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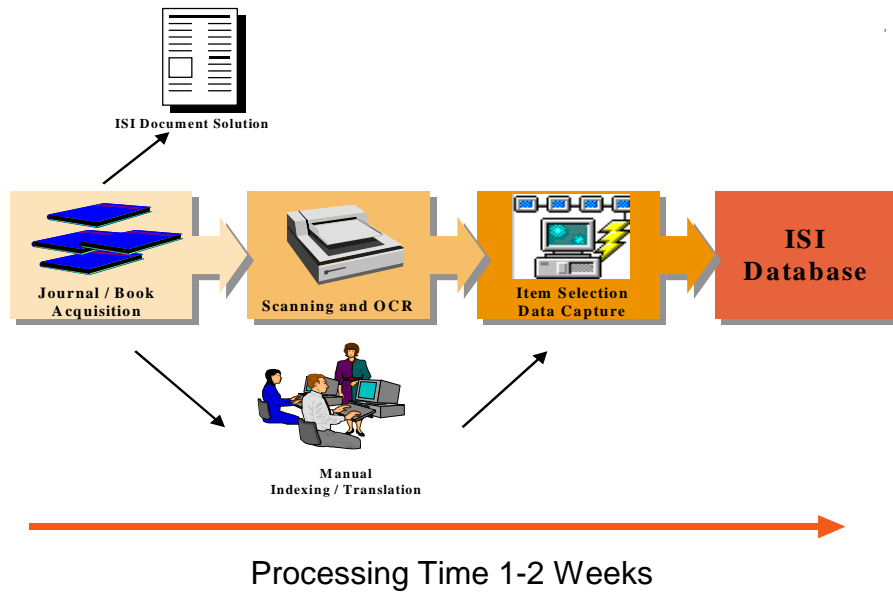
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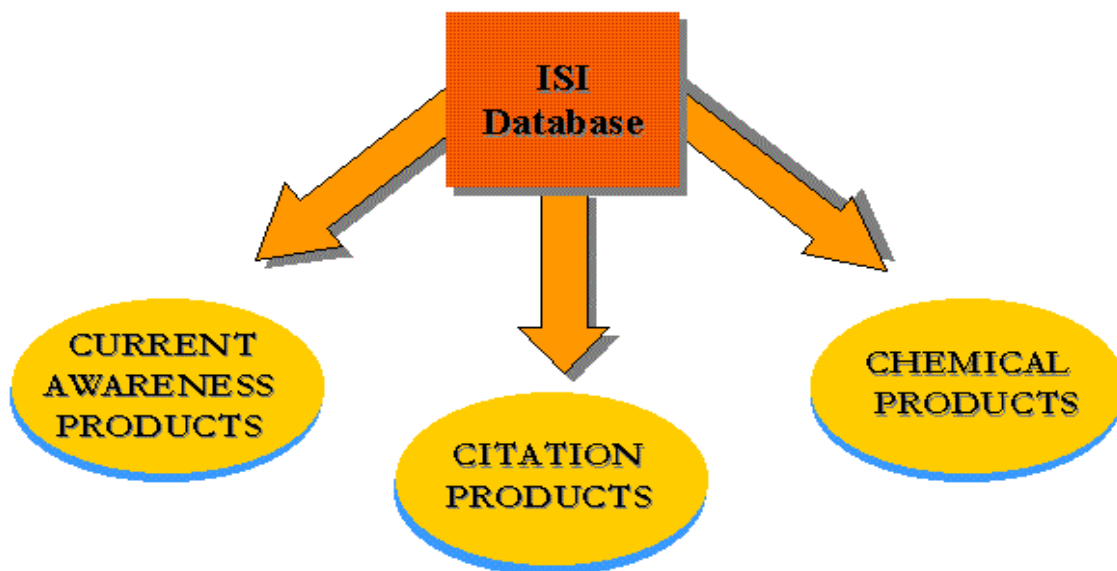
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Selective Coverage in Arts & Humanities Citation Index

Archaeomagnetic results from mural paintings and pyroclastic rocks in Pompeii and Herculaneum

Zanella E, Gurioli L, Chiari G, Ciarallo A, Cioni R, De Carolis E, Lanza R

PHYSICS OF THE EARTH AND PLANETARY INTERIORS

118 (3-4): 227-240 MAR 2000

Document type: Article **Language:** English **Cited References:** [31](#) **Times Cited:** 0

Abstract:

This work investigates the magnetic remanence associated with red pigments from murals at Pompeii and compares their directions to those of the pyroclastic rocks from the Vesuvius AD 79 eruption. The remanence of the murals is shown, using X-ray analyses, to be carried by haematite. Murals in Thermae Stabianae, known to have been painted a few years before AD 79, yield an archaeomagnetic direction (D = 1.2 degrees, I = 58.0 degrees; alpha(95) = 5.5 degrees) indistinguishable from that of a nearby kiln (D = 358.0 degrees, I = 59.1 degrees; alpha(95) = 1.7 degrees) (Evans and Mareschal, 1989) probably last used immediately prior to the eruption. The directions are also consistent with those of fine-grained pyroclastic rocks from the eruption (D = 351.2 degrees, I = 57.9 degrees; alpha(95) = 3.4 degrees) and lithic and tile fragments embedded within them (D = 358.5 degrees, I = 60.4 degrees; alpha(95) = 8.5 degrees). Other paintings of the 1st century AD yield similar directions, with a lower statistical definition. This study shows that murals can retain their remanent magnetization for centuries and demonstrates the viability in principle of pictorial remanence as an archaeomagnetic tool. (C) 2000 Elsevier Science B.V. All rights reserved.

Author Keywords:

archaeomagnetism, mural paintings, Pompeii, pyroclastics, Vesuvius

KeyWords Plus:

AD 79, EMPLACEMENT TEMPERATURES, SECULAR VARIATION, MAGNETIC-FIELD, VESUVIUS, ERUPTION, DEPOSITS

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ISSN:

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Selective Coverage in Social Science Citation Index

Effect of the Hanshin-Awaji earthquake on posttraumatic stress, lifestyle changes, and cortisol levels of victims

Fukuda S, Morimoto K, Mure K, Maruyama S

ARCHIVES OF ENVIRONMENTAL HEALTH

55 (2): 121-125 MAR-APR 2000

Document type: Article **Language:** English **Cited References:** [39](#) **Times Cited:** 0

Abstract:

In 1995, the Hanshin-Awaji area in Japan was damaged severely by a major earthquake. In this study, the authors administered questionnaires and obtained blood samples to analyze the relationships among lifestyle, psychological stress, and plasma cortisol levels of victims. The authors questioned 107 male inhabitants of Awaji Island about their lifestyles before and after the earthquake, presence of any symptoms of posttraumatic stress disorder, and demographic variables. Plasma cortisol levels were determined with enzyme immunoassay. Cortisol level was correlated strongly with change in lifestyle. The highest cortisol levels were found in the group characterized by a high posttraumatic stress disorder score and by a very profound lifestyle change. This group also contained the highest percentage of subjects who had poor health. In summary, the psychological stress induced by the Hanshin-Awaji earthquake was associated with mean cortisol level; however, this relationship was affected by adjustment of lifestyle.

KeyWords Plus:

ACUTE MYOCARDIAL-INFARCTION, KILLER-CELL ACTIVITY, HEALTHY LIFE-STYLES, NATURAL DISASTER, BLOOD-PRESSURE, MENTAL-HEALTH, EXCRETION, DISORDERS, HORMONE, HABITS

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Publisher:

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Sample Records

Proc. Natl. Acad. Sci. USA
Vol. 96, pp. 2042-2047, March 1999
Biophysics

Copper binding to the prion protein: Structural implications of four identical cooperative binding sites

(octarepeat peptides/nuclear magnetic resonance/circular dichroism/electron spin resonance)

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Department of *Molecular Biology and **Skaggs Institute for Chemical Biology, Scripps Research Institute, La Jolla, CA 92037; and Departments of †Neurology, ‡Pharmaceutical Chemistry, †Cellular and Molecular Pharmacology, §Medicine, and ¶Biochemistry and Biophysics, University of California, San Francisco, CA 94143

Contributed by Stanley B. Prusiner, December 29, 1998

ABSTRACT Evidence is growing to support a functional role for the prion protein (PrP) in copper metabolism. Copper ions appear to bind to the protein in a highly conserved octapeptide repeat region (sequence PHGGGWGQ) near the N terminus. To delineate the site and mode of binding of Cu(II) to the PrP, the copper-binding properties of peptides of varying lengths corresponding to 2-, 3-, and 4-octarepeat sequences have been probed by using various spectroscopic techniques. A two-octarepeat peptide binds a single Cu(II) ion with $K_d \approx 6 \mu\text{M}$ whereas a four-octarepeat peptide cooperatively binds four Cu(II) ions. Circular dichroism spectra indicate a distinctive structuring of the octarepeat region on Cu(II) binding. Visible absorption, visible circular dichroism, and electron spin resonance spectra suggest that the coordination sphere of the copper is identical for 2, 3, or 4 octarepeats, consisting of a square-planar geometry with three nitrogen ligands and one oxygen ligand. Consistent with the pH dependence of Cu(II) binding, proton NMR spectroscopy indicates that the histidine residues in each octarepeat are coordinated to the Cu(II) ion. Our working model for the structure of the complex shows the histidine residues in successive octarepeats bridged between two copper ions, with both the N ϵ 2 and N δ 1 imidazole nitrogen of each histidine residue coordinated and the remaining coordination sites occupied by a backbone amide nitrogen and a water molecule. This arrangement accounts for the cooperative nature of complex formation and for the apparent evolutionary requirement for four octarepeats in the PrP.

Prion diseases are a novel class of neurodegenerative diseases, including scrapie in sheep, bovine spongiform encephalopathy in cattle, and Creutzfeldt-Jacob disease in humans (1). A new variant form of Creutzfeldt-Jacob disease has been reported that is thought to be caused by the ingestion of infected beef (2, 3). A variety of biochemical, biophysical, cell biologic, and transgenic experiments have indicated that the critical pathogenic event in prion disease is the misfolding of a benign cellular prion protein (PrP^C) to form the infectious disease-causing isoform, the scrapie isoform of PrP (4–7).

Until recently, little has been known about the normal function of PrP^C in the brain. There is now a body of evidence to indicate a role for PrP^C in copper metabolism. Mice deficient in PrP^C showed a >10-fold reduction of copper in a microsomal fraction from brain relative to wild-type mice and a reduction in activity of Cu/Zn superoxide dismutase (8). It also has been shown that cerebellar cells from mice deficient in PrP^C are more sensitive to copper toxicity and oxidative stress (9).

Mature Syrian hamster PrP^C is a glycoprotein containing two N-linked carbohydrates and one disulfide bridge. Post-translational processing results in the cleavage of a 22-residue leader sequence and the C-terminal tail after the attachment of a glycosylphosphatidylinositol anchor to serine 231. The solution structures of the mouse prion protein fragment, PrP(121–231) (10, 11), and of Syrian hamster PrP(90–231) (12) have been reported. The sequence of PrP(90–231) corresponds to the protease-resistant core of the scrapie isoform of PrP (PrP27–30), which can mediate prion disease.

The secondary structure of the full length Syrian hamster PrP(29–231) has been determined, and the dynamic properties of the protein backbone have been measured (13). The secondary structural elements of the full length apo PrP(29–231) are identical to those of PrP(90–231). The N-terminal half of the apoprotein, residues 29–124, is unstructured, with considerable backbone flexibility (13). Residues 51–91 contain an unusual glycine-rich repeat every eight residues; this sequence is termed the octarepeat region. Residues 60–91 consist of four octarepeat sequences (PHGGGWGQ)₄, and residues 51–59 have a homologous sequence but lack the histidine residue

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Copper binding to the prion protein: Structural implications of four identical cooperative binding sites
Viles JH, Cohen FE, Prusiner SB, Goodin DB, Wright PE, Dyson HJ
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA
96 (5): 2042-2047 MAR 2 1999

Document type: Article **Language:** English **Cited References:** 34 **Times Cited:** 43

Abstract:
Evidence is growing to support a functional role for the prion protein (PrP) in copper metabolism. Copper ions appear to bind to the protein in a highly conserved octapeptide repeat region (sequence PHGGGWGQ) near the N terminus. To delineate the site and mode of binding of Cu(II) to the PrP, the copper-binding properties of peptides of varying lengths corresponding to 2-, 3-, and 4-octarepeat sequences have been probed by using various spectroscopic techniques. A two-octarepeat peptide binds a single Cu(II) ion with K_d approximate to 6 μ M whereas a four-octarepeat peptide cooperatively binds four Cu(II) ions. Circular dichroism spectra indicate a distinctive structuring of the octarepeat region on Cu(II) binding. Visible absorption, visible circular dichroism, and electron spin resonance spectra suggest that the coordination sphere of the copper is identical for 2, 3, or 4 octarepeats, consisting of a square-planar geometry with three nitrogen ligands and one oxygen ligand. Consistent with the pH dependence of Cu(II) binding, proton NMR spectroscopy indicates that the histidine residues in each octarepeat are coordinated to the Cu(II) ion. Our working model for the structure of the complex shows the histidine residues in successive octarepeats bridged between two copper ions, with both the N epsilon 2 and N delta 1 imidazole nitrogen of each histidine residue coordinated and the remaining coordination sites occupied by a backbone amide nitrogen and a water molecule. This arrangement accounts for the cooperative nature of complex formation and for the apparent evolutionary requirement for four octarepeats in the PrP.

Author Keywords:
octarepeat peptides, nuclear magnetic resonance, circular dichroism, electron spin resonance

KeyWords Plus:
CREUTZFELDT-JAKOB-DISEASE, NMR STRUCTURE, SCRAPIE, COMPLEX, SPECTROSCOPY, CONVERSION, HISTIDINE, VARIANT, REGION, BRAIN

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Drawing Impossible Entities: A Measure of the Imagination in Children with Autism, Children with Learning Disabilities, and Normal 4-year-olds

Hilary J. Leevers and Paul L. Harris

University of Oxford, U.K.

Contemporary findings suggest that the imagination of autistic children is not as limited as was once thought. In contrast, Scott and Baron-Cohen (1996) claim that children with autism are unable to draw pictures of impossible entities. An experiment showed that children with autism, children with moderate learning disabilities, and normal 4-year-olds were equally successful at identifying real and impossible pictures and at completing pictures to make them look either real or impossible. The previously reported inability to draw "impossible" pictures is unlikely to reflect an imaginative deficit and may instead result from a misunderstanding of the task or limitations in the executive abilities required to plan and draw an unusual picture for the first time.

Keywords: Autism, preschool children, creativity, drawing.

Abbreviations: MLD: moderate learning disability; TROG: Test for Reception of Grammar.

Introduction

Increasingly research has questioned the depth of autistic children's impairment in pretence and the imagination. Rather than lacking an ability to pretend, children with autism may be less motivated to engage in everyday pretence (Lewis & Boucher, 1988) or less able to generate pretend activities (Jarrod, Boucher, & Smith, 1996). Other evidence shows that autistic children can use counterfunctional objects as substitutes in instructed pretence (e.g. use a pencil to represent a toothbrush; Jarrod, Boucher, & Smith, 1994); they can envisage the consequences of pretend episodes (Kavanaugh & Harris, 1994); they respond appropriately to hypothetical statements such as "If Mummy hadn't made the cake, where would the chocolate be?" (Peterson & Bowler, 1996); and they can suggest alternative (counterfactual) antecedents and consequents in causal situations (e.g. suggesting that a story character could have prevented getting her socks muddy by wearing boots; Hadwin & Bruins, 1997). In order to consider these various non-existent or counterfactual possibilities children must be able to imagine alternatives to reality.

In contrast, a recent finding confirms and elaborates on the traditionally held view of limited imagination in children with autism. Scott and Baron-Cohen (1996) report that autistic children are unable to depict impossible entities, such as a two-headed man. Most prior

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- Fein, D., Lucci, D., & Waterhouse, L. (1990). Brief report: Fragmented drawings in autistic children. *Journal of Autism and Developmental Disorders*, 20, 263-269.

Requests for reprints to: Hilary J. Leevers, Center for Molecular & Behavioral Neuroscience, Aidekman Research Center, Rutgers University, 197 University Avenue, Newark, NJ 0710, U.S.A. (E-mail: leevers@axon.rutgers.edu).

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Drawing impossible entities: A measure of the imagination in children with autism, children with learning disabilities, and normal 4-year-olds
Leevers HJ, Harris PL
JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY AND ALLIED DISCIPLINES
39 (3): 399-410 MAR 1998

Document type: Article **Language:** English [Cited References: 37](#) [Times Cited: 6](#)

Abstract:
Contemporary findings suggest that the imagination of autistic children is not as limited as was once thought. In contrast, Scott and Baron-Cohen (1996) claim that children with autism are unable to draw pictures of impossible entities. An experiment showed that children with autism, children with moderate learning disabilities, and normal 4-year-olds were equally successful at identifying real and impossible pictures and at completing pictures to make them look either real or impossible. The previously reported inability to draw "impossible" pictures is unlikely to reflect an imaginative deficit and may instead result from a misunderstanding of the task or limitations in the executive abilities required to plan and draw an unusual picture for the first time.

Author Keywords:
autism, preschool children, creativity, drawing

KeyWords Plus:
EXECUTIVE FUNCTION DEFICITS, GRAPHIC ABILITIES, VISUAL REALISM, PRETEND PLAY, MIND, PERSPECTIVE

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EPISTEMOLOGICKÉ ASPEKTY MODERNÉHO MALIARSTVA

LADISLAV KVASZ, Katedra humanistiky MFF-UK, Bratislava

KVASZ, L.: The Epistemological Aspects of Modern Painting
FILOZOFIA 55, 2000, No 8, p. 601

The aim of the paper is to analyse the geometrical aspects of a series of modern paintings and to show the parallel between them and the development of modern geometry. It starts with El Greco, offering a geometrical explanation of his painting the figures in a prolonged manner. Further the analogy between the impressionist way of creating space (in the works of Turner, Monet and Seurat) and the mathematical idea of Cayley to use projective space as a basis for non-reconstructed. Next the paper describes the parallel between the paintings of Cézanne and Picasso and the concept of topology. In conclusion the paper deals with the analogy between abstract paintings and the set-theoretical foundations of geomet

Predkladaná stať nadväzuje na článok *Epistemologické aspekty* v ktorom sme sa pokúsili načrtnúť paralelu spájajúcu geometrické maliarstva od renesancie po baroko s dejinami geometrie od Desargua po rom článku bola téza, že existuje paralela medzi formálnou štruktúrou barokového maliarstva a štruktúrou obrázkov v textoch neeuklidovskej sa podarilo predĺžiť paralelu medzi geometriou a maliarstvom, ktorej v obmedzuje na obdobie renesancie, aj za hranice tejto epochy. Z teo bol rovnako dôležitý opis príkladu vetvenia formy jazyka, keď sme u spektivistickú formu existovali tri rôzne spôsoby nadviazania - deskri jektívna forma a anamorfická forma. To ukazuje, ako možno rekonštr disciplíny oslobodiť od tendencie linearizácie jej vývinu. V tejto stati na predošlé analýzy a predĺžiť výklad geometrických aspektov maliar abstraktného umenia. Sledovať budeme líniu Turner, Monet, Seurat, Cezanne, Picasso, Kandinskij a pokúsime sa ukázať jej paralely v dejinách geometrie. Pritom obmedzenia, o ktorých sme hovorili v úvode predošlého článku, platia ešte vo väčšej miere pre náš pohľad do dejín moderného maliarstva. Keďže v modernom maliarstve hrá farebnosť, expresívnosť a gestickosť stále významnejšiu úlohu, ostáva stále menej obrazov, pri interpretácii ktorých je ústredným motívom ich geometrická štruktúra. Preto náš exkurz do



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Kvasz L
FILOZOFIA
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The aim of the paper is to analyse the geometrical aspects of a series of modern paintings and to show the parallel between them and the development of modern geometry. It starts with El Greco, offering a geometrical explanation of his painting the figures in a prolonged manner. Further the analogy between the impressionist way of creating space (in works of Turner, Monet and Seurat) and the geometrical idea of Cayley to use projective space as a basis for non-Euclidean geometry is reconstructed. Next the paper describes the parallel between the creation of space in the paintings of Cezanne and Picasso and the concept of space in algebraic topology. In conclusion, the paper deals with the analogy between Kandinski's abstract paintings and the set-theoretical foundations of geometry.

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TOPIC = apopto* or cell* death* or cell* suicide*
AUTHOR = steller h*

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- **Topic** terms search the following fields: Title, Abstract, Author Keywords, and Keywords Plus.

General Search Results—Summary

ISI Web of Science CITATION DATABASES

HOME HELP DATE & TIME LISTS GENERAL SEARCH CITED BY SEARCH LOG OFF

General Search Results--Summary

Topic=apopto* or cell* death* or cell* suicide*; Author=steller h*; DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years; (sorted by latest date)

Page 1 (Articles 1 -- 10):

Use the checkboxes to add individual articles to the Marked List. Be sure to click SUBMIT MARKS button before leaving page.

<input checked="" type="checkbox"/>	Lanisc A... NAT	...ARTS, mediates apoptosis dependent on its P-loop motif
<input checked="" type="checkbox"/>	Jones Det... J BI	...m Drosophila melanogaster 1 2000
<input type="checkbox"/>	Stelle Dro... NAT	
<input checked="" type="checkbox"/>	Jiang C A.s... MO	...hy controls salivary gland cell death during Drosophila metamorphosis
<input type="checkbox"/>	Song Z Bio... MO	...een Drosophila caspases and the proapoptotic genes rpr, hid, and grim 00
<input checked="" type="checkbox"/>	Goyal L, McCall K, Agapite J, et al. Induction of apoptosis by Drosophila reaper, hid and grim through inhibition of IAP function EMBO J 19 (4): 589-597 FEB 15 2000	
<input type="checkbox"/>	Song ZW, Steller H Death by design: mechanism and control of apoptosis (Reprinted from Trends in Biochemical Science, vol 12, Dec., 1999) TRENDS GENET 15 (12): M49-M52 DEC 1999	
<input type="checkbox"/>	Song ZW, Steller H Death by design: mechanism and control of apoptosis (Reprinted from Trends in Biochemical Science, vol 12, Dec., 1999) TRENDS CELL BIOL 9 (12): M49-M52 DEC 1999	
<input checked="" type="checkbox"/>	Song ZW, Steller H Death by design: mechanism and control of apoptosis TRENDS BIOCHEM SCI 24 (12): M49-M52 DEC 1999	
<input type="checkbox"/>	Zhou L, Song ZW, Tittel J, et al. HAC-1, a Drosophila homolog of APAF-1 and CED-4 functions in developmental and radiation-induced apoptosis MOL CELL 4 (5): 745-755 NOV 1999	

Page 1 (Articles 1 -- 10):

36 of 29560985 documents matched the query.

This information is incomplete on the first page of your results *only*.

To create a **Marked List**, there are three options:

- Select **Mark All** to mark all records returned in your search (up to 500)
- Select **Mark Page** to mark the ten records on the page.
- Click the check box to the left of the record, then click **Submit** to select individual records from the page.

Total number of documents that match the terms of the search is shown here. The maximum number of documents that will be returned is **500**.

General Search Results—Full Record

Since you marked this article on the search results **summary** page, you now have access to the marked list.

Related Records are articles that share cited references with this article.

Click on **Cited References** to see a list of the documents that these authors cited.

Click on **Times Cited** to see new documents that have cited this article.

Author Keywords are supplied by the article's author.

Keywords Plus are derived from the titles of the cited articles.

Note: Not all articles have keywords or abstracts.

The reprint author's address is listed first. The research addresses follow. Note that the other authors are not connected to specific research institution addresses in the record.

ISI Web of Science

General Search Results—Full Record

Article 6 of 36

Induction of apoptosis by *Drosophila* reaper, hid and grim through inhibition of IAP function
 Goyal L, McCall K, Agapite J, Hartwig E, Steller H
 EMBO JOURNAL
 19 (4): 589-597 FEB 15 2000

Document type: Article Language: English Cited References: 49 Times Cited

Abstract:
 Induction of **apoptosis** in *Drosophila* requires the activity of three closely linked genes, reaper, hid and grim. We show that the proteins encoded by reaper, hid and grim activate **cell death** by inhibiting the *Drosophila* IAP1 (diap1) protein. In a genetic modifier screen, both loss-of-function and gain-of-function mutations in diap1 strongly suppressed reaper-, hid- and grim-induced **apoptosis**. Sequence analysis of these alleles revealed that they were caused by single amino acid changes in the baculovirus IAP repeat domains of diap1, a domain implicated in binding REAPER, HID and GRIM. Significantly, the corresponding mutant DIAP1 proteins displayed greatly reduced binding of REAPER, HID and GRIM, indicating that REAPER, HID and GRIM kill by forming a complex with DIAP1. These data provide strong in vivo evidence for a previously published model of **cell death** regulation in *Drosophila*.

Author Keywords:
 caspase, **cell death**, development, DIAP1

KeyWords Plus:
 PROGRAMMED **CELL-DEATH**, BACULOVIRUS INHIBITOR, GENE, PROTEINS, EXPRESSION, CASPASES, HOMOLOGS

Addresses:
 Steller H, MIT, Howard Hughes Med Inst, Dept Biol, 77 Massachusetts Ave, Cambridge, MA 02139 USA
 MIT, Howard Hughes Med Inst, Dept Biol, Cambridge, MA 02139 USA

Publisher:
 OXFORD UNIV PRESS, OXFORD

IDS Number:
 285N1

ISSN:
 0261-4189

Cited References

ISI Web of Science

Cited References
 Induction of apoptosis by *Drosophila reaper*, *hid* and *grim* through inhibition
 Goyal L, McCall K, Agapite J, et al.
 EMBO JOURNAL
 19 (4): 589-597 FEB 15 2000

Use the **Search Results** button to navigate back to the record from which you started.

Click **Related Records** to retrieve a list of articles that share the same cited works. (see next page)

Citations that are indexed in *Web of Science* are underlined. Click the reference to link directly to its corresponding full record.

Some items will not be linked. For example, cited monographs such as books and theses, articles cited "in press," and any other works not found in ISI's databases will appear as unlinked text. Citation variants and citations to works outside of your institution's years of coverage will also be unlinked text.

Clear the checkbox to the left of an item if you do not want to search for articles that cite the item when looking at Related Records.

Cited Author	Cited Work	Volume	Page
<input checked="" type="checkbox"/> ABRAMS JM	DEVELOPMENT	117	29
<input checked="" type="checkbox"/> ANDROSINI G	NAT MED	3	917
<input checked="" type="checkbox"/> BERGER PD	J INTERACT MARK	11	17
<input checked="" type="checkbox"/> DEBOMADY A	CELL	95	331 1998
<input checked="" type="checkbox"/> BIRNBAUM NJ	J VIROL	68	2521 1994
<input checked="" type="checkbox"/> BUMP NJ	SCIENCE	269	1005 1995
<input checked="" type="checkbox"/> CHEN F	DEV BIOL	201	202
<input checked="" type="checkbox"/> CHEN F	GENE DEV	10	1773
<input checked="" type="checkbox"/> CLEM RJ	MOL CELL BIOL	14	5212
<input checked="" type="checkbox"/> CLEM RJ	TRENDS CELL BIOL	7	337
<input checked="" type="checkbox"/> CROOK NE	J VIROL	67	2168
<input checked="" type="checkbox"/> DEVERAUX QL	EMBO J	17	2215
<input checked="" type="checkbox"/> DEVERAUX QL	GENE DEV	13	239
<input checked="" type="checkbox"/> DEVERAUX QL	NATURE	388	300
<input checked="" type="checkbox"/> DORSTYN L	P NATL ACAD SCI USA	96	4307
<input checked="" type="checkbox"/> DUCKETT CS	EMBO J	15	2685 1996
<input checked="" type="checkbox"/> EVANS EK	EMBO J	16	7372 1997
<input checked="" type="checkbox"/> FRASED AO	EMBO J	16	2805 1997
<input checked="" type="checkbox"/> GREYER RE	GENE DEV	9	1694 1995
<input checked="" type="checkbox"/> HAINING NW	P NATL ACAD SCI USA	96	4916 1999
<input checked="" type="checkbox"/> HAWKINS CJ	P NATL ACAD SCI USA	96	2885 1999
<input checked="" type="checkbox"/> HAY BA	CELL	63	1253 1990
<input checked="" type="checkbox"/> HAY BA	DEVELOPMENT	120	2121 1994
<input checked="" type="checkbox"/> JACOBSON MD	CELL	88	347 1997
<input checked="" type="checkbox"/> KAISER WJ	FEDS LETT	440	243 1998
<input checked="" type="checkbox"/> KANURA H	MOL CELL	4	757 1999
<input checked="" type="checkbox"/> KUPADA P	CELL	95	319 1998
<input checked="" type="checkbox"/> LINDSLEY DL	GENOME DROSOPHILA ME		1992
<input checked="" type="checkbox"/> MCCALL K	TRENDS GENET	13	222 1997
<input checked="" type="checkbox"/> MCCARTHY JV	J BIOL CHEM	273	24009
<input checked="" type="checkbox"/> MEIER P	EMBO J	19	598
<input checked="" type="checkbox"/> MILLER LW	J CELL PHYSIOL	173	179
<input checked="" type="checkbox"/> MONDSTROM W	DEV BIOL	180	227
<input checked="" type="checkbox"/> FRONK GJ	SCIENCE	271	808
<input checked="" type="checkbox"/> RODRIGUEZ A	NAT CELL BIOL	1	172
<input checked="" type="checkbox"/> ROY H	CELL	80	167
<input checked="" type="checkbox"/> ROY H	EMBO J	16	6914
<input checked="" type="checkbox"/> SONG ZW	IN PRESS MOL CELL BI		
<input checked="" type="checkbox"/> SONG ZW	SCIENCE	275	536
<input checked="" type="checkbox"/> THOMPSON CB	SCIENCE	267	1456
<input checked="" type="checkbox"/> UPEN AG	P NATL ACAD SCI USA	93	4574
<input checked="" type="checkbox"/> UPEN AG	TRENDS BIOCHEM SCI	5	159
<input checked="" type="checkbox"/> VUCIC D	J BIOL CHEM	273	32915
<input checked="" type="checkbox"/> VUCIC D	MOL CELL BIOL	18	3300
<input checked="" type="checkbox"/> VUCIC D	P NATL ACAD SCI USA	94	10183
<input checked="" type="checkbox"/> WANG SL	CELL	98	453
<input checked="" type="checkbox"/> WHITE K	SCIENCE	271	805
<input checked="" type="checkbox"/> WHITE K	SCIENCE	264	577
<input checked="" type="checkbox"/> ZHOU L	MOL CELL	4	745 1999

Related Records

ISI Web of Science CITATION DATABASES

HOME HELP DATE & TIME LETS GENERAL SEARCH CITED BY SEARCH SEARCH RESULTS LOG OFF

Related Records--Summary

The records below are related to this parent record and are sorted by the most shared references:
Goyal L. [Induction of apoptosis by Drosophila reaper, hid and grim through inhibition of IAP function](#)

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

Use the checkboxes to add individual articles to the Marked List. Be sure to click SUBMIT MARKS button before leaving page.

- Hay BA
[Understanding IAP function and regulation: a view from Drosophila](#)
CELL DEATH DIFFER 7 (11): 1045-1056 NOV 2000
- Bergmann A, Agapite J, Steller H
[Mechanisms and control of programmed cell death in invertebrates](#)
ONCOGENE 17 (25): 3215-3223 DEC 24 1998
- Abrams JM
[An emerging blueprint for apoptosis in Drosophila](#)
TRENDS CELL BIOL 9 (11): 435-440 NOV 1999
- Bangs P, Franc N, White K
[Molecular mechanisms of cell death and phagocytosis in Drosophila](#)
CELL DEATH DIFFER 7 (11): 1027-1034 NOV 2000
- Bangs P, White K
[Regulation and execution of apoptosis during Drosophila development](#)
DEV DYNAM 218 (1): 68-79 MAY 2000
- Lisi S, Mazzoni I, White K
[Diverse domains of THREAD/DIAP1 are required to inhibit apoptosis induced](#)
GENETICS 154 (2): 669-678 FEB 2000
- Wang SL, Hawkins CJ, Yoo SJ, et al.
[The Drosophila caspase inhibitor DIAP1 is essential for cell survival and is negatively regulated by HID](#)
CELL 98 (4): 453-463 AUG 20 1999
- Zhou L, Song ZW, Tittel J, et al.
[HAC-1, a Drosophila homolog of APAF-1 and CED-4 functions in developmental and radiation-induced apoptosis](#)
MOL CELL 4 (5): 745-755 NOV 1999
- Kaiser WJ, Vucic D, Miller LK
[The Drosophila inhibitor of apoptosis D-IAP1 suppresses cell death induced by the caspase drICE](#)
FEBS LETT 440 (1-2): 243-248 NOV 27 1998
- Meier P, Silke J, Leivers SJ, et al.
[The Drosophila caspase DRONC is regulated by DIAP1](#)
EMBO J 19 (4): 598-611 FEB 15 2000

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

6283 documents in the database are related to parent record. (500 shown)

The **Related Records** list is sorted by relevance; items that share the most citations in common with the parent record appear at the top of the list. A record need only share a single reference in common with the parent record in order to be returned as a Related Record.

By doing a **Related Records** search, you have retrieved a whole set of records about apoptosis without having to add specific vocabulary to your query.

The total number of **Related Records** is shown at the bottom of the page. The maximum number of related records you can retrieve is 500.

Times Cited

Clicking the Times Cited link on a full record displays all the papers covered in the database that correctly cite the displayed record. The citing papers are from all databases and all data years available. As more records are added to the databases, the Times Cited count may increase. To pick up citation variations, use the **Cited Reference Search**.

CITATION DATABASES

ISI Web of Science

CITED REF SEARCH SEARCH RESULTS LOG OFF HOME HELP DATE & DB LIMITS GENERAL SEARCH

ing Articles--Summary

[ila reaper, hid and grim through inhibition of IAP function](#) [Induction of apoptosis by Drosophila](#)

al L, McCall K, Agapite J, et al. Goy

EMBO JOURNAL

11 (1), 303-311 FEB 15 2000

These documents in the database cite the above article:

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

Use the checkboxes to add individual articles to the Marked List. Be sure to click SUBMIT MARKS button before leaving page.

- Silke J, Verhagen AM, Ekert PG, et al.
[Sequence as well as functional similarity for DIABLO/Smac and Grim, Reaper and Hid?](#)
CELL DEATH DIFFER 7 (12): 1275-1275 DEC 2000
- Wu G, Chai JJ, Suber TL, et al.
[Structural basis of IAP recognition by Smac/DIABLO](#)
NATURE 408 (6815): 1008-1012 DEC 21 2000
- Kruidering M, Evan GI
[Caspase-8 in apoptosis: The beginning of "The End"?](#)
IUBMB LIFE 50 (2): 85-90 AUG 2000
- Srinivasula SM, Datta P, Fan XJ, et al.
[Molecular determinants of the caspase-promoting activity of Smac/DIABLO and its role in the death receptor pathway](#)
J BIOL CHEM 275 (46): 36152-36157 NOV 17 2000
- Kumar S
[Cell death in the fly comes of age](#)
CELL DEATH DIFFER 7 (11): 1021-1024 NOV 2000
- Bangs P, Franc N, White K
[Molecular mechanisms of cell death and phagocytosis in Drosophila](#)
CELL DEATH DIFFER 7 (11): 1027-1034 NOV 2000
- Nordstrom W, Abrams JM
[Guardian ancestry: fly p53 and damage-inducible apoptosis](#)
CELL DEATH DIFFER 7 (11): 1035-1038 NOV 2000
- Kumar S, Doumanis J
[The fly caspases](#)
CELL DEATH DIFFER 7 (11): 1039-1044 NOV 2000
- Hay BA
[Understanding IAP function and regulation: a view from Drosophila](#)
CELL DEATH DIFFER 7 (11): 1045-1056 NOV 2000
- Baehrecke EH
[Steroid regulation of programmed cell death during Drosophila development](#)
CELL DEATH DIFFER 7 (11): 1057-1062 NOV 2000

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

24 of 29584554 documents in the database cite the above article.

Truncation

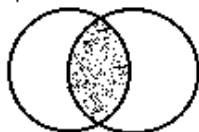
Truncation can be used in a number of different ways. Truncate the end of a word in order to retrieve all mentions of the word (singular and plural). In cases of irregular plurals, or to retrieve all forms of a root word, use the * to retrieve more than one character. Use internal truncation or wildcard characters to retrieve alternate or British spellings of words.

? = one character only
* = zero or more characters

Right Side Truncation		Internal Truncation (Wildcards)	
Diseas*	Disease Diseases Diseased	Lap*roscop*	Laparoscopic Laprosopic Laparoscopy
Gene*	Gene Genes General Generation	Dosto?evsk*	Dostoyevsky Dostoiievsky Dostoiievski Dostoyevskii
Pharmac*	Pharmacy Pharmacology Pharmaceutics Pharmaceutical	Sul*ur	Sulfur Sulphur

Boolean Operators

aspartame cancer*



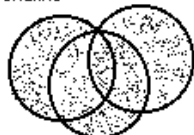
AND

All search terms must occur to be retrieved.

TOPIC: aspartame AND cancer*

Retrieves documents that contain both *aspartame* and *cancer**.

saccharine sweetener* aspartame



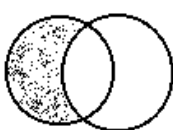
OR

Any one of the search terms must occur to be retrieved. Use when searching variants and synonyms.

TOPIC: aspartame OR saccharine OR sweetener*

Retrieves documents that contain at least one of the terms.

aids hearing



NOT

Excludes records that contain a given search term.

TOPIC: aids NOT hearing

Retrieves documents with *aids*, excluding any which also contain *hearing*.

Proximity Operators

Implied Adjacency

By default, searching a phrase retrieves records that contain the adjacent terms in the same order.

Topic: biocontrol agent

Title:

RESIDUAL EFFICACY OF TYPHULA PHACORRHIZA AS A **BIOCONTROL AGENT** OF GREY SNOW MOLD ON CREEPING BENTGRASS

Same

Terms must occur within the same sentence (where "sentence" is understood to be a period-delimited string), in any order.

Topic: (greenhouse or green house) same emission*

Address: Texaco same Houston

Title:

GLOBAL **GREENHOUSE-GAS-EMISSIONS** INVENTORY METHOD

Address:

TEXACO INTL, SAFETY HLTH & ENVIRONM GRP, **HOUSTON**, TX USA.

Order of Precedence

()
SAME
NOT
AND
OR

Use parentheses to override the order of precedence when using multiple Boolean and/or Proximity operators. Up to fifty Boolean operators can be used in a single search statement.

Examples:

TOPIC: meteorite AND (mars OR martian)

Retrieves documents that contain the word *meteorite* and either one (or both) of the terms in parentheses.

TOPIC: mammal* SAME (smell* OR odor* OR olfact*)

Retrieves documents that contain some variant of the word *mammal* in the same sentence as any of the terms in parentheses.

Combining Search Terms

Using synonyms for your search concepts is one way to insure that you retrieve as many results as possible. It may be useful to complete a search strategy worksheet (below) to help you combine your search terms. A blank worksheet can be found in Appendix B at the back of this booklet.

	(CONCEPT 1)	(CONCEPT 2)	(CONCEPT 3)
Synonyms		SAME AND NOT	SAME AND NOT
	earthquake*		California*
	OR temblor*		OR los angeles
	OR seism*		OR (san andreas same fault)

- Use parentheses to enclose the terms in each concept column. For example:

(earthquake* or temblor* or seism*) and (california* or los angeles* or (san andreas same fault))

Topic Search

Fields searched in the Topic Index:

	SCIE	SSCI	AHCI
Source title words	All Years	All Years	All Years
Author keywords	1991 →	1991 →	1991 →
KeyWords Plus	1991 →	1991 →	1991 →
Author abstracts	1991 →	1992 →	2000 →

- **Develop synonyms (natural language, acronyms, jargon); connect with OR operator.**
- **Treat all Topic Index searching as term-indexed.**
- **Apply the SAME operator to combine concepts and create relevance.**
- **Search variants of all terms.**

TOPIC: (honey bee* or honeybee* or apis mellif*) same danc*

- **Truncate for plural and derivative forms.**

TOPIC: enzym*

Retrieves *enzyme, enzymes, enzymatic, enzymology*

- **Punctuation marks are searched as a space, but do display.**

TOPIC: 2 4 dinitrotoluene is equivalent to TOPIC: 2,4-dinitrotoluene.

- **Truncate and use the SAME operator to search for phrases containing a possessive.**

TOPIC: kaposi* same sarcom*

Retrieves *Kaposi sarcoma, Kaposis-sarcoma, Kaposis sarcoma, Kaposi's sarcoma*

- **Search hyphenated words with a hyphen (or a space) and fused as one word, without a hyphen.**

TOPIC: x-ray* or xray* or TOPIC: x ray* or xray*

Retrieves *X-ray or X-rays or Xray or Xrays or X-rayed...*

- **Spell out Greek letters and other special characters.**

To retrieve an article whose title appears as:

Electroabsorption spectroscopy of β -carotene and α,ω -bis(1,1-dimethylheptyl)-1,3,5,7,9,11,13,15-hexadecaene

TOPIC: (beta carotene and alpha omega) Title only

- **Personal names may be inverted in all subject fields except abstracts. Use the SAME operator:**

TOPIC: Churchill same (winston or w)

Editorial Rules—Titles

- **Non-English titles are translated into U.S. English, when no translation is provided by the journal.**

Pilot study on personality disorders evaluation. Categorical DSM-IV vs. dimensional five factor models

Garcia I, Tejedor G, Conesa D, Caro I
ACTAS ESPANOLAS DE PSIQUIATRIA
28 (2): 71-76 MAR-APR 2000

Document type: Article Language: Spanish [Cited References: 20](#) Times Cited: 0

- **Titles of creative works remain in the language used in source.**

THE CRUX OF HEROISM - INTERPRETATION OF THE KNIGHTS-CROSS IN GRASS,GUNTER
'KATZ UND MAUS'

PLAGWITZ FF
SEMINAR-A JOURNAL OF GERMANIC STUDIES
32 (1): 1-14 FEB 1996

Document type: Article Language: German [Cited References: 26](#) Times Cited: 0

- **Title enhancements are indicated by a plus sign or by parenthesis. (Arts & Humanities Search only).**

Restitution: A burden of proof (A Picasso at the Museum of Modern Art may have been looted)

Eakin H
ARTNEWS
99 (6): 60-60 JUN 2000

Document type: Article Language: English [Cited References: 1](#) Times Cited: 0

Book Review Search

- The names of all authors, editors, translators and commentators are included in the **TITLE** field.

TOPIC: mason and french revolution

Restrict search to a specific language or document type: **All Languages, Book Review**

SET LIMITS AND SORT OPTION

Restrict search to a specific language or document type:
(Multiple items may be selected from lists)

All languages

English

Afrikaans

Arabic

Bengali

Bibliography

Biographical-Item

Book Review

Chronology

Correction

Sort results by

Latest date

Times Cited

Relevance

First author

Source Title

Restrict the search to a specific document type by selecting one or more document types from the center pull-down menu.

Back to [top of Search](#) page

Singing the French Revolution. Popular culture and politics, 1787-1799 by Mason L Godineau D

REVUE D HISTOIRE MODERNE ET CONTEMPORAINE
47 (4): 847-849 OCT-DEC 2000

Document type: Book Review Language: French [Cited References: 1](#) Times Cited: 0

Cited References

[Singing the French Revolution. Popular culture and politics, 1787-1799](#) by Mason L Godineau D

REVUE D HISTOIRE MODERNE ET CONTEMPORAINE
47 (4): 847-849 OCT-DEC 2000

[FIND RELATED RECORDS](#) [Explanation](#)

Clear the checkbox to the left of an item if you do not want to search for articles that cite the item when looking at Related Records.

Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/> MASON L	SINGING FRENCH REVOL			1996

Book reviews always list the reviewed book as a cited reference.

- Before 1997, if the original language of the book is not English, the language is given in the **TITLE** field.

Searching By Source Author

ISI captures ALL authors. All authors can be searched, displayed, printed, and/or exported.

- Enter the surname, followed by a space and up to 5 initials.

Source Document	ISI Database	Search by:
Alan Boyd C.D.E. Smith	Smith ABCDE	AUTHOR: smith abcde AUTHOR: smith a*

- Search for variations on names where the family name may not be the last name.

Source Document	ISI Database	Search by:
Shi-Wa Yen	Yen SW Shi WY	AUTHOR: yen sw or shi wy
Uzonyi Kiss Sandor	Uzonyi KS Sandor UK Kiss SU	AUTHOR: uzonyi ks or sandor uk or kiss su

- Compound names are fused prior to 1997. Search them in fused and compound forms for complete retrieval.

Source Document	ISI Database	Search by:
D. Lagadic-Gossmann	Lagadic Gossmann D LagadicGossmann D	AUTHOR: lagadic gossmann d* or lagadicgossmann d*
Geraldo Felipe de la Fuente	de la Fuente GF de la Fuente GF	AUTHOR: de la fuente g* or delafuente g*
J. O'Brien	O'Brien J OBrien J	AUTHOR: o'brien j* or obrien j*

- Titles of rank, generational designations, such as Junior or Senior, and academic degrees are dropped.

Source Document	ISI Database	Search by:
Lord Duvall Edwards	Edwards D	AUTHOR: edwards d*
W. Brumfitt, Jr.	Brumfitt W	AUTHOR: brumfitt w*

Searching By Source Title (Journal Name)

- The SOURCE TITLE field is phrase-indexed. Select title(s) from the Full Journal [source list](#). Cut and paste the title from the list, enter the title in full, or enter the first few words of the title and truncate from the right.

SOURCE TITLE: Enter journal title or copy and paste from the [source list](#) ← Click the [source list](#) link.

SOURCE TITLE: *biochemical and biophys**

Retrieves:

BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS

Does not retrieve:

JOURNAL OF BIOCHEMICAL OR BIOPHYSICAL METHODS

SOURCE TITLE: *science*

Retrieves only:

SCIENCE

SOURCE TITLE: *science**

Retrieves:

SCIENCE

SCIENCE PROGRESS

But does not retrieve:

SOCIAL SCIENCE & MEDICINE

- Internal punctuation and ampersands may be entered and will display, but will be searched as a space.

SOURCE TITLE: *blood coagulation & fibrinolysis*

Retrieves:

BLOOD COAGULATION & FIBRINOLYSIS

SOURCE TITLE: *a + u-architecture and urbanism*

Retrieves:

A + U-ARCHITECTURE AND URBANISM

- Search our master journal list, including a one-year rolling file of journal coverage changes. Point your browser to:

www.isinet.com/isi/journals

Searching By Address

- From 1966 forward, ISI captures ALL author addresses. All addresses can be searched, displayed, printed, and/or exported.
- Reprint authors are shown. Other addresses are *not* paired with authors.
- ISI applies standard abbreviations for common address terms. Click the [abbreviations list](#) link to the Address Abbreviations Help page to identify abbreviated terms. Truncate abbreviations for complete retrieval.
- ISI also abbreviates some corporate and institution names and state/country names. To view these abbreviations, click the [corporate and institution names](#) and [state/country names](#) links located on the Address Abbreviations Help page.
- Some abbreviations such as "univ" and "inst" occur in addresses so frequently that they may *only* be searched with other significant address terms. Refer to the hypertext link [disallowed words](#) in the Address section of the General Search Help page.
- Use the most significant address terms and the SAME operator.

ADDRESS: Enter terms from an author's affiliation as YALE UNIV SAME HOSP (see [abbreviations list](#))

wistar inst same gene*

Addresses:

Halazonetis TD, **Wistar Inst**, Dept Mol **Genet**, 3601 Spruce St, Philadelphia, PA 19104 USA

Wistar Inst, Dept Mol **Genet**, Philadelphia, PA 19104 USA

Univ Penn, Dept Pathol & Lab Med, Philadelphia, PA 19104 USA

Univ Penn, Sch Med, Grad Program Cell & Mol Biol, Philadelphia, PA 19104 USA

- **Addresses are searchable by institution, department, street, city, state, province, country, postal code, or any combination of these components.**

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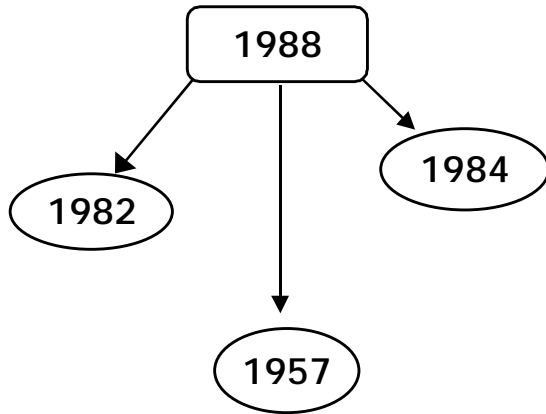
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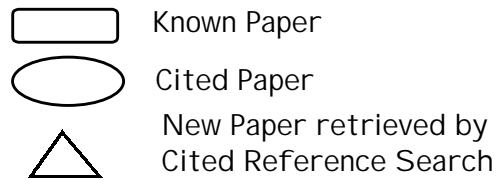
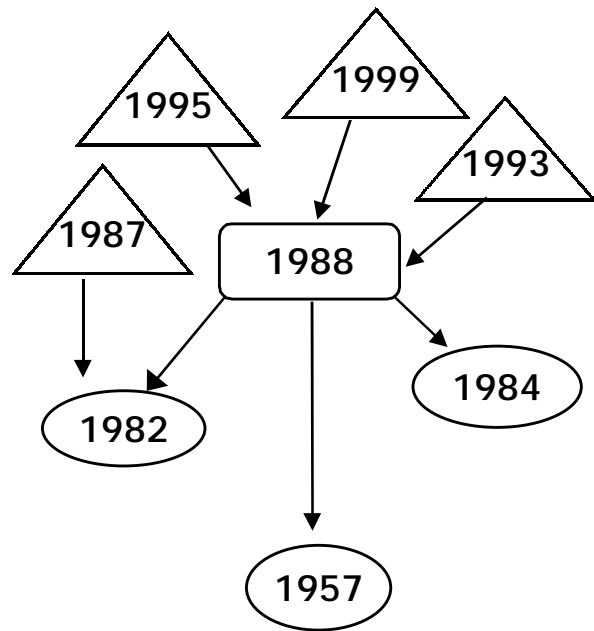
Cited Reference Search

Cited Reference Searching

Traditional Searching



Cited Reference Searching



Principles & Uses of Citation Searching

Citation indexing uses the cited references in published articles as index terms or entries. It exploits the formal linkages between papers established by the authors themselves. Citation searching offers the unique capability of finding new, unknown information based on older, known information.

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Copper binding to the prion protein: Structural implications of four identical cooperative binding sites

(octarepeat peptides/nuclear magnetic resonance/circular dichroism/electron spin resonance)

JOHN H. VILES*, FRED E. COHEN†‡§¶, STANLEY B. PRUSINER¶||, DAVID B. GOODIN*, PETER E. WRIGHT*,**††,
AND H. JANE DYSON*††

Department of *Molecular Biology and **Skaggs Institute for Chemical Biology, Scripps Research Institute, La Jolla, CA 92037; and Departments of †Neurology, ‡Pharmaceutical Chemistry, §Cellular and Molecular Pharmacology, ¶Medicine, and ||Biochemistry and Biophysics, University of California, San Francisco, CA 94143

Contributed by Stanley B. Prusiner, December 29, 1998

ABSTRACT Evidence is growing to support a functional role for the prion protein (PrP) in copper metabolism. Copper ions appear to bind to the protein in a highly conserved octapeptide repeat region (sequence PHGGGWGQ) near the N terminus. To delineate the site and mode of binding of Cu(II) to the PrP, the copper-binding properties of peptides of varying lengths corresponding to 2-, 3-, and 4-octarepeat sequences have been probed by using various spectroscopic techniques. A two-octarepeat peptide binds a single Cu(II) ion with $K_d \approx 6 \mu\text{M}$ whereas a four-octarepeat peptide cooperatively binds four Cu(II) ions. Circular dichroism spectra indicate a distinctive structuring of the octarepeat region on Cu(II) binding. Visible absorption, visible circular dichroism, and electron spin resonance spectra suggest that the coordination sphere of the copper is identical for 2, 3, or 4 octarepeats, consisting of a square-planar geometry with three nitrogen ligands and one oxygen ligand. Consistent with the pH dependence of Cu(II) binding, proton NMR spectroscopy indicates that the histidine residues in each octarepeat are coordinated to the Cu(II) ion. Our working model for the structure of the complex shows the histidine residues in successive octarepeats bridged between two copper ions, with both the N ϵ 2 and N δ 1 imidazole nitrogen of each histidine residue coordinated and the remaining coordination sites occupied by a backbone amide nitrogen and a water molecule. This arrangement accounts for the cooperative nature of complex formation and for the apparent evolutionary requirement for four octarepeats in the PrP.

Prion diseases are a novel class of neurodegenerative diseases, including scrapie in sheep, bovine spongiform encephalopathy in cattle, and Creutzfeldt-Jacob disease in humans (1). A new variant form of Creutzfeldt-Jacob disease has been reported that is thought to be caused by the ingestion of infected beef (2, 3). A variety of biochemical, biophysical, cell biologic, and transgenic experiments have indicated that the critical pathogenic event in prion disease is the misfolding of a benign cellular prion protein (PrP^C) to form the infectious disease-causing isoform, the scrapie isoform of PrP (4-7).

Until recently, little has been known about the normal function of PrP^C in the brain. There is now a body of evidence to indicate a role for PrP^C in copper metabolism. Mice deficient in PrP^C showed a >10-fold reduction of copper in a microsomal fraction from brain relative to wild-type mice and a reduction in activity of Cu/Zn superoxide dismutase (8). It also has been shown that cerebellar cells from mice deficient in PrP^C are more sensitive to copper toxicity and oxidative stress (9).

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Mature Syrian hamster PrP^C is a glycoprotein containing two N-linked carbohydrates and one disulfide bridge. Post-translational processing results in the cleavage of a 22-residue leader sequence and the C-terminal tail after the attachment of a glycosylphosphatidylinositol anchor to serine 231. The solution structures of the mouse prion protein fragment, PrP(121-231) (10, 11), and of Syrian hamster PrP(90-231) (12) have been reported. The sequence of PrP(90-231) corresponds to the protease-resistant core of the scrapie isoform of PrP (PrP^{Sc}), which can mediate prion disease.

The secondary structure of the full length Syrian hamster PrP(29-231) has been determined, and the dynamic properties of the protein backbone have been measured (13). The secondary structural elements of the full length apo PrP(29-231) are identical to those of PrP(90-231). The N-terminal half of the apoprotein, residues 29-124, is unstructured, with considerable backbone flexibility (13). Residues 51-91 contain an unusual glycine-rich repeat every eight residues; this sequence is termed the octarepeat region. Residues 60-91 consist of four octarepeat sequences (PHGGGWGQ)₄, and residues 51-59 have a homologous sequence but lack the histidine residue

1. Prusiner, S. B. (1997) *Science* **278**, 245-251.
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12. James, T. L., Liu, H., Ulyanov, N. B., Farr-Jones, S., Zhang, H., Donne, D. G., Kaneko, K., Groth, D., Mehlhorn, I., Prusiner, S. B., et al. (1997) *Proc. Natl. Acad. Sci. USA* **94**, 10086-10091.
13. Donne, D. G., Viles, J. H., Groth, D., Mehlhorn, I., James, T. L., Cohen, F. E., Prusiner, S. B., Wright, P. E. & Dyson, H. J. (1997) *Proc. Natl. Acad. Sci. USA* **94**, 13452-13457.

Cited Reference Components

Bibliographic elements of a cited journal article

- Cited Author** First listed author's surname (up to 15 characters), a space, and up to 3 initials.
- Cited Work** Title of work, abbreviated to 20 characters. The Cited Work [list](#) link on the search page lists abbreviations for ISI source journals *only*.
- Cited Year** Year of publication (as cited).
- Volume** Volume number, limited to 4 characters (*Display only*).
- Page** Beginning page number, limited to 5 characters (*Display only*).

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[Copper binding to the prion protein: Structural implications of four identical cooperative binding sites](#)

Viles JH, Cohen FE, Prusiner SB, et al.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA

96 (5): 2042-2047 MAR 2 1999

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Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/> BILLETER M	P NATL ACAD SCI USA	94	7281	1997
<input checked="" type="checkbox"/> BROWN DR	J NEUROCHEM	70	1686	1998
<input checked="" type="checkbox"/> BROWN DR	NATURE	390	684	1997
<input checked="" type="checkbox"/> BRYCE GF	J BIOL CHEM	241	122	1966
<input checked="" type="checkbox"/> BRYCE GF	J BIOL CHEM	240	3837	1965
<input checked="" type="checkbox"/> CAMERMAN N	CAN J CHEM	54	1309	1976
<input checked="" type="checkbox"/> CHAZOT G	LANCET	347	1181	1996
<input checked="" type="checkbox"/> DONNE DG	P NATL ACAD SCI USA	94	13452	1997
<input checked="" type="checkbox"/> FREEDMAN JH	BIOCHEMISTRY-US	21	4540	1982
<input checked="" type="checkbox"/> FREEMAN HC	ADV PROTEIN CHEM	22	257	1967
<input checked="" type="checkbox"/> GILL SC	ANAL BIOCHEM	182	319	1989
<input checked="" type="checkbox"/> HARRIS DA	P NATL ACAD SCI USA	88	7664	1991
<input checked="" type="checkbox"/> HORNSHAW MP	BIOCHEM BIOPH RES CO	214	993	1995
<input checked="" type="checkbox"/> HORWICH AL	CELL	89	499	1997
<input checked="" type="checkbox"/> JAMES TL	P NATL ACAD SCI USA	94	10086	1997
<input checked="" type="checkbox"/> KANEKO K	P NATL ACAD SCI USA	94	10069	1997
<input checked="" type="checkbox"/> MEHLHORN I	BIOCHEMISTRY-US	35	5528	1996
<input checked="" type="checkbox"/> MIURA T	FEBS LETT	396	248	1996
<input checked="" type="checkbox"/> PAN KM	P NATL ACAD SCI USA	90	10962	1993
<input checked="" type="checkbox"/> PAN KM	PROTEIN SCI	1	1343	1992

Cited Reference Searching

If you want to find out what articles have cited a particular work, **choose Cited Reference Search** from the **Full Search** page. An example of a cited reference search for this article follows:

J.R. Petit, J. Jouzel, D. Raynaud, N.I. Barkov, J.M. Barnola, I. Basile, M. Bender, J. Chappellaz, M. Davis, G. Delaygue, M. Delmotte, V.M. Kotlyakov, M. Legrand, V.Y. Lipenkov, C. Lorius, L. Pepin, C. Ritz, E. Saltzman, M. Stievenard. "Climate and atmospheric history of the past 420,000 years from the Vostok ice core, Antarctica" *Nature*, 399 (6735): 429-436, Jun. 3, 1999.

Click the **LOOKUP** button to get a list of the cited papers from the index that match the criteria you specified.

The screenshot shows the 'CITATION DATABASES' section of the ISI Web of Science interface. At the top, there are navigation buttons for HOME, HELP, DATE & DB LIMITS, GENERAL SEARCH, and LOG OFF. Below this is a search bar with a 'LOOKUP' button. A callout box points to this button with the text 'Click Lookup to search.' Below the search bar is the heading 'STEP 1: CITED REFERENCE LOOKUP' and the instruction 'Enter individual search terms or phrases separated by OR'. There are three input fields: 'CITED AUTHOR:' with the text 'petit j or petit jr', 'CITED WORK:' with the text 'nature*', and 'CITED YEAR:'. A callout box points to the 'CITED AUTHOR' and 'CITED WORK' fields with the following instructions: 'Use variations or truncate the initials of the cited author.' and 'Truncate the terms in the cited work field in order to match different forms of an abbreviated journal name or book title.' Below the input fields are three buttons: 'LOOKUP' (with the text 'Display list of cited references containing terms entered above.'), 'SAVE QUERY' (with the text 'Save the search as entered above for future use.'), and 'CLEAR' (with the text 'Clear all search terms entered above.').

Cited Reference Search—Lookup Page

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Cited Reference Search

Entered query: Cited Work=nature*; Cited Author=petit j or petit jr;
 Expanded, SSCI, A&HCI; Timespan=All Years

REFERENCE SELECTION

View the cited references that match your search request and the number of times each is cited. Select all desired references (including variants) and then press Search.

[View document type limits and sort option.](#)

Select specific references from list

to find articles that cite selected references.

STEP 2: CITED

The table lists all of the cited references. The number of times each variation has been cited is shown.

[Set language and document type](#)

Notice that this paper has been cited several different ways. Citation variants are often due to a paper's volume, page, and year being cited incorrectly. Select the appropriate variants then click **Search**.

Hits	Cited Author	Cited Work	Volume	Page	Year	
<input checked="" type="checkbox"/>	74	PETIT JR	NATURE	399	429	1999
<input checked="" type="checkbox"/>	1	PETIT JR	NATURE	399	436	1999
<input type="checkbox"/>	4	...Petit JR	NATURE	398	410	1999
<input type="checkbox"/>	1	PETIT JR	NATURE	387	359	1998
<input type="checkbox"/>	21	PETIT JR	NATURE	387	359	1997
<input type="checkbox"/>	204	...Petit JR	NATURE	364	407	1993
<input type="checkbox"/>	1	PETIT JR	NATURE	343	391	1993
<input type="checkbox"/>	132	PETIT JR	NATURE	343	56	1990
<input type="checkbox"/>	1	PETIT JR	NATURE	343	273	1990
<input type="checkbox"/>	1	PETIT JR	NATURE	343	538	1990
<input type="checkbox"/>	1	PETIT JR	NATURE	332	593	1988
<input type="checkbox"/>	284	...Petit JR	NATURE	329	403	1987
<input type="checkbox"/>	20	PETIT JR	NATURE	326	62	1987
<input type="checkbox"/>	1	PETIT JR	NATURE		291	1981
<input type="checkbox"/>	3	PETIT JR	NATURE	293	139	1981
<input type="checkbox"/>	1	PETIT JR	NATURE	293	384	1981
<input type="checkbox"/>	152	PETIT JR	NATURE	293	391	1981
<input checked="" type="checkbox"/>	1	PETIT JR	NATURE	399	429	1909
<input checked="" type="checkbox"/>	1	PETIT JR	NATURE	0603	429	1999

References 1 -- 19

or select specific references from list.

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SET LIMITS AND SORT OPTION

Restrict search to a specific language or document type:
 (Multiple items may be selected from lists)

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- Afrikaans
- Arabic
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All document types

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- Abstract of Published Item
- Art Exhibit Review
- Bibliography

Sort results by

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- Times Cited
- Relevance
- First author
- Source Title

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Cited Reference Search Results—Summary

As these papers cite Petit's paper, they are about the same subject even though they may not use the same terminology. It is possible that you would have missed these papers in a traditional subject search due to inconsistent terminology.

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HOME HELP DATE & DB LIMITS GENERAL SEARCH CITED REF SEARCH LOG OFF

Cited Reference Search Results--Summary

Cited Author=petit j or petit jr; Cited Work=nature*; DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years; (sorted by latest date)

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

◀◀◀ [1 | 2 ... ▶▶▶

Use the checkboxes to add individual articles to the Marked List. Be sure to click SUBMIT MARKS button before leaving page.

- Jackson ST, Overpeck JT
[Responses of plant populations and communities to environmental changes of the late Quaternary](#)
PALEOBIOLOGY 26 (4): 194-220 Suppl. S 2000
- Kawamura K, Yokoyama K, Fujii Y, et al.
[A Greenland ice core record of low molecular weight dicarboxylic acids, ketocarboxylic acids, and alpha-dicarbonyls: A trend from Little Ice Age to the present \(1540 to 1989 AD\)](#)
J GEOPHYS RES-ATMOS 106 (D1): 1331-1345 JAN 16 2001
- Sommer S, Wagenbach D, Mulvaney R, et al.
[Glacio-chemical study spanning the past 2 kyr on three ice cores from Dronning Maud Land, Antarctica 2. Seasonally resolved chemical records](#)
J GEOPHYS RES-ATMOS 105 (D24): 29423-29433 DEC 27 2000
- Wang NL, Thompson LG, Cole-Dai J
[The nature of the solar activity during the Maunder Minimum revealed by the Guliya ice core record](#)
CHINESE SCI BULL 45 (23): 2118-2125 DEC 2000
- Murray-Wallace CV, Brooke BP, Cann JH, et al.
[Whole-rock aminostratigraphy of the Coorong Coastal Plain, South Australia: towards a 1 million year record of sea-level highstands](#)
J GEOL SOC LONDON 158: 111-124 Part 1 JAN 2001
- Miller CE, Yung YL
[Photo-induced isotopic fractionation](#) ← Click on the title to move to the full record.
J GEOPHYS RES-ATMOS 105 (D23): 29039-29051 DEC 16 2000
- Sowers T, Jubenville J
[A modified extraction technique for liberating occluded gases from ice cores](#)
J GEOPHYS RES-ATMOS 105 (D23): 29155-29164 DEC 16 2000
- Gao Y, Kaufman YJ, Tanre D, et al.
[Seasonal distributions of aeolian iron fluxes to the global ocean](#)
GEOPHYS RES LETT 28 (1): 29-32 JAN 1 2001
- Monnin E, Indermuhle A, Dallenbach A, et al.
[Atmospheric CO2 concentrations over the last glacial termination](#)
SCIENCE 291 (5501): 112-114 JAN 5 2001
- Masson V, Vimeux F, Jouzel J, et al.
[Holocene climate variability in Antarctica based on 11 ice-core isotopic records](#)
QUATERNARY RES 54 (3): 348-358 NOV 2000

SUBMIT MARKS MARK PAGE MARK ALL Page 1 (Articles 1 -- 10):

◀◀◀ [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8] ▶▶▶

77 of 29606743 documents matched the query.

Secondary Cited Author Searching

Secondary cited authors are searchable when a cited journal also exists as a source record in the database(s) in your subscription. For example, you can look up the references to the article by J.R. Petit, J. Jouzel, D. Raynaud, N.I. Barkov, J.M. Barnola, et al. by entering *jouzel j** or *raynaud d** or *barkov n** or *barnola j** as the cited author.

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 Enter individual search terms or phrases separated by OR

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

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 The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 20 |<< < [1 | 2] > >> |

	Hits	Cited Author	Cited Work	Volume	P
<input checked="" type="checkbox"/>	76	...Barnola JM	NATURE	399	429 1999
<input type="checkbox"/>	1	BARNOLA JM	NATURE	329	408 1997
<input type="checkbox"/>	123	...Barnola JM	NATURE	366	443 1993
<input type="checkbox"/>	6	...Barnola JM	NATURE	364	203 1993
<input type="checkbox"/>	207	...Barnola JM	NATURE	364	407 1993
<input type="checkbox"/>	171	...Barnola JM	NATURE	345	127 1990
<input type="checkbox"/>	4	BARNOLA JM	NATURE	329	408 1989

Remember, cited reference variants are only found with the first listed author. A secondary cited author record will always be linked to a source record.

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 Enter individual search terms or phrases separated by OR.

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To account for changes in the way names have been indexed in ISI's database, enter names with punctuation in both fused and unfused forms.

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23 references matched query: Cited Work=jama* or j amer med* or j am me
 Databases=SCI-EXPANDED, SSCI, AMHCI; Timespan=All Years

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References 1 -- 20 |<< < [1 | 2] > >> |

Hits	Cited Author	Cited Work	Volume	Page	Year
<input type="checkbox"/> 35	...O'brien TR	JAMA-J AM MED ASSOC	280	42	1998
<input type="checkbox"/> 7	...Obrien TA	JAMA-J AM MED ASSOC	265	2958	1991
<input type="checkbox"/> 1	OBRIEN TF	J AM MEDICAL ASS	239	1515	1978
<input type="checkbox"/> 44	...Obrien TF	J ANKER MED ASSOC	218	706	1972
<input type="checkbox"/> 15	...Obrien TF	J ANKER MED ASSOC	217	83	1971
<input type="checkbox"/> 1	OBRIEN TF	JAMA	239	518	1978
<input type="checkbox"/> 4	...Obrien TF	JAMA-J AM MED ASSOC	254	774	1985
<input type="checkbox"/> 1	OBRIEN TF	JAMA-J AM MED ASSOC	239	1518	1978
<input type="checkbox"/> 1	OBRIEN TF	JAMA-J AM MED ASSOC	239	465	1978
<input type="checkbox"/> 53	OBRIEN TF	JAMA-J AM MED ASSOC	239	1518	1978
<input type="checkbox"/> 30	OBRIEN TF	JAMA-J AM MED ASSOC	210	84	1969
<input type="checkbox"/> 1	OBRIEN TF	JAMA-J AM MED ASSOC	21	84	1969
<input type="checkbox"/> 7	OBRIEN TR	JAMA-J AM MED ASSOC	279	317	1998
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<input type="checkbox"/> 1	OBRIEN TR	JAMA-J AM MED ASSOC	276	105	1997
<input type="checkbox"/> 152	OBRIEN TR	JAMA-J AM MED ASSOC	276	105	1996
<input type="checkbox"/> 2	OBRIEN TR	JAMA-J AM MED ASSOC	271	503	1994
<input type="checkbox"/> 1	OBRIEN TR	JAMA-J AM MED ASSOC	267	2775	1992
<input type="checkbox"/> 127	...Obrien TR	JAMA-J AM MED ASSOC	267	2769	1992
<input type="checkbox"/> 47	OBRIEN TR	JAMA-J AM MED ASSOC	267	2775	1992

When there is no link directly to the full record, it generally means that the article was cited incorrectly, or the source record is not in the database.

The ellipses (...) show that O'Brien is a secondary cited author.

To retrieve articles that cite J.J. Nattiez's works in the *International Review of the Aesthetics and Sociology of Music*, enter the following search terms:

STEP 1: CITED REFERENCE LOOKUP
 Enter individual search terms or phrases separated by OR

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

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Cited Reference Search

13 references matched query: Cited Work=irasm* or int rev aes* or i rev aes*; Cited Author=nattiez*; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

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[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 13 |<< [1] >>|

Hits	Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/>	1 NATTIEZ	IRASM	8		1977
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHET SOCI	4	51	1972
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETI JUL		64	1974
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS M	5	62	1974
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS M	4	54	1973
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS S	6	94	1975
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS S	7	73	1974
<input checked="" type="checkbox"/>	8 NATTIEZ JJ	INT REV AESTHETICS S	5	61	1974
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS S		51	1973
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	INT REV AESTHETICS S	4	56	1973
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	IRASM	6	61	1975
<input checked="" type="checkbox"/>	1 NATTIEZ JJ	IRASM	5	63	1974
<input checked="" type="checkbox"/>	2 NATTIEZ JJ	IRASM	5	71	1974

Cited Book

Bibliographic elements of a cited book

- Cited Author** Author's surname (up to 15 characters), a space, and up to 3 initials. Separate multiple author surnames with OR.
- Cited Work** Title of work, abbreviated to 20 characters. Cited books in particular frequently have many variations (e.g. cited pages, editions, translations, reprints). Truncate the cited work to get all variations.
- Cited Year** Year of publication as cited.

Book Citation:

Stephen Jay Gould. *Hen's Teeth and Horse's Toes*. New York: W.W. Norton & Company, Inc., 1983.

To find articles that have cited this book, enter the following search terms:

STEP 1: CITED REFERENCE LOOKUP
Enter individual search terms or phrases separated by OR

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

Cited Book Results

ISI Web of Science
CITATION DATABASES

HOME
 HELP
 DATE & DB LIMITS
 GENERAL SEARCH
 CITED REF SEARCH
 LOG OFF

Cited Reference Search

44 references matched query: Cited Work=hens teeth*; Cited Author=gould *;
Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION

The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 20
 [1 | 2 | 3]

	Hits	Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/>	1	GOULD J	HENS TEETH HORSES TO			
<input checked="" type="checkbox"/>	1	GOULD JG	HENS TEETH HORSES TO		291	1983
<input checked="" type="checkbox"/>	2	GOULD S	HENS TEETH HORSES TO			1983
<input checked="" type="checkbox"/>	1	GOULD S	HENS TEETH HORSES TO		134	1983
<input checked="" type="checkbox"/>	1	GOULD S	HENS TEETH HORSES TO		170	1983
<input checked="" type="checkbox"/>	1	GOULD S	HENS TEETH HORSES TO		282	1983
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH AND HORSE			
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSE TOE			1983
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES			1984
<input checked="" type="checkbox"/>	12	GOULD SJ	HENS TEETH HORSES TO			
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO			1994
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO			1993
<input checked="" type="checkbox"/>	2	GOULD SJ	HENS TEETH HORSES TO			1990
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO		177	1987
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO		260	1986
<input checked="" type="checkbox"/>	2	GOULD SJ	HENS TEETH HORSES TO			1985
<input checked="" type="checkbox"/>	12	GOULD SJ	HENS TEETH HORSES TO			1984
<input checked="" type="checkbox"/>	3	GOULD SJ	HENS TEETH HORSES TO		72	1984
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO		254	1984
<input checked="" type="checkbox"/>	1	GOULD SJ	HENS TEETH HORSES TO		262	1984

References 1 -- 20
 [1 | 2 | 3]

Use the page numbers or arrows to move through the lookup table.

Web of Science V 4.3 Workshop

55

Cited Patent

Bibliographic elements of a cited patent

- Cited Author** Patent Assignee (person or organization).
- Cited Work** Patent Number. Do not include country code. (Country code displays, but is not searchable).
- Cited Year** Year as cited.

STEP 1: CITED REFERENCE LOOKUP
 Enter individual search terms or phrases separated by OR

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

ISI Web of Science CITATION DATABASES

Cited Reference Search

4 references matched query: Cited Work=3953566; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION
 The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 4 |<<< [1] >>>|

Hits	Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/>	2	GORE	3953566	US	1976
<input checked="" type="checkbox"/>	13	GORE RW	3953566	US	1976
<input checked="" type="checkbox"/>	1	GORE WL	3953566	US	1976
<input checked="" type="checkbox"/>	1		3953566	US	1976

The patents in this example are linked to records in the *Derwent Innovations Index*. If your institution does not subscribe to DII, these links will not be available.

The country code displays under volume in the cited reference lookup table.

Cited Corporate Author

Bibliographic elements of a cited corporate author

- Cited Author** Organizational acronym or name. These names appear preceded by an asterisk in the lookup table. Do *not* search using the beginning asterisk.
- Cited Work** Name given to report.
- Cited Year** Year as cited.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

CITATION DATABASES

GENERAL SEARCH
CITED REF SEARCH
LOG OFF

HOME
HELP
DATE & DB LIMITS

Advanced Search **Cited Reference**

: Cited Author=ibm: 10 references matched query: Cited Work=sc230519
 Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION

The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 10 ◀◀◀ [1] ▶▶▶

	Hits	Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/>	2	*IBM	SC230519 IBM			1990
<input checked="" type="checkbox"/>	1	*IBM	SC23051902 IBM			1991
<input checked="" type="checkbox"/>	1	*IBM	SC23051902 OPT SUBR			1991
<input checked="" type="checkbox"/>	2	*IBM	SC23051904 IBM			1995
<input checked="" type="checkbox"/>	1	*IBM	SC23051991 IBM CORP			1990
<input checked="" type="checkbox"/>	1	*IBM CORP	SC23051902 IBM CORP			1991
<input checked="" type="checkbox"/>	1	*IBM CORP	SC23051903 IBM CORP			1992
<input checked="" type="checkbox"/>	3	*IBM CORP	SC2305192 IBM CORP			1991
<input checked="" type="checkbox"/>	1	*IBM CORP				1991
<input checked="" type="checkbox"/>	1	*IBM OSL				1990

Note that the asterisk (*) that precedes the corporate name is displayed only; do not search using the beginning asterisk.

Cited Government Report

Bibliographic elements of a cited government report

- Cited Author** Person or institution responsible for report. The name or acronym appears preceded by an asterisk. Do *not* search using the beginning asterisk.
- Cited Work** Report number, often fused to organizational acronym.
- Cited Year** Year as cited.

United States Department of Health, Education and Welfare may be abbreviated as:
DHEW or DHHS or HEW or HHS or US DHEW or US DHHS or US DEPT
HEW or US DEPT HHS.

These abbreviations may occur as the cited author or cited work or both.

STEP 1: CITED REFERENCE LOOKUP

Enter individual search terms or phrases separated by OR

LOOKUP

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

dhew* or dhhs* or hew or hhs* or us dhew* or us dh

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

1974 or 1975

- If your Cited Reference Lookup finds more matches than allowed by the system (500), limit your search to several years at a time.

Cited Government Report—Results

WEB OF SCIENCE

Cited Reference Search

416 references matched query; Cited Year=1974 or 1975; Cited Author=dhew* or dhhs* or hew or hhs* or us dhew* or us dhhs* or us dept hew* or us dept hhs*; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION

The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 81 -- 100

Hits	Cited Author	Cited Work	Volume	Page	Year	
<input type="checkbox"/>	1	*US DEPT HEW	NHLBI7720 RFP		1975	
<input type="checkbox"/>	1	*US DEPT HEW	OS7388 MED MALPR		1974	
<input type="checkbox"/>	1	*US DEPT HEW	PROGR MAN		1974	
<input type="checkbox"/>	1	*US DEPT HEW AM NU	HRA7431 PUBL		1974	
<input type="checkbox"/>	1	*US DEPT HEW SOC	SSA7411920 NAT HLTH		1974	
<input type="checkbox"/>	1	*US DEPT HHS	WORLD ALM BOOK FACTS		1975	
<input type="checkbox"/>	1	*US DHEW	0575120 DHEW PUBL	1	1974	
<input type="checkbox"/>	1	*US DHEW	0575120 PUB		1974	
<input type="checkbox"/>	1	*US DHEW	10 LEAD CAUS DEATH U		1975	
<input checked="" type="checkbox"/>	1	*US DHEW	11 VIT HLTH STAT 1		1975	
<input type="checkbox"/>	1	*US DHEW	1950 1969 US CANC MO		1974	
<input checked="" type="checkbox"/>	1	*US DHEW	1960 74 VIT STAT US	1	1975	
<input type="checkbox"/>	1	*US DHEW	1968 PATT PREV TEEN		1974	
<input checked="" type="checkbox"/>	1	*US DHEW	197 VIT STAT US		1974	
<input type="checkbox"/>	1	*US DHEW	1970 CENS AM IND STU	3	1974	
<input type="checkbox"/>	1	*US DHEW	1970 DEC CENS DAT SE		1975	
<input type="checkbox"/>	1	*US DHEW	1970 PATT PREV TEEN		1974	
<input checked="" type="checkbox"/>	1	*US DHEW	1970 VIT STAT US	128	2	1974
<input checked="" type="checkbox"/>	2	*US DHEW	1970 VIT STAT US	2	318	1974
<input type="checkbox"/>	1	*US DHEW	1972 AD		1974	

References 81 -- 100

Cited Reference Searching in Arts & Humanities Citation Index

- **ILLUSTRATIONS** - When a citing article includes an illustration of a work of art, “ILL” displays as the cited volume.

STEP 1: CITED REFERENCE LOOKUP

Enter individual search terms or phrases separated by OR

LOOKUP

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

picasso

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

guernica*

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

References 1 -- 18

⏪ ⏩ [1] ⏪ ⏩

	Hits	Cited Author	Cited Work	Volume	Page	Year
<input type="checkbox"/>	1	PICASSO	GUERNICA	ILL		
<input type="checkbox"/>	95	PICASSO P	GUERNICA			
<input type="checkbox"/>	15	PICASSO P	GUERNICA	ILL		
<input type="checkbox"/>	1	PICASSO P	GUERNICA	IMP		
<input type="checkbox"/>	26	PICASSO P	GUERNICA	ILL		1937
<input type="checkbox"/>	6	PICASSO P	GUERNICA			1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA	ILL		1936
<input type="checkbox"/>	1	PICASSO P	GUERNICA DEENSKIZZE	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA STUDIES			1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 1	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 2	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 3	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 4	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 5	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 6	ILL		1937
<input type="checkbox"/>	1	PICASSO P	GUERNICA ZUSTAND 7	ILL		1937
<input type="checkbox"/>	1	PICASSO PP	GUERNICA			
<input type="checkbox"/>	1	PICASSO PR	GUERNICA			

Citations to Illustrations, Music Scores, and Implicit citations are noted in the Volume field.

References 1 -- 18

⏪ ⏩ [1] ⏪ ⏩

- **MUSICAL SCORES** - When a citing article includes a portion of a musical score, “MUS” displays as the cited volume.

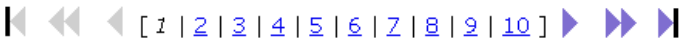
STEP 1: CITED REFERENCE LOOKUP
 Enter individual search terms or phrases separated by OR

Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

References 1 -- 20 

	Hits	Cited Author	Cited Work	Volume	Page	Year
<input type="checkbox"/>	1	BACH J	CANTATA BWV54			
<input type="checkbox"/>	1	BACH JB	CANTATA BWV208			
<input type="checkbox"/>	1	BACH JC	CANTATA BWV63			
<input type="checkbox"/>	1	BACH JS	CANTATA	113		
<input type="checkbox"/>	1	BACH JS	CANTATA	38		
<input type="checkbox"/>	1	BACH JS	CANTATA			1967
<input type="checkbox"/>	1	BACH JS	CANTATA 119	IMP		
<input checked="" type="checkbox"/>	1	BACH JS	CANTATA 121	MUS		
<input type="checkbox"/>	1	BACH JS	CANTATA 14 ORIGINALS			
<input type="checkbox"/>	1	BACH JS	CANTATA 140			
<input checked="" type="checkbox"/>	1	BACH JS	CANTATA 161	MUS		
<input type="checkbox"/>	1	BACH JS	CANTATA 181			
<input type="checkbox"/>	1	BACH JS	CANTATA 195			
<input type="checkbox"/>	1	BACH JS	CANTATA 21			
<input type="checkbox"/>	1	BACH JS	CANTATA 211 KAFFEEK			
<input type="checkbox"/>	1	BACH JS	CANTATA 211 SCHWEIGT			
<input type="checkbox"/>	1	BACH JS	CANTATA 212 CANTATE			
<input checked="" type="checkbox"/>	1	BACH JS	CANTATA 31	MUS		
<input type="checkbox"/>	1	BACH JS	CANTATA 31			
<input type="checkbox"/>	1	BACH JS	CANTATA 4 BWV 40	ILL		

- **IMPLICIT CITATIONS** - Arts & Humanities indexers identify features implicit references to works not included in a source article's formal bibliography or footnotes. For these implicit citations, "IMP" displays as the cited volume.

STEP 1: CITED REFERENCE LOOKUP

Enter individual search terms or phrases separated by OR

LOOKUP Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

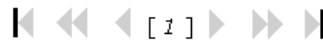
merton t*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

seven*

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

References 1 -- 8

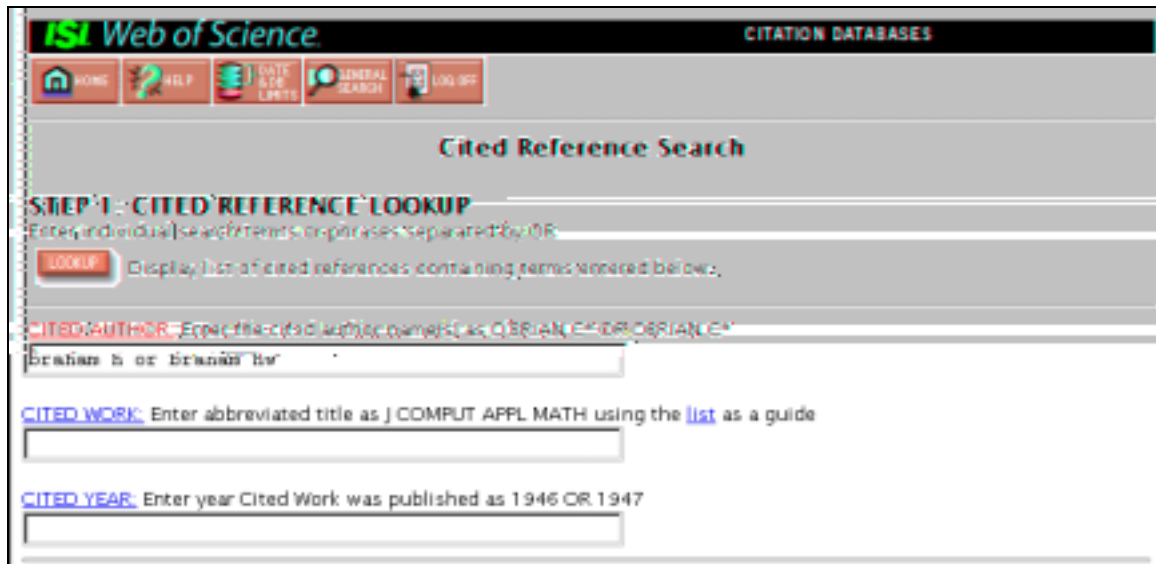


	Hits	Cited Author	Cited Work	Volume	Page	Year
<input type="checkbox"/>	15	MERTON T	SEVEN STOREY MOUNTAI			
<input checked="" type="checkbox"/>	1	MERTON T	SEVEN STOREY MOUNTAI	IMP		
<input type="checkbox"/>	1	MERTON T	SEVEN STOREY MOUNTAI			1970
<input type="checkbox"/>	8	MERTON T	SEVEN STOREY MOUNTAI			1948
<input type="checkbox"/>	1	MERTON T	SEVEN STOREY MOUNTAI			1941
<input type="checkbox"/>	3	MERTON T	SEVEN STORY MOUNTAIN			
<input type="checkbox"/>	1	MERTON T	SEVEN STORY MOUNTAIN			1948
<input type="checkbox"/>	1	MERTON T	SEVEN STORY MOUNTAIN			1946

Comprehensive Cited Author Searching

To find all citations to an author as available in ISI® citation databases, follow these steps:

1. Obtain a comprehensive bibliography of the author's works—articles, books, communications, proceedings papers, etc.
2. Determine the FIRST listed author for each work.
3. Perform a Cited Reference Search for the author.



The screenshot shows the ISI Web of Science interface for a Cited Reference Search. At the top, there is a navigation bar with links for HOME, HELP, DATE AND LIMITS, GENERAL SEARCH, and LOG OFF. The main heading is "Cited Reference Search". Below this, the interface is divided into sections for "STEP 1: CITED REFERENCE LOOKUP". The first section is for "CITED AUTHOR", with a "LOOKUP" button and a text input field containing "Branan B or Branon B". The second section is for "CITED WORK", with a text input field containing "J COMPUT APPL MATH" and a note to use a "list" as a guide. The third section is for "CITED YEAR", with a text input field containing "1946 OR 1947".

4. Select appropriate articles from all pages of the lookup table and perform search.

ISI Web of Science
CITATION DATABASES

HOME
HELP
HOME
GENERAL SEARCH
CITED REF SEARCH
LOG OFF

Cited Reference Search

90 references matched query: Cited Author=braham h or braham hw; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION
 The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

or select specific references from list.

to find articles that cite selected references.

References 1 -- 20 |<< < [1 | 2 | 3 | 4 | 5] > >> |>

Hits	Cited Author	Cited Work	Volume	Page	Year	
<input type="checkbox"/>	1	BRAHAM H	AUSSENPOLETIK	1	43	1992
<input type="checkbox"/>	4	...Braham H	CLIN GENET	45	194	1994
<input type="checkbox"/>	1	BRAHAM H	COMPT REND	130	499	1900
<input checked="" type="checkbox"/>	1	BRAHAM H	ENV ASSESSMENT ALASK		134	1977
<input checked="" type="checkbox"/>	2	BRAHAM H	ENV ASSESSMENT ALASK	1	134	1977
<input type="checkbox"/>	1	BRAHAM H	I GENTLEMAN BIIII		RC1	1568
<input type="checkbox"/>	1	BRAHAM H	I NEVER WAS MEANT FO			1875
<input checked="" type="checkbox"/>	8	...Braham H	MAR FISH REV	42	51	1980
<input checked="" type="checkbox"/>	1	BRAHAM H	MARINE FISHERIES REV			
<input checked="" type="checkbox"/>	5	BRAHAM H	MARINE FISHERIES REV	42	70	1980
<input type="checkbox"/>	1	BRAHAM H	PARNIGIANINO PAINTIN			1998
<input type="checkbox"/>	1	BRAHAM H	PARNIGIANINO PAINTIN			1987
<input type="checkbox"/>	7	BRAHAM H	PRINCES GATE COLLECT			1981
<input checked="" type="checkbox"/>	7	BRAHAM H	REP INT WHALING COMM	30	405	1980
<input checked="" type="checkbox"/>	23	BRAHAM H	REP INT WHALING COMM	29	291	
<input checked="" type="checkbox"/>	1	BRAHAM H	REPORT INT WHALING C	29	291	
<input type="checkbox"/>	1	BRAHAM H	RUBENS PAINTINGS DRA			
<input type="checkbox"/>	1	BRAHAM H	UNPUB 1978 ANN M IWC			
<input checked="" type="checkbox"/>	1	BRAHAM HW	1975 76 US DEP COMM			
<input checked="" type="checkbox"/>	1	BRAHAM HW	1ST P C BIOL BOWH WH			

References 21 -- 40 |<< < [1 | 2 | 3 | 4 | 5] > >> |>

Hits	Cited Author	Cited Work	Volume	Page	Year	
<input checked="" type="checkbox"/>	1	BRAHAM HW	32ND INT WHAL COMM A			1980
<input checked="" type="checkbox"/>	1	BRAHAM HW	35 H SCI COMM INT WH			1983
<input type="checkbox"/>	1	BRAHAM HW	ANNOTATED BIBLIO RIO		65	1986
<input checked="" type="checkbox"/>	17	...Braham HW	APPL ENVIRON MICROB	47	421	1984
<input checked="" type="checkbox"/>	4	...Braham HW	ARCTIC	35	396	1983
<input type="checkbox"/>	1	BRAHAM HW	B ECOL SOC AM	70	21	1989
<input checked="" type="checkbox"/>	11	BRAHAM HW	B ENVIRON CONTAM TOX	12	32	1974
<input checked="" type="checkbox"/>	1	BRAHAM HW	BOWHEAD WHITE WHALE		778	1984
<input checked="" type="checkbox"/>	1	BRAHAM HW	CALIF FISH GAME	60	78	1974
<input checked="" type="checkbox"/>	5	BRAHAM HW	CALIF FISH GAME	60	75	1974
<input checked="" type="checkbox"/>	15	...Braham HW	CAN J FISH AQUAT SCI	41	484	1984
<input checked="" type="checkbox"/>	1	...Braham HW	CAN J ZOOL	70	617	1992

Note all citations where Braham is not the first listed author. (...Braham H) You will need to do Cited Reference Searches on the first listed authors of these articles.

5. Mark records and add them to the Marked List.


CITATION DATABASES

HOME
HELP
HOME LIBRARY
GENERAL SEARCH
STEP-BY-STEP SEARCH
MARKED LIST
LOG OFF

Cited Reference Search Results--Summary

Cited Author=braham h or braham hw; DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, AMHCI; Timespan=All Years; (sorted by latest date)

UNMARK
LIBRARY PAGE
MARK ALL

Page 1 (Articles 1 -- 10):

⏪
⏩
⏴
[1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10]
⏵
⏶
⏷

Use the checkboxes to add individual articles to the Marked List. Be sure to click **UNMARK** button before leaving page.

Voltura MB, French JB
[Effects of dietary polychlorinated biphenyl exposure on energetics of white-footed mouse, Peromyscus leucopus](#)
 ENVIRON TOXICOL CHEM 19 (11): 2757-2761 NOV 2000

Forcada J, Aguilar A
[Use of photographic identification in capture-recapture studies of Mediterranean monk seals](#)
 MAR MAMMAL SCI 16 (4): 767-793 OCT 2000

Garcia JL, Patel BKC, Olliver B
[Taxonomic phylogenetic and ecological diversity of methanogenic Archaea](#)
 ANAEROBE 6 (4): 205-226 AUG 2000

Dahlheim M, York A, Towell R, et al.
[Harbor porpoise \(Phocoena phocoena\) abundance in Alaska: Bristol Bay to Southeast Alaska, 1991-1993](#)
 MAR MAMMAL SCI 16 (1): 28-45 JAN 2000

Olsen MA, Blix AS, Utst THA, et al.
[Chitinolytic bacteria in the minke whale fore stomach](#)
 CAN J MICROBIOL 46 (1): 85-94 JAN 2000

van der Maarel MJEC, Sprenger W, Haanstra R, et al.
[Detection of methanogenic archaea in seawater particles and the digestive tract of a marine fish species](#)
 FEMS MICROBIOL LETT 173 (1): 189-194 APR 1 1999

Swanepoel RE, Racey PA, Shore RF, et al.
[Energetic effects of sublethal exposure to lindane on pipistrelle bats \(Pipistrellus pipistrellus\)](#)
 ENVIRON POLLUT 104 (2): 169-177 1999

Alexander RM
[All-time giants: The largest animals and their problems](#)
 PALAEONTOLOGY 41: 1231-1245 Part 6 DEC 1998

Furt AE, Walker TI
[Stock assessment and risk analysis for the school shark \(Galeorhinus galeus\) off southern Australia](#)
 MAR FRESHWATER RES 49 (7): 719-731 1998

Lowry MS
[Counts of California sea lion \(Zalophus californianus\) pups from aerial color photographs and from the ground: A comparison of two methods](#)
 MAR MAMMAL SCI 15 (1): 143-158 JAN 1999

UNMARK
LIBRARY PAGE
MARK ALL

Page 1 (Articles 1 -- 10):

⏪
⏩
⏴
[1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10]
⏵
⏶
⏷

91 of 29560985 documents matched the query.

6. Perform Cited Reference Searches for each co-author that is a first listed author.

Marquette W, Braham H. Gray Whale Distribution and Catch by Alaskan Eskimos - A Replacement for the Bowhead Whale. *Arctic* 35: (3) 386-394, 1982.

ISI Web of Science CITATION DATABASES

HOME HELP DATE & TIME LIMITS GENERAL SEARCH MARKED LIST LOG OFF

Cited Reference Search

STEP 1: CITED REFERENCE LOOKUP
 Enter individual search terms or phrases separated by OR

LOOKUP Display list of cited references containing terms entered below.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR O'BRIAN C*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

Cited Reference Search

3 references matched query: Cited Work=arctic*; Cited Author=marquette w*; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years

STEP 2: CITED REFERENCE SELECTION
 The table lists all of the cited references that match your search request and the number of times each variation has been cited. Select all desired references (including variants) and then press Search.

[Set language and document type limits and sort option.](#)

SELECT PAGE or select specific references from list.

SEARCH to find articles that cite selected references.

References 1 -- 3 |<< < [/] > >>|

	Hits	Cited Author	Cited Work	Volume	Page	Year
<input checked="" type="checkbox"/>	4	MARQUETTE W	ARCTIC	35	386	1982
<input checked="" type="checkbox"/>	1	MARQUETTE W	ARCTIC	35	386	1980
<input checked="" type="checkbox"/>	1	MARQUETTE WH	ARCTIC	31	386	1982

References 1 -- 3 |<< < [/] > >>|

7. Mark records and submit them to the marked list. Repeat steps 4-5 for each first listed co-author.

ISI Web of Science CITATION DATABASES

HOME HELP LISTS SEARCH SEARCH MARKED LIST LOGIN

Cited Reference Search Results—Summary

Cited Author=marquette w*, Cited Work=arctic*, DocType=All document types, Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years; (sorted by latest date)

ITEM MARKS LIBRARY PAGE MARK ALL

Page 1 (Articles 1 -- 6):

« « [1] » »

Use the checkboxes to add individual articles to the Marked List. Be sure to click **SUBMIT MARKS** button before leaving page.

- CLARKE JT, MOORE SE, LJUNGBLAD DK
[OBSERVATIONS ON GRAY WHALE \(ESCHRICHTIUS-ROBUSTUS\) UTILIZATION PATTERNS IN THE NORTHEASTERN CHUKCHI SEA, JULY-OCTOBER 1982-1987](#)
CAN J ZOOL 67 (1): 2646-2654 NOV 1989
- BRAHAM HW
[ESKIMOS, YANKEES, AND BOWHEADS](#)
OCEANUS 32 (1): 54-62 SPR 1989
- REED M, JAYKO K, BOWLES A, et al.
[NUMERICAL-MODELS OF BOWHEAD AND GRAY WHALE MIGRATION IN ALASKAN WATERS](#)
ECOL MODEL 44 (1-2): 1-42 DEC 1988
- KRUPNIK II
[THE BOWHEAD VS THE GRAY WHALE IN CHUKOTKAN ABORIGINAL WHALING](#)
ARCTIC 40 (1): 16-32 MAR 1987
- RICE DW, WOLMAN AA, BRAHAM HW
[THE GRAY WHALE, ESCHRICHTIUS-ROBUSTUS](#)
MAR FISH REV 46 (4): 7-14 1984
- GILL RE, HALL JD
[USE OF NEARSHORE AND ESTUARINE AREAS OF THE SOUTHEASTERN BERING SEA BY GRAY WHALES \(ESCHRICHTIUS-ROBUSTUS\)](#)
ARCTIC 36 (3): 275-281 1983

More than Five Hundred Variations

- If a Cited Reference Lookup retrieves more than 500 variations you will receive a notice to refine the search.

ISI Web of Science CITATION DATABASES

HOME HELP DATE & DB LIMITS GENERAL SEARCH LOG OFF

Cited Reference Search

STEP 1: CITED REFERENCE LOOKUP
Enter individual search terms or phrases separated by OR
LOOKUP Display list of cited references containing terms entered below.

Click the **Date & DB Limits** button on the toolbar to restrict your search to fewer data years.

NOTICE
Your Cited Reference Lookup found more matches than allowed by the system. To refine your lookup, try adding additional terms and pressing **Lookup**, or reducing the range of years being searched. Or you can proceed and view the matches processed by pressing **SHOW**.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*
mead m*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide
J COMPUT APPL MATH

CITED YEAR: Enter year Cited Work was published as 1946 OR 1947
1946 OR 1947

Refine your search or click **SHOW** to view the references processed.

To refine a search either enter a value in more than one of the components of a cited reference or restrict your search to fewer data years.

Summary of Cited Reference Searching

- ISI includes significant implicit references in Arts & Humanities Citation Index.
- Only the *first* listed author of a cited reference is captured.
- Secondary cited authors can be searched if the document occurs as a source record in the loaded databases.
- Variations of the same Cited References may appear in the databases.
- There will be a link between a cited reference and its corresponding source record if the article referenced was covered by ISI, has been cited correctly, and if the source record is included in the loaded databases.

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Working with the Marked List, Saving Queries, & Running Saved Queries

Marking Records

DBASES
ISI Web of Science
CITATION DA

HOME
HELP
DATE & DB LIMITS
GENERAL SEARCH
CITED REF SEARCH
MARKED LIST
LOG OFF

General Search Results--Summary

Information: Topic=(Internet or world wide web or www or information superhighway or globa
 type=/at/and/or... Database=SCI-EXPANDED, SSCI, A&HCI; Timespan=All Years;
 (sorted by latest date)

SUBMIT MARKS
MARK PAGE
MARK ALL

Page 1 (Articles 1 -- 10):

⏪
⏩
⏴
[1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10]
⏵
⏶
⏷

Use the checkboxes to add individual articles to the Marked List. Be sure to click **SUBMIT MARKS** button before leaving page.

O'Neil D
[Analysis of Internet users' level of online privacy concerns](#)
 SOC SCI COMPUT REV 19 (1): 17-31 SPR 2001

Ilioudis C, Pangalos G
[Development of an Internet Security Policy for health care establishments](#)
 MED INFORM INTERNET 25 (4): 265-273 OCT-DEC 2000

Osei-Bonsu M
[The internet, electronic mail and the academic community in Ghana](#)
 LIBRI 50 (4): 252-260 DEC 2000

Herrin J, Dempsey BJ
[Web-enabled medical databases: a threat to security?](#)
 METHOD INFORM MED 39 (4-5): 298-302 DEC 2000

Schwartz PM
[Beyond Lessig's code for Internet privacy: Cyberspace filters, privacy information practices](#)
 WISC LAW REV (4): 743-788 2000

Kuchenbecker J, Schmitz K, Dick HB
[The use of internet for online literature search](#)
 OPHTHALMOLOGE 97 (12): 885-892 DEC 2000

Di Crescenzo G, Ishai Y, Ostrovsky R
[Universal service-providers for private information retrieval](#)
 J CRYPTOL 14 (1): 37-74 WIN 2001

Stewart DW, Zhao Q
[Internet marketing, business models, and public policy](#)
 J PUBLIC POLICY MARK 19 (2): 287-296 FAL 2000

Hetcher S
[The FTC as Internet privacy norm entrepreneur](#)
 VANDERBILT LAW REV 53 (6): 2041-2062 NOV 2000

Carre M, Philippe P
[State of the art in audio indexing](#)
 ANN TELECOMMUN 55 (9-10): 507-525 SEP-OCT 2000

SUBMIT MARKS
MARK PAGE
MARK ALL

Page 1 (Articles 1 -- 10):

⏪
⏩
⏴
[1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10]
⏵
⏶
⏷

188 of 29634477 documents matched the query.

To create a Marked List, there are three options:

- Select individual check boxes to the left of the record title, then click **Submit Marks**.
- Select **Mark Page** to mark all 10 records on the page.
- Select **Mark All** to mark **all** records in the result list (up to 500).

Working with the Marked List

From the **Marked List**, you can format records for printing, save records to a file, export records directly to EndNote, ProCite or Reference Manager, or format records for document delivery requests.

Choose the order in which the results will be sorted for printing, saving, exporting, or emailing.

Choose the fields that you want to include in your printed, saved, exported, or emailed list.

[The FTC as Internet privacy norm entrepreneur](#)
VANDERBILT LAW REV 53 (6): 2041-2062 NOV 2000

FORMAT FOR PRINT

SAVE TO FILE

EXPORT TO REFERENCE SOFTWARE

E-MAIL

Back to [top of Marked Records](#) page

E-Mailing Records

ISI Web of Science CITATION DATABASES

HOME HELP DATE & DB LIMITS GENERAL SEARCH CITED REF SEARCH MARKED LIST LOG OFF

E-Mail Marked Records from Web of Science

Please note that some e-mail systems cannot receive large files. You may experience problems if you try to send large numbers of records.

E-Mail the records to:

Your e-mail address (optional):

Notes (enter up to 250 characters):

Use care when typing the email address as there is no notification if the e-mail is undelivered.

Click the Send E-mail button.

Printing Records

1. From the **Marked List** page, choose the fields, in addition to the author, title, and source publication, that you want to print.
2. Click the **Format for Print** button to format the records in a plain text format with field labels.
3. Use your Web browser's **File/Print** option to print the formatted records.

Exporting and Saving Records

From the Marked List Page, click the **Export** Button and save the file into the appropriate database, or create a new database for the current search. To export records directly to EndNote, ProCite or Reference Manager, you must have EndNote, ProCite or Reference Manager installed, along with the appropriate **ISI/RIS Web Capture Utility**. For instructions on downloading and installing this free utility, click the ISI/RIS Web Capture Utility link on the "Marked Records for Printing, Exporting, and Ordering" Help page.

To save records in an ISI tagged file format, click the **Save to File** button. Specify a path and file name in the **File/Save** dialog box. A file will be saved containing the records on your marked list, with fields identified by two-character tags. This format can be imported into a bibliographic management or word processing program.

Exporting and Saving Records



For information on ISI ResearchSoft and any of its products, please go to one of the following links:

ISI ResearchSoft	http://www.isiresearchsoft.com/
Reference Manager	http://www.isiresearchsoft.com/rm/rmhome.html
EndNote	http://www.endnote.com/
ProCite	http://www.isiresearchsoft.com/pc/pchome.html

Saving Queries

When you construct a complex query, you can save it locally so that you can run the same query again against new data, or to continue researching later. This process can be used for both **General** and **Cited Reference** Searches. For example, the query below has many synonyms for each concept:

(internet or world wide web or www or information superhighway
or global information infrastructure or gii or cyberspace) same
(privacy or private or confident*)

To save a search, follow these steps:

1. Enter the query you would like to save.
2. Click the **Save Query** button.
3. When prompted, choose a directory where you want to save the .html file, supply a descriptive filename, then click the **Save** button.

The screenshot displays the ISI Web of Science interface. At the top, there is a navigation bar with icons for HOME, HELP, DATE & DB LIMITS, CITED REF SEARCH, and LOG OFF. Below this is the 'General Search' section, which includes instructions to enter search terms and a 'SEARCH' button. There are four input fields: 'TOPIC', 'AUTHOR', 'SOURCE TITLE', and 'ADDRESS'. A 'SAVE QUERY' button is located below the input fields. A 'Save As...' dialog box is open over the search page, showing a file list with 'internet privacy.html' selected. The 'File name' field contains 'internet privacy.html' and the 'Save as type' is set to 'HTML Files'. The 'Save' button in the dialog is highlighted with a circled '3'. A circled '1' points to the 'TOPIC' input field, and a circled '2' points to the 'SAVE QUERY' button.

Running Saved Queries

Go to the **Full Search** page. Choose the desired file depth to run the query. At the bottom of the page there is an option for Using Saved Queries. (There is a direct link to Help on this topic.)

To run a saved query, follow these steps:

1. Enter the path and filename of the saved query, or use the **Browse** button.
2. This will open up your computer's **File Upload** dialog box. Find the folder where you saved the query, select the proper file, and click **Open**. This will enter the path and filename (e.g. C:\My WoS Queries\internet privacy.htm) under **Using Saved Queries** at the bottom of the **Full Search** screen.
3. Click the **Open Query** button. This will take you to the **General Search** or the **Cited Reference Search** page, depending on which type of search you have saved.
4. Click **Search** from the **General Search** page or **Lookup** from the **Cited Reference Search** page to execute your query.

Full Search

[Science Citation Index Expanded \(SCI-EXPANDED\)--1945-present](#)
 [Social Sciences Citation Index \(SSCI\)--1956-present](#)
 [Arts & Humanities Citation Index \(A&HCI\)--1975-present](#)

This week's update (Updated February 03, 2001)
 Latest 2 Weeks
 Latest 4 Weeks
 All years
 Limit search to years selected below

2001 2000 1999 1998
 1991 1990 1989 1988
 1981 1980 1979 1978
 1971 1970 1969 1968
 1961 1960 1959 1958

GENERAL SEARCH Search for articles by subject
CITED REF SEARCH Search for articles that cite an author or work

[Using Saved Queries:](#) Instructions for editing and running saved queries.
Enter full pathname of saved query (e.g., c:\myqueries\query1) or use Browse.

File Upload

Look in: My WoS Queries

- hanta.htm
- hot spot query.htm
- internet privacy.html
- passive restraint.htm
- profile.html
- vostok ice core query.htm

File name: internet privacy.html

Files of type: HTML Files

Using Saved Queries: Instructions for editing and running saved queries.
Enter full pathname of saved query (e.g., c:\myqueries\query1) or use Browse.

C:\My WoS Queries\in

For help using saved queries, click on the link.

Appendices

Appendix A

Arts & Humanities Search: Sacred Writings Guide Sheet

Sacred Writings	Searchable Term for Cited Author	Searchable Elements in Cited Work	Search Examples
Bible	BIBLE	Book	Cited Author: BIBLE Cited Work: GENESIS
Koran	KORAN	Surah	Cited Author: KORAN Cited Work: SURAH

Talmudic Literature

Mishna	MISHNA	Tractate	Cited Author: MISHNA
--------	--------	----------	----------------------

Appendix B

Search Strategy Worksheet

Write out what you're searching for in conversational language here:

Break the inquiry into separate concepts. List them in the matrix below, including synonyms for each concept.

	(CONCEPT 1)	(CONCEPT 2)	(CONCEPT 3)
Synonyms	SAME		SAME
	AND		AND
	NOT		NOT
	OR		OR
	OR		OR
	OR		OR
	OR		OR
	OR		OR
	OR		OR
	OR		OR

Group your concept synonyms together using parenthesis, and join the groups together with AND or SAME.

Search Statements: _____

Appendix C—Searchable Fields

Field: Topic

Enter words or phrases that might appear in the article **title**, **abstract**, or **keyword lists**.

Rule	Example
To search for a phrase, simply type the phrase. Do not use quotes. Adjacent terms are searched in order.	Enter reduc* sodium to retrieve <i>reduced sodium</i> , <i>reducing sodium</i> , etc.
Use the SAME operator to specify that two terms occur in the same sentence in any order.	Enter reduc* SAME sodium to retrieve <i>reduced sodium</i> , <i>reducing sodium</i> , <i>sodium intake of experimental group was reduced</i> , etc.
Use synonyms (natural language, acronyms, jargon); combine these with the OR operator.	Enter heart* OR coronar* OR cardio* OR cardia* to retrieve <i>heart</i> , <i>hearts</i> , <i>heartbeat</i> , <i>coronary</i> , <i>cardiovascular</i> , <i>cardiotonic</i> , <i>cardiopulmonary</i> , <i>cardiac</i> , etc.
Truncate to retrieve plural and derivative terms.	Enter angioplast* to retrieve <i>angioplasty</i> , <i>angioplasties</i> , <i>angioplastic</i> , etc.
Use internal wildcards to retrieve variant forms.	Enter wom?n to retrieve <i>woman</i> or <i>women</i> . Enter labo*r to retrieve <i>labor</i> or <i>labour</i> .
When searching for a term that contains punctuation, use a space.	Enter 2 4 dinitrotoluene to retrieve <i>2,4-dinitrotoluene</i> .
When searching for a phrase that contains a possessive, use the SAME operator.	Enter kaposi* SAME sarcom* to retrieve <i>Kaposi sarcoma</i> , <i>Kaposis-sarcoma</i> , <i>Kaposi sarcoma</i> , <i>Kaposi's sarcoma</i> .
Search hyphenated words fused and unfused.	Enter x ray* OR xray* to retrieve <i>X-ray</i> , <i>X-rays</i> , <i>Xray</i> , <i>Xrays</i> , <i>X-rayed</i> , etc.
Search personal names using the SAME operator.	Enter churchill same (winston OR w) to retrieve <i>Winston Churchill</i> ; <i>Churchill</i> , <i>Winston</i> ; <i>Churchill</i> , <i>W.</i> , etc.
Non-English titles are translated into U.S. English when no translation is provided by the journal.	The continuous quality improvement process in mental health services management Massa JLP Actas Luso-Espanolas De Neurologia Psiquiatria Y Ciencias Afines 24: (1) 49-57 JAN-FEB 1996
Titles of creative works remain in the language used in the source.	The Barbizon School - L'auberge Ganne' Laverroux N Oeil-Magazine International D Art (477) S2-S2 DEC 1995
Title enhancements are indicated by a plus sign or by parenthesis (Arts & Humanities Citation Index only).	Speech After Long Silence + The Poetry Of Haines,John Berry W Sewanee Review 104: (1) 108-110 WIN 1996

Field: Source Author

Enter an author/editor name with the last name first, followed by a space, and up to 5 initials. We recommend using one initial and the truncation symbol (*) since authors sometimes publish using variations of their name. ISI captures all source authors.

Rule	Example
For names with punctuation or spaces, enter both fused and unfused versions.	Enter oneill OR o neill to retrieve O'Neill. Enter delarosa or de la rosa to retrieve articles by de la Rosa.

Search for variations on names where the family name may not be the last name	Enter yen sw or shi wy to retrieve articles by Shi-Wa Yen.
---	---

Titles of rank, generational designations such as Junior or Senior, and academic degrees are dropped.	<u>Source Document</u>	<u>ISI Database</u>
	Lord Duvall Edwards W. Brumfitt, Jr.	Edwards d Brumfitt w

Field: Source Title

Enter a full or partial (truncated) journal title.

Rule	Example
Use wildcard and truncation characters in this field. Enter multiple abbreviated titles joined by the search operator OR.	Enter science or nature to retrieve articles from either journal. Enter nature* to retrieve articles from the journals <i>Nature</i> , <i>Nature & Resources</i> , <i>Nature Biotechnology</i> , <i>Nature Genetics</i> , etc.

Field: Address

ISI captures all author addresses. Enter an institution and/or place name from an author's address to search for records based on address.

- Link to the Address Abbreviation List (accessible from the search page).
- Searching for some very common words/abbreviations (e.g., UNIV for University) is disallowed in the address field, as such searches would return too many results. These disallowed words may, however, be used in conjunction with other words that narrow the search (e.g., UNIV PENN).
- Adding an address or part of an address to your search can be especially helpful if you are searching for an author with a common last name such as Smith or Jones.

Rule	Example
Use wildcards and truncation in this field.	Enter univ penn* to retrieve univ penn, the abbreviated form of the University of Pennsylvania.

Use the SAME operator to search for two or more words that appear within the same address.	Enter univ penn* SAME anthro* to retrieve documents authored by faculty and students at the University of Pennsylvania's Department of Anthropology.
--	---

Field: Cited Author

ISI captures the surname and up to 3 initials of the first listed author in a citation. Use the Author rules listed under Source Author.

- If the name is longer than 15 characters, truncate after the fifteenth character. Follow the last name with a space, the first initial if known and an asterisk.

Field: Cited Work

ISI captures up to 20 characters for the cited work.

For **journals**, enter abbreviated journal title variations.

For **books**, enter the first significant word or words of the title. Truncate because of variant spellings. Titles of cited works may be in languages other than English. Always truncate the last word of a book title.

For **patents**, enter the patent number. Do not specify a country code.

Rule

Use wildcard and truncation characters in this field. Enter multiple abbreviated titles joined by the search operator OR.

Example

Enter **j am chem soc* or j amer chem soc* or jacs*** to retrieve items from the Journal of the American Chemical Society.

Field: Cited Year

Enter a four-digit year or series of years separated by the OR operator to indicate when the work was published. For **patents**, use the date of issue.


Use a range of years around the publication year to account for citation errors.

Appendix D—Error Messages

If you attempt to sort more than 300 records by Cited References, First Author, or Source Title when searching you will receive the error message below. You will receive this same error message if you attempt to resort a large Marked List (300+ records) by Cited References, First Author, or Source Title.

General Search Results--Summary

NOTICE

 You have exceeded the server's allotted time for this operation. If you are performing a search then return to the search page and refine it by changing your sort option to 'Latest Date', or return to the Date & Database Limits page and select a smaller time period (i.e., Year Selection, Latest 2 Weeks, etc.). If you are attempting to print, save, export, or e-mail your records then return to the Marked List page and select 'Latest Date' as the sort option.

Cited Reference Search


STEP 1: CITED REFERENCE LOOKUP

Enter individual search terms or phrases separated by OR

LOOKUP

Display list of cited references containing terms entered below.

NOTICE

 Your Cited Reference Lookup found more matches than allowed by the system. To refine your lookup, try adding additional terms and pressing Lookup, or reducing the range of years being searched. Or you can proceed and view the matches processed by pressing **SHOW**.

CITED AUTHOR: Enter the cited author name(s) as O'BRIAN C* OR OBRIAN C*

darwin c*

CITED WORK: Enter abbreviated title as J COMPUT APPL MATH using the [list](#) as a guide

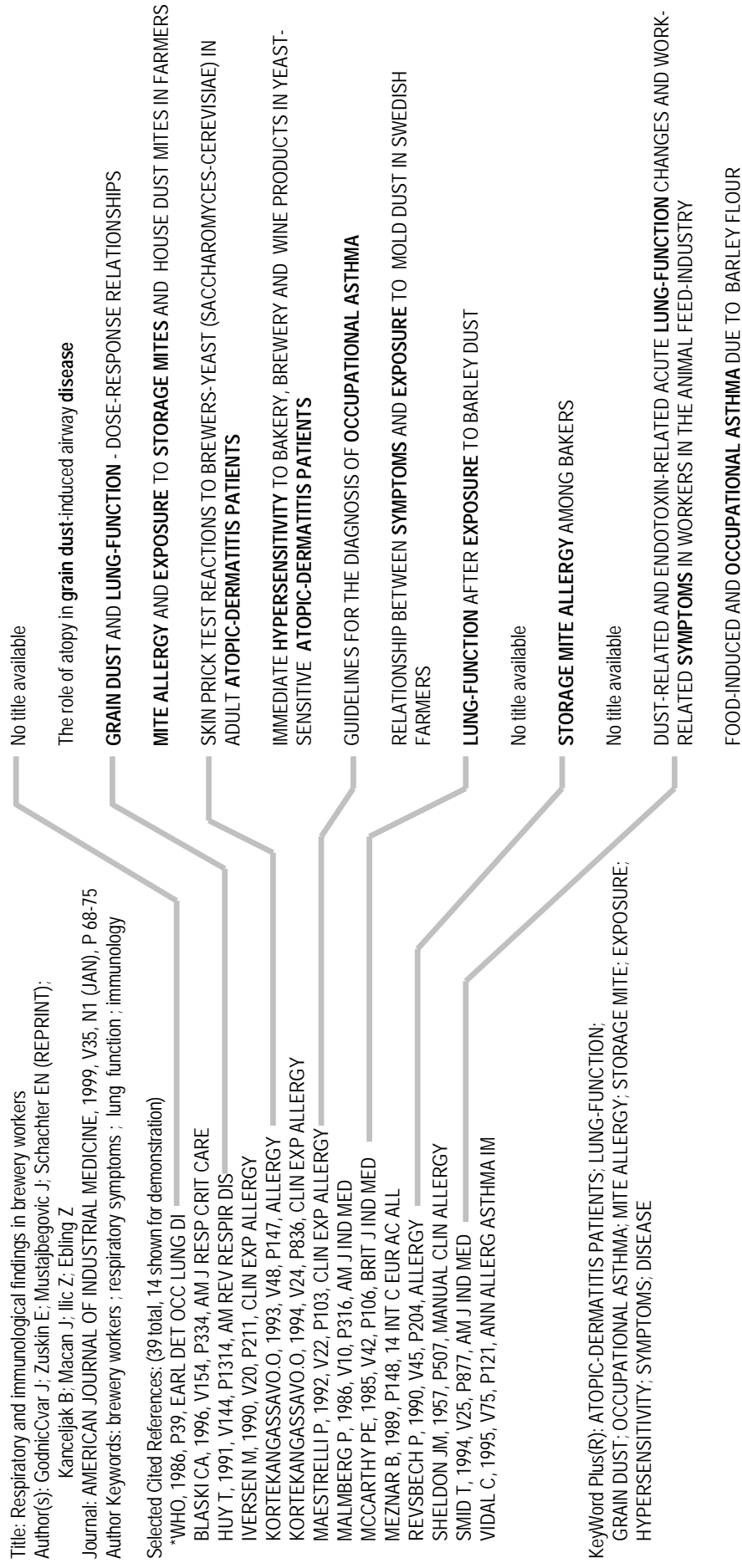
CITED YEAR: Enter year Cited Work was published as 1946 OR 1947

Appendix E

KeyWords Plus® Creation Cycle

SAMPLE SOURCE RECORD

ISI SOURCE DATABASE (1970-PRESENT)



FREQUENTLY OCCURRING TITLE WORDS

- ATOPIC-DERMATITIS PATIENTS
- LUNG-FUNCTION
- GRAIN DUST
- OCCUPATIONAL ASTHMA
- MITE ALLERGY
- STORAGE MITE EXPOSURE
- HYPERSENSITIVITY SYMPTOMS
- DISEASE

Contacting ISI

Addresses

ISI North America
3501 Market Street
Philadelphia, PA 19104
U.S.A.

ISI Europe, Middle East, &
Africa
Brunel Science Park
Uxbridge UB8 3PQ
United Kingdom

ISI Japan
Thomson Corporation, K.K.
Palaceside Building 5F
1-1-1 Hitotsubashi
Chiyoda-ku, Tokyo 100-0003
Japan

ISI Asia-Pacific
60 Albert Street
#15-01 Albert Complex
Singapore 189969

ISI Latin America & Mexico
3501 Market Street
Philadelphia, PA 19104
U.S.A.

Technical Help Desks

Phone: 1-800-336-4474 ext. 1591
1-215-386-0100 ext. 1591
Fax: 1-215-386-6362
Attn: Technical Help
Email: help@isinet.com

Phone: +44-(0)-1895-270016
Fax: +44-(0)-1895-256710
Email: eurohelp@isinet.co.uk

Phone: +81-3-5218-6530
Fax: +81-3-5218-6536
Email: jphelp@isinet.com

Phone: +65-338-7747
Fax: +65-338-9949
Email: asiahelp@isinet.com

Phone: 1-800-336-4474 ext. 1591
1-215-386-0100 ext. 1591
Fax: 1-215-386-6362
Attn: Technical Help
Email: help@isinet.com

Customer Education

Phone: 1-800-336-4474 ext.1401
1-215-386-0100 ext. 1401
Fax: 1-215-243-6362
Attn: Customer Education
Email: educate@isinet.com

Phone: +44-(0)-1895-270016
Fax: +44-(0)-1895-256710
Email: education@isinet.co.uk

Phone: +81-3-5218-6530
Fax: +81-3-5218-6536
Email: jphelp@isinet.com

Phone: +65-338-7747
Fax: +65-338-9949
Email: asiahelp@isinet.com

Phone: 1-800-336-4474 ext.1401
1-215-386-0100 ext. 1401
Fax: 1-215-243-6362
Attn: Customer Education
Email: educate@isinet.com

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