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Inst Politecnico Nac* 

Inventor: (e.g. SMITH A* OR JONES D*) **i**

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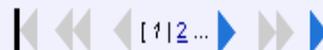
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[Industrial lime production with incorporation of trace elements consists of provision of trace elements for humans, in the production of flour for e.g. tortillas](#)
 INST POLITECNICO NACIONAL (POLI-Non-standard)
 TOVAR GALVEZ L R
2. MX2000006586-A1 2003-785771
[Membranes glucose oxidase purification technique comprises separation of e.g. extracellular enzyme by filtration, ultrafiltration, and ion exchange chromatography with sodium chloride based elution](#)
 INST POLITECNICO NACIONAL (POLI-Non-standard); MADERO G A (MADE-Individual)
 OROZCO ALVAREZ C, MADERO G A
3. MX9708544-A1 2003-729171
[Production of papain and chemopapain enzymes from embryo papaw cells comprises germination of selected extracellular biosynthesis seeds for e.g. the dairy industry](#)
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Patent Number(s):

US5449916-A ; JP09506465-W; WO9608033-A1 ; AU9531075-A; EP728365-A1

Title:

Electron radiation dose tailoring across target area by - pulse width modulation as a function of scan position is applied to rf drive pulses of accelerator operated in long pulse mode

Inventor Name(s):

FRKETICH G, SMYTH DL

Patent Assignee Name(s) and Code(s):

ATOMIC ENERGY OF CANADA LTD (ATOC)

Derwent Primary Accession Number:

1995-327783 [42]

Abstract:

Method for controlling the delivered dose across a target area (10) from an electron beam produced by a high energy, high power pulsed rf linear accelerator involves: (a) the electron beam is scanned across the target area at a scan frequency effective to produce a series of irradiated spots across the target area. (b) The scan position is sensed. (c) The width of the rf drive pulses is varied as a function of the scan position to control the delivered dose distribution across the target area.

USE/ADVANTAGE - Dose tailoring by rf drive pulse width modulation can be accomplished at power levels not previously possible. Relatively complex absorbed dose profile can be easily accomplished. Method for controlling the delivered dose across a target area from an electron beam produced by a high energy, high power pulsed rf linear accelerator. For industrial irradiation process applications.

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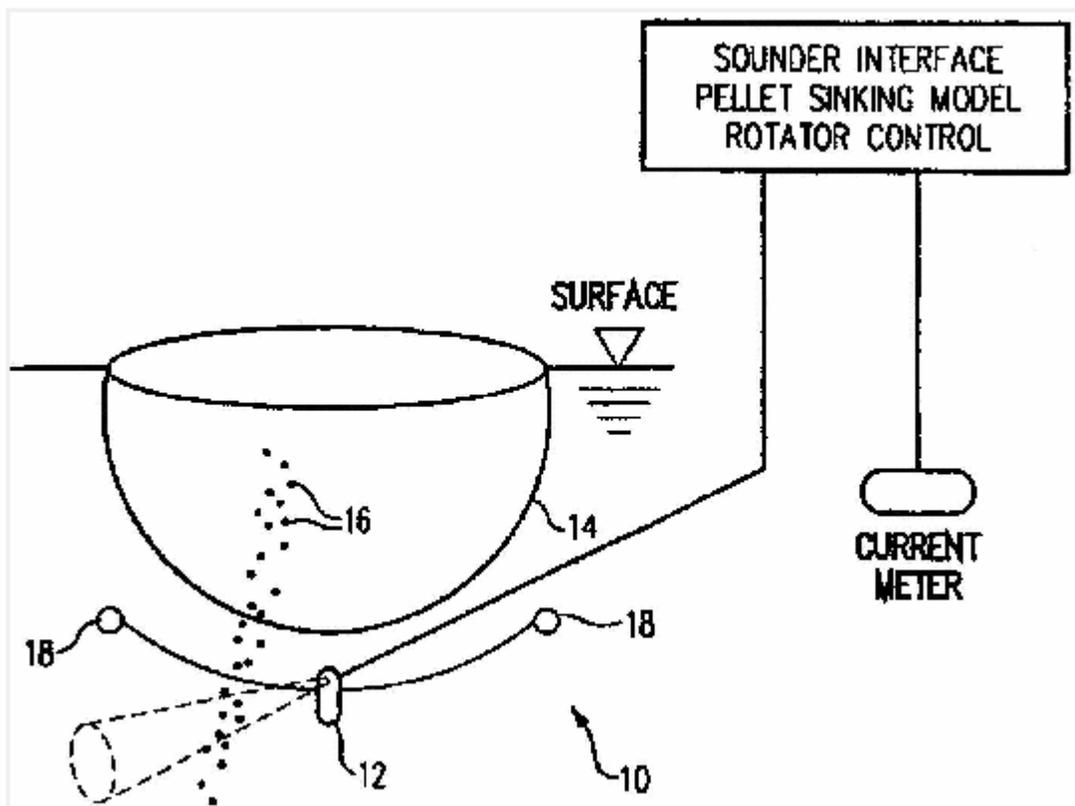
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Patent Number(s):
 US5449916-A ; JP09506465-W; WO9608033-A1 ; AU9531075-A; EP723365-A1

Title:
Electron radiation dose tailoring across target area by - pulse width modulation as a function of scan position is applied to rf drive pulses of accelerator operated in long pulse mode

Inventor Name(s):
 FRKETICH G, SMYTH DL

Patent Assignee Name(s) and Code(s):
 ATOMIC ENERGY OF CANADA LTD (ATOC)

Derwent Primary Accession Number:
 1995-327783 [42]

Abstract:
 Method for controlling the delivered dose across a target area (10) from an electron beam produced by a high energy, high power pulsed rf linear accelerator involves: (a) the electron beam is scanned across the target area at a scan frequency effective to produce a series of irradiated spots across the target area. (b) The scan position is sensed. (c) The width of the rf drive pulses is varied as a function of the scan position to control the delivered dose distribution across the target area.

USE/ADVANTAGE - Dose tailoring by rf drive pulse width modulation can be accomplished at power levels not previously possible. Relatively complex absorbed dose profile can be easily accomplished. Method for controlling the delivered dose across a target area from an electron beam produced by a high energy, high power pulsed rf linear accelerator. For industrial irradiation process applications.

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[Electron radiation dose tailoring across target area by - pulse width modulation as a function of scan position is applied to rf drive pulses of accelerator operated in long pulse mode](#)
 ATOMIC ENERGY OF CANADA LTD (ATOC)
 FRKETICH G, SMYTH DL

|| << < CITED ARTICLES 1 TO 5 (OF 5) > >> ||

CITING PATENT	CATEGORY CODE	CITED ARTICLES
US5449916-A		"Controlled Magnet Excitation for Electron Beam Scanning in Industrial Irradiators", White, et al., 1990 EPAC Conference in Nice "Energy Control of the Impela Series of Industrial Accelerators" Hare, et al., Nuclear Instruments and Methods in Physics Research B50 (1990) pp. 470-433 North Holland "Impela: An Industrial Acceleration Family", Ungrin, et al., Presented at 1988 EPAC Conference in Rome "Pulsed-Linac Synchronization Using a Linac", Craig, et al., 1992 Linac (Linear Accelerator) Conference in Rome "The Impela Control System", Lawrence, et al., Presented at 1988 EPAC Conference in Rome

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 NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM
 INTERACTIONS WITH MATERIALS AND ATOMS
 50 (1-4): 470-473 APR 1990

Document type: Article Language: English [Cited References: 6](#) Times Cited: 0

Addresses:
 HARE G, ATOM ENERGY CANADA LTD, ACCELERATOR BUSINESS UNIT, 436B HAZELDEAN RD, KAUATA K2L 1T9, ONTARIO, CANADA
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Title: 65836: Circuit and method for an open bit memory cell with a vertical transistor and trench plate capacitor

Country

Inventor

Assignee

Published / Filed: 2000-12-26 / 1998-08-24

Application Number: US1998000138794

IPC Code: H01L 21/8242;

ECLA Code: H01L21/8242B6B; H01L

U.S. Class: Current: 438/243; 257/E... Original: 438/243; 438/587;

Field of Search: 438/243, 244, 246, 247, 248, 386, 387, 389, 587, 588

Priority Number: 1998-08-24 US1998000138794
1997-10-06 US1997000939732

Abstract: A memory cell. The memory cell includes an access transistor. The access transistor is formed in a pillar of single crystal semiconductor material. The transistor has first and second source/drain regions and a body region that are vertically aligned. The memory cell also

(373440)
any

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27 pages

Memory array fabricating method involves forming access transistors in pillar such that its primary source-drain region is integral with plate of trench capacitor

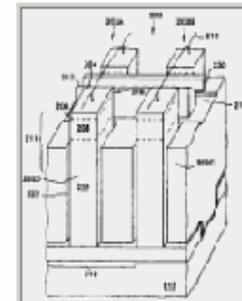
Assignee: MICRON TECHNOLOGY INC Non-standard company
Inventor: FORBES L; NOBLE W P;

Accession / Update: 2001-233978 / 200134

IPC Code: H01L 21/8242 ;

Derwent Classes: [U11](#); [U13](#); [U14](#);

Manual Codes: **U11-C05D4**(Interconnections to semiconductor device electrodes) , **U11-C18B5**(Complete manufacture of memory) , **U13-C04B1A**(Dynamic RAM) , **U14-A03B4**(Memories with capacitor store) , **U14-C01**(Interconnecting storage elements)



Derwent Abstract

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(US6165836) Novelty - Access transistors (211) are formed in a pillar (204) of semiconductor material extending outwards from substrate (213). A trench capacitor (219) for each transistor, has its plate integral with primary source-drain region (206) of transistor. Wordlines (212) connect gates (208) of transistors to form array row. Bit lines connect secondary source-drain regions of selected transistors to form column array.

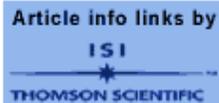
Detailed Description - Wordlines disposed in trenches (214) separate adjacent rows of access transistors. Address lines interconnect body regions of access transistors along the rows of the array. The trench capacitor is formed such that it comprises plates that have grid pattern in a layer of semiconductor material such that grid surrounds each of the pillars that form the access transistors.

Use - For fabrication of memory array for electronic systems.

Advantage - Provides more overdrive when cell is address and less leakage when cell is in standby, thus reducing the requirements on threshold voltage control of the access transistor. The memory array is easily realizable when compared to vertical transistors since there is no need for contact between secondary source-drain region and trench capacitor

Valor Agregado Derwent :

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- Adler, E., et al., "The Evolution of IBM CMOS DRAM Technology", [IBM Journal of Research and Development](#), 39, 167-188, (Jan./Mar., 1995). (22 pages) [50 patents reference this article](#) [\[Article info\]](#)
- Asai, S., et al., "Technology Challenges for Integration Near and Below 0.1 micrometer", Proceedings of the IEEE, 85, Special Issue on Nanometer-Scale Science & Technology, 505-520, (Apr. 1997). (16 pages) [50 patents reference this article](#) [\[Article info\]](#)
- Banerjee, S.K., et al., "Characterization of Trench Transistors for 3-D Memories", 1986 Symposium on VLSI Technology, Digest of Technical Papers, San Diego, CA, 79-80, (May 28-30, 1986).
- Bomchil, G., et al., "Porous Silicon: The Material and its Applications in Silicon-On-Insulator Technologies", [Applied Surface Science](#), 41/42, 604-613, (1989). (10 pages) [53 patents reference this article](#)
- Burnett, D., et al., "Implications of Fundamental Threshold Voltage Variations for High-Density SRAM and Logic Circuits", 1994 Symposium on VLSI Technology, Digest of Technical Papers, Honolulu, HI, 15-16, (Jun. 4-7, 1994).
- Burnett, D., et al., "Statistical Threshold-Voltage Variation and its Impact on Supply-Voltage Scaling", Proceedings SPIE: Microelectronic Device and Multilevel Interconnection Technology, 2636, 83-90, (1995).
- Chen, M.J., et al., "Back-Gate Forward Bias Method for Low-Voltage CMOS Digital Circuits", [IEEE Transactions on Electron Devices](#), 43, 904-909, (Jun. 1986).
- Chen, M.J., et al., "Optimizing the Match in Weakly Inverted MOSFET's by Gated Lateral Bipolar Action", [IEEE Transactions on Electron Devices](#), 43, 766-773, (May 1996). (8 pages) [62 patents reference this article](#) [\[Article info\]](#)
- Chung, I.Y., et al., "A New SOI Inverter for Low Power Applications", Proceedings of the 1996 IEEE International SOI Conference, San Jose, CA, 28-29, (Apr. 28-29, 1996).

Assim como oferece informações com links de um lado a outro para todas as patentes de referencia Delphion Integrated view inclui uma lista completa de literatura de referencia.

****Para os assinantes ISI Web of Science estão disponíveis links diretos com os artigos de referência obtidos nas patentes da base Delphion.**

- "Fluctuation Limits to Gigascale Integration (GSI)", 1996 Symposium on VLSI Technology, (Jun. 11-13, 1996).
- "Thin-Film SOI P-MOSFET's Fabricated in SOI Islands with an Isolated Buried Polysilicon Layer", [IEEE Transactions on Electron Devices](#), 43, 11, (Nov. 1996). (3 pages) [68 patents reference this article](#) [\[Article info\]](#)
- "Single-Crystal Silicon-Dependence on Process and Application in EEPROMs", [IEEE Transactions on Electron Devices](#), 37, 1, (Jan. 1990). (8 pages) [52 patents reference this article](#)
- "CMOS Logic Using a Body Bias Controlled SOI Pass-Gate Logic", 1997 IEEE International Solid-State Circuits Conference, 286-287, (1997).
- "Timing Noise in High Speed Digital Systems", Proceedings of the 8th Annual IEEE Symposium on VLSI Technology and Design, 1995.
- "GaN and AlN Heterostructures and AlN Nitrides Grown on Textured Single-Crystal Silicon", [Appl. Phys. Lett.](#), 60, 445-447, (1992). [\[Article info\]](#)
- "Threshold Voltage Variation in MTCMOS/SIMOX Circuit Operating Below 0.5 V", 1996 Symposium on VLSI Technology and Design, Honolulu, HI, 96-97, (Jun. 11-13, 1996).
- "Structure for Giga-Bit DRAMs using Vertical Ultra-Thin SOI (DELTA) MOSFETs", 1991 IEEE Symposium on VLSI Technology and Design, Washington, D.C., 959-961, (Dec. 8-11, 1991).
- "Silicon and Design of Digital Integrated Circuits, 2nd Edition, McGraw-Hill Book Co., New York, 1984, 334-337, (1986).

- Holman, W.T., et al., "A Compact Low Noise Operational Amplifier for a 1.2 Micrometer Digital CMOS Technology", [IEEE Journal of Solid-State Circuits](#), 30, 710-714, (Jun. 1995). (5 pages) [63 patents reference this article](#) [\[Article info\]](#)

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ELECTRICAL CHARACTERISTICS OF OXYNITRIDES GROWN ON TEXTURED SINGLE-CRYSTAL SILICON

HAO MY, LEE JC

APPLIED PHYSICS LETTERS

60 (4): 445-447 JAN 27 1992

Document type: Article Language: English

[Cited References: 8](#) [Times Cited: 16](#)[FIND RELATED RECORDS](#)[Explanation](#)**Abstract:**

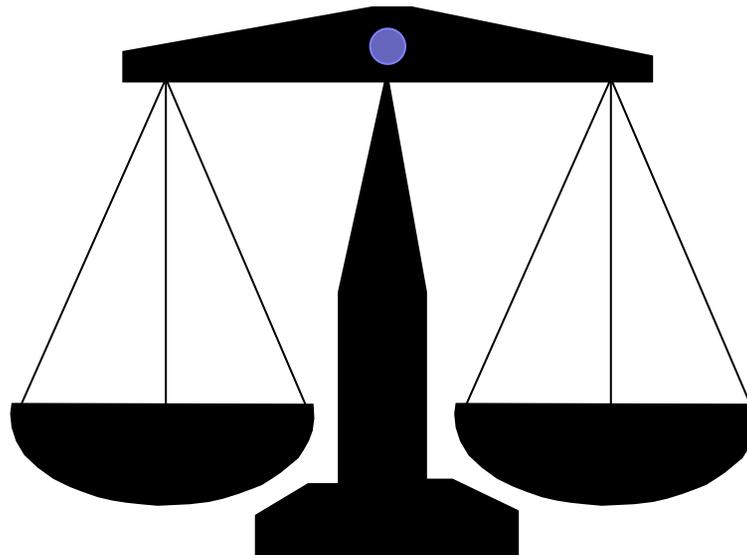
The electrical characteristics of oxynitrides grown on textured single-crystal silicon are discussed in this letter. This study compares the I-V, C-V, charge trapping, interface state generation, and breakdown characteristics of this new gate dielectric with those of oxides and oxynitrides grown on untextured silicon, and oxides with reduced interface state generation. Furthermore, they compare the breakdown Q(BD) compared to the textured oxides. The results show that the oxynitrides have a higher breakdown voltage than the oxides. The oxynitrides are suitable for use in non-volatile programmable read-only memories (EEPROMs).

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- **O que é o *Essential Science Indicators*?**
 - Uma ferramenta para ajudar pesquisadores , administradores, Reitores e diretores a avaliar a produtividade científica, influência, e impacto mundial de atividade de pesquisa em 22 campos das ciências exatas e sociais.
- **Que tipo de pergunta o *ESI* poderá ajudar a responder ? Exemplos:**
 - Quais universidades produzem as pesquisas mais citadas em Química ? Minha universidade é uma delas, se sim qual o nosso lugar no ranking?
 - Quais pesquisadores publicaram os trabalhos de maior influência em Imunologia nos últimos 10 anos ?
 - Eu publiquei um trabalho em 1997 no campo da Microbiologia e esse trabalho foi citado 45 vezes até o presente momento -- Qual a comparação com outros trabalhos publicados na mesma disciplina?

- **O que significa “Essencial”?**
 - Só um percentual dos melhores pesquisadores de cada área são incluídos.
- **De onde vem esses dados ?**
 - Nós pegamos 10 anos de dados do *Web of Science*[®] (9.5 milhões de papers)
 - Nós agrupamos por categoria em 22 campos e calculamos o total de citações.
 - Nós selecionamos os seguintes percentuais em cada área:
 - 1% dos melhores cientistas
 - 1% das melhores instituições
 - 50% dos melhores países
 - 50% das melhores publicações
 - Atualizado a cada dois meses

Cobertura em 22 campos

- Agricultura
- Biologia & Bioquímica
- Química
- Medicina Clínica
- Computação
- Economia & Negócios
- Engenharia
- Meio Ambiente/ Ecologia
- Geociências
- Imunologia
- Ciências de Materiais
- Matemática
- Microbiologia
- Biologia Molecular & Genética
- Neurociências & Comportamento
- Farmacologia
- Física
- Ciência de Plantas & Animais
- Psiquiatria/Psicologia
- Ciências Sociais
- Ciências Espaciais

- **Quais as 4 partes do *Essential Science Indicators*?**

- **Ranking de Citações**

- Instituições, Pesquisadores, Países, Publicações

- **Papers mais citados: Longo prazo “hot”**

- Papers altamente citados (1% por campo de pesquisa 70,000+)
 - Hot Papers (Mais citados num período de 2 meses, ~1400)

- **Analises de Citações**

- Linha de raciocínio para medir a performance
 - “*Research Fronts*” para trilhar as novas tendências

- **Comentário editorial**

- *inCites* (intrevistas e ensaios) com tópicos especiais (artigos)
 - *Science Watch* (Revista com arquivos de ciências e novas tendências)



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- Enter **RUSSIA** to search for citation data from RUSSIA.

• O número de artigos: indica o tamanho da área de pesquisa

• Citações por artigos: indica a intensidade da pesquisa

• “Média anual”: ponto central de avaliação

Produtividade Científica de um país ou de uma área

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Country Rankings for "BRAZIL"

Sorted by: Citations SORT AGAIN

Page 1 of 2

FIELD	PAPERS	CITATIONS	CITATIONS PER PAPER
PHYSICS	14,617	68,971	4.72
CLINICAL MEDICINE	13,261	66,371	5.00
CHEMISTRY	9,665	38,272	3.96
BIOLOGY & BIOCHEMISTRY	5,711	28,801	5.04
PLANT & ANIMAL SCIENCE	8,437	19,279	2.29
NEUROSCIENCE & BEHAVIOR	3,161	17,464	5.52
MOLECULAR BIOLOGY & GENETICS	2,644	14,969	5.66
SPACE SCIENCE	1,837	14,626	7.96
ENGINEERING	5,150	13,280	2.58
MICROBIOLOGY	2,399	13,038	5.43
IMMUNOLOGY	1,237	12,800	10.35
ENVIRONMENT/ECOLOGY	2,169	10,085	4.65
GEOSCIENCES	1,930	9,986	5.17
PHARMACOLOGY & TOXICOLOGY	1,910	9,793	5.13

5		
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Sorted by: Citations **SORT AGAIN**

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	VIEW		FIELD	PAPERS	CITATIONS	CITATIONS PER PAPER
1			PHYSICS	14,617	68,971	4.72
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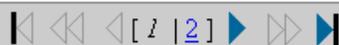
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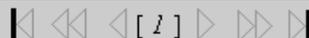
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Authors: CAMPOS MAS; ALMEIDA IC; [TAKEUCHI O](#); [AKIRA S](#); VALENTE EP; PROCOPIO DO; TRAVASSOS LR; [SMITH JA](#); [GOLENBOCK DT](#); [GAZZINELLI RT](#)

Source: [J IMMUNOL](#)
167: (1) 416-423 JUL 1 2001

Addresses: FIOCRUZ, Ctr Pesquisas Rene Rachou, Immunopathol Lab, Avenida Augusto de Lima 1715, BR-30190002 Belo Horizonte, MG, [Brazil](#).
[Univ Fed Minas Gerais](#), Inst Biol Sci, Dept Biochem & Immunol, Belo Horizonte, MG, [Brazil](#).
Oswaldo Cruz Fdn, Ctr Pesquisas Rene Rachou, Belo Horizonte, MG, [Brazil](#).
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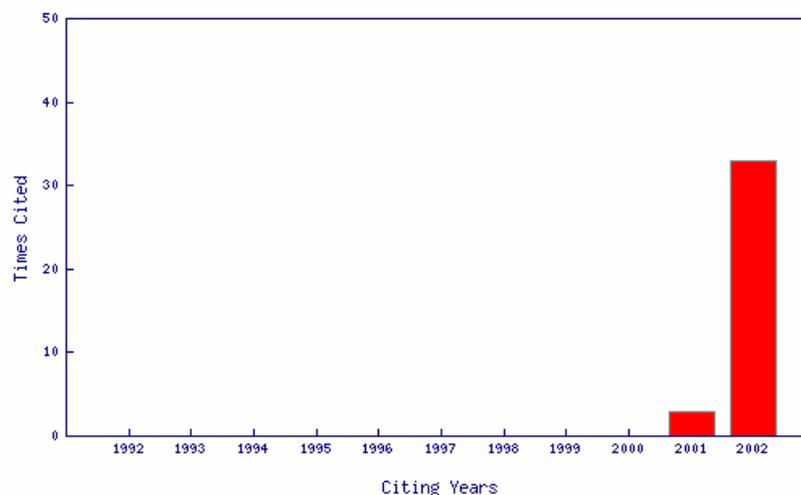
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Activation of toll-like receptor-2 by glycosylphosphatidylinositol anchors from a protozoan parasite

Campos MA, Almeida IC, Takeuchi O, Akira S, Valente EP, Procopio DO, Travassos LR, Smith JA, Golenbock DT, Gazzinelli RT

JOURNAL OF IMMUNOLOGY

167 (1): 416-423 FEB 1 2001

Document type: Article Language: English [Cited References: 12](#) [Times Cited: 48](#)**Abstract:**

Glycosylphosphatidylinositol (GPI) anchors and glycoinositolphospholipids (GIPLs) from parasitic protozoa have been shown to exert a wide variety of effects on cells of the host innate immune system. However, the receptor(s) that are triggered by these protozoan glycolipids has not been identified. Here we present evidence that *Trypanosoma cruzi*-derived GPI anchors and GIPLs trigger CD25 expression on Chinese hamster ovary-K1 cells transfected with CD14 and Toll-like receptor-2 (TLR-2), but not wild-type (TLR-2-deficient) Chinese hamster ovary cells. The protozoan-derived GPI anchors and GIPLs containing alkylacyl-glycerol and saturated fatty acid chains or ceramide were found to be active in a concentration range of 100 nM to 1 μM. More importantly, the GPI anchors purified from *T. cruzi* trypomastigotes, which contain a longer glycan core and unsaturated fatty acids in the sn-2 position of the alkylacylglycerolipid component, triggered TLR-2 at subnanomolar concentrations. We performed experiments with macrophages from TLR-2 knockout and TLR-4 knockout mice, and found that TLR-2 expression appears to be essential for induction of IL-12, TNF-α, and NO by GPI anchors derived from *T. cruzi* trypomastigotes. Thus, highly purified GPI anchors from *T. cruzi* parasites are potent activators of TLR-2 from both mouse and human origin. The activation of TLR-2 may initiate host innate defense mechanisms and inflammatory response during protozoan infection, and may provide new strategies for immune intervention during protozoan infections. *The Journal of Immunology*, 2001.

KeyWords Plus:

NITRIC OXIDE SYNTHETASE, PROTEIN KINASE C, TRYPANOSOMA CRUZI INFECTION, SIGNAL TRANSDUCTION, CHAGAS DISEASE



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Fields	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All Years
All Fields	14.71	14.54	13.21	12.01	10.46	9.25	7.56	5.89	3.89	1.81	0.31	8.19
Agricultural Sciences	6.70	7.01	6.51	6.02	5.48	4.68	3.99	3.02	1.98	0.83	0.15	4.09
Biology & Biochemistry	26.46	24.99	23.49	20.76	18.07	16.46	13.24	10.22	7.00	3.27	0.54	14.91
Chemistry	12.47	12.97	11.64	10.44	9.36	8.23	6.99	5.44	3.66	1.67	0.32	7.28
Clinical Medicine	16.55	17.03	15.48	14.60	12.46	10.83	8.79	6.79	4.47	2.02	0.32	9.54
Computer Science	4.48	3.44	3.65	3.50	3.01	2.72	2.26	1.63	0.88	0.44	0.09	2.24
Economics & Business	8.34	6.97	7.05	6.14	4.64	3.99	2.97	2.04	1.19	0.49	0.12	3.75
Fields	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All Years
Engineering	5.54	4.96	4.46	4.00	3.56	3.27	2.54	1.94	1.26	0.56	0.10	2.78
Environment/Ecology	13.16	12.83	11.70	10.37	9.13	7.66	6.48	4.59	2.95	1.19	0.24	6.73
Geosciences	13.10	13.55	12.18	10.89	9.52	8.13	6.70	4.70	2.85	1.29	0.29	7.09
Immunology	31.78	32.43	29.98	27.42	23.93	20.46	17.86	13.25	8.97	4.32	0.62	18.73
Materials Science	7.40	6.85	6.44	5.64	5.02	4.24	3.59	2.74	1.86	0.84	0.13	3.67
Mathematics	4.84	4.34	4.05	3.67	3.28	2.71	2.14	1.71	0.99	0.43	0.08	2.44
Microbiology	23.65	22.36	20.31	18.72	16.46	15.01	12.38	9.53	6.44	3.03	0.47	13.31
Fields	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All

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All Fields	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All Years
0.01 %	1101	1131	1009	1006	827	663	546	367	242	128	32	772
0.10 %	447	437	382	351	301	255	205	155	100	51	14	279
1.00 %	145	140	126	114	100	86	71	54	36	19	5	88
10.00 %	35	34	32	29	25	22	18	15	10	5	2	20
Agricultural Sciences	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All Years
0.01 %	260	315	231	395	186	153	132	96	53	38	9	186
0.10 %	130	122	131	101	97	69	71	54	32	15	7	89
1.00 %	53	55	51	46	38	33	30	24	16	8	3	38

Immunology	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0.01 %	1679	1707	2033	1798	1792	895	2252	521	481	204	47
0.10 %	700	820	740	637	840	490	507	325	160	92	20
1.00 %	285	289	270	230	199	155	145	102	8	34	8
10.00 %	70	69	66	61	50	46	39	30	20	11	2

0.10 %	295	314	264	229	211	169	145	101	70	33	10	189
1.00 %	101	102	91	81	73	61	52	41	28	13	5	66
10.00 %	30	30	28	25	23	20	17	14	10	5	2	19
Clinical Medicine	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	All Years
0.01 %	1146	1217	1222	1096	851	785	781	394	271	148	38	846
0.10 %	485	486	434	409	340	299	232	176	111	53	14	318
1.00 %	160	161	146	136	114	96	78	59	39	19	5	100
10.00 %	39	39	36	34	30	26	21	17	11	6	2	23



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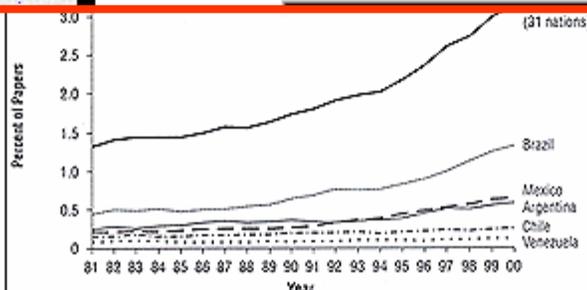
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Among the 151 top-performing countries in all fields, Brazil ranked #25 for citations, #22 for papers, and #92 for citations per paper. The tables below contain rankings for Brazil in all fields and the top paper for Brazil (for all fields, ranked by total citations).



According to the "most-improved" entities that show the largest percentage increase in total citations from the third to the fourth bimonthly periods of 2002—that is, from July 2002 to September 2002—across ISI Essential Science IndicatorsSM Web based product's 22 fields—Brazil was the most-improved in the field of Plant & Animal Science.

SOURCE (for rankings): *ISI Essential Science Indicators Web based product* from the January 1, 2003 update covering a ten year plus ten month period, January 1992 - October 31, 2002.



papers for the entire region—Latin America's share of world science papers grew to about 22,500 in 2000, or 3.2% of the database.

For these statistics, *Science Watch* turned to

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February 2003

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May 2002

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January 2003

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July 2001

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March 2002

 [Embryonic Stem Cells](#)
November 2001

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July 2001

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– **Rankings**

- Usar o reconhecimento dos pesquisadores (citações) para quantificar os melhores cientistas, ranquear os pesquisadores, instituições, países ou uma publicação através de sua influência ou impacto
- Obter a produtividade científica de uma instituição (numero de papers produzidos) assim como medir a influência desses papers (números de citações)

– **Analises de Benchmark**

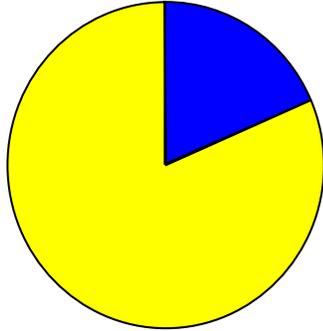
- Use as médias de citações para medir a influência relativa de sua pesquisa comparando com outras no mesmo campo.

– **Comentários Editoriais**

- Ganhe uma visão do panorama científico através de ensaios e artigos os quais oferecem contexto e não só números.

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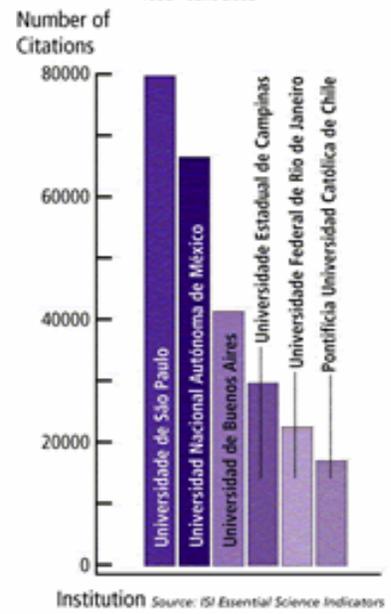


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