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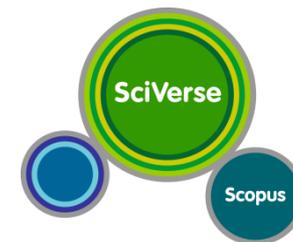
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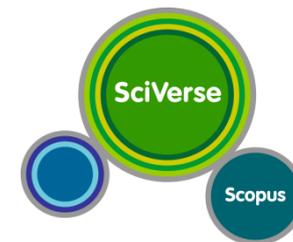
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# SciVerse Scopus – Diferenciais:



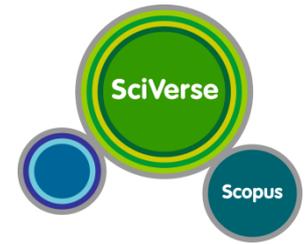
- A base internacional de maior representação da produção científica latinoamericana – 546 títulos
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  - Índice H com visualização de curva
  - Affiliation Identifier
  - Journal Analyzer – Ferramenta de análise dos periódicos indexados

# Características & Funcionalidade



- Buscas Básica, Avançada, Rápida, por Autor, por Afiliação
- Buscas Salvas
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# Acesso através no Portal de Periódicos Capes

SciVerse

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The screenshot shows the homepage of the Portal de Periódicos Capes. At the top left, there is a banner for 'Educação Ministério da Educação'. The main header features the 'periodicos.' logo and the 'CAPES' logo. Navigation links include 'VERSÃO ANTERIOR', 'MAPA DO SITE', 'FALE CONOSCO', 'TAMANHO' (with 'A+' and 'A-' buttons), and 'CONTRASTE' (with 'A' and 'A' buttons). A secondary navigation bar contains 'PÁGINA INICIAL', 'INSTITUCIONAL', 'ACERVO', 'NOTÍCIAS', and 'SUPORTE'. A breadcrumb trail indicates 'Você está aqui: Página inicial'. The main content area is divided into a search section on the left and a large image on the right. The search section includes a 'Busca integrada' form with a dropdown for 'Selecionar a área do conhecimento', a text input for 'Inserir termo', and a 'BUSCAR' button. Below this is a 'Busca Avançada' link with a green arrow pointing to it, and a 'Buscar periódico' section with a grid of letters (A-Z) and a 'Lista Completa' link. The large image on the right shows a man in a green shirt sitting on the ground in a forest, using a laptop. Text overlaid on the image reads 'MAIS ÁGIL MAIS FÁCIL MAIS MODERNO'. Below the search and image sections are three columns of news and collections. The 'Notícias' section includes a link to 'Coleções da Readex/Newsbank' and a news item from 13.10.10 about researchers receiving the Scopus award. The 'Coleções' section lists 'Philosophical Books', 'Project MUSE', and 'U.S. Congressional Serial Set 1817-1994'. A 'Treinamentos' section is also visible at the bottom.

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CAPES

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PÁGINA INICIAL | INSTITUCIONAL | ACERVO | NOTÍCIAS | SUPORTE

Você está aqui: Página inicial

Busca integrada

Selecionar a área do conhecimento

Inserir termo [BUSCAR]

Busca Avançada

Buscar periódico

0 A 9 A B C D E F G H I J K L M N  
O P Q R S T U V W X Y Z

Lista Completa

MAIS ÁGIL MAIS FÁCIL  
MAIS MODERNO

Notícias

Coleções da Readex/Newsbank podem ser avaliadas no Portal de Periódicos

Conteúdo inclui jornais latino-americanos e publicações do governo dos Estados Unidos. Trial se encerra em 04 de dezembro de 2010.

13.10.10 - Pesquisadoras brasileiras recebem Prêmio Scopus Brasil 2010

Premiação vai consagrar dez pesquisadoras brasileiras com significativa produção científica

08.10.10 - Nova plataforma da Britannica Online

Objetivo é facilitar a busca por informações

Acesse os tutoriais do Novo Portal de Periódicos

Entenda os recursos de busca no acervo do Portal. Destaque para o novo tutorial, Buscar Periódicos

Coleções

Disponível desde 17.06.09

Philosophical Books

Acesso a textos analíticos sobre filosofia incluindo discussões sobre o conteúdo das mais recentes publicações lançadas no mercado editorial.

Disponível desde 21.10.09

Project MUSE

Uma seleção de periódicos especializados na área de Ciências Humanas e Ciências Sociais Aplicadas

Veja Mais

Disponível desde 19.10.00

Web of Science

Base referencial multidisciplinar que apresenta ferramentas de análise de citações

Disponível até 04.12.10 - em avaliação

U.S. Congressional Serial Set 1817-1994

Está em avaliação a coleção de publicações do congresso norte-americano do século XIX e XX

Treinamentos

Você está aqui: Página inicial | Acervo

## Metabusca

### > Busca integrada

Ajuda

#### Busca Integrada

BUSCA

RESULTADO DA BUSCA

BUSCAS ANTERIORES

#### Buscar Base

Localize bases referenciais e de texto completo por área de conhecimento ou interesse.

#### Buscar Periódico

Localize títulos de periódicos em texto completo por área de conhecimento ou interesse.

#### Meu Espaço

Crie alertas de pesquisa, salve seus artigos, periódicos e bases referenciais preferidos.

### Busca por (Preencha pelo menos um dos campos abaixo)

Busca Simplificada  Busca Avançada

Buscar palavra  Todos os campos

Buscar palavra  Todos os campos

### Selecionar bases para busca (Selecione entre 1 e 11 bases para busca)

Bases indicadas  Localizar por área de conhecimento  Localizar em base específica



Você está aqui: Página inicial | Acervo

## Metabusca

### > Buscar base

Ajuda

#### Busca Integrada

Encontre os resumos, artigos e livros disponíveis no acervo do Portal de Periódicos.

#### Buscar Base

BUSCA

RESULTADO DA BUSCA

#### Buscar Periódico

Localize títulos de periódicos em texto completo por área de conhecimento ou interesse.

#### Meu Espaço

Crie alertas de pesquisa, salve seus artigos, periódicos e bases referenciais preferidos.

### Buscar base (Selecione uma das opções abaixo para buscar uma base)

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Título

scopus

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LIMPAR

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Your query: TITLE-ABS-KEY ( "quantum mechanics" )



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Source Title	Author Name	Year	Affiliation	Subject Area
<input type="checkbox"/> Physical Review B Condensed Matter and Materials Physics (3,827)	<input type="checkbox"/> Goddard, W.A. (95)	<input type="checkbox"/> 2010 (1,105)	<input type="checkbox"/> Istituto Nazionale Di Fisica Nucleare, Frascati (455)	<input type="checkbox"/> Physics and Astronomy (23,135)
<input type="checkbox"/> Physical Review D (1,637)	<input type="checkbox"/> Khrennikov, A. (47)	<input type="checkbox"/> 2009 (1,466)	<input type="checkbox"/> University of Tokyo (356)	<input type="checkbox"/> Mathematics (5,207)
<input type="checkbox"/> Physics Letters Section A General Atomic and Solid State Physics (1,436)	<input type="checkbox"/> Vigier, J.P. (46)	<input type="checkbox"/> 2008 (1,436)	<input type="checkbox"/> University of Cambridge (351)	<input type="checkbox"/> Chemistry (5,667)
<input type="checkbox"/> Physics Letters Section B Nuclear Elementary Particle and High Energy Physics (1,110)	<input type="checkbox"/> Man'ko, V.I. (45)	<input type="checkbox"/> 2007 (1,461)	<input type="checkbox"/> Princeton University (306)	<input type="checkbox"/> Multidisciplinary (2,154)
<input type="checkbox"/> Nature (951)	<input type="checkbox"/> Rode, B.M. (42)	<input type="checkbox"/> 2006 (1,387)	<input type="checkbox"/> University of Oxford (306)	<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology (2,051)

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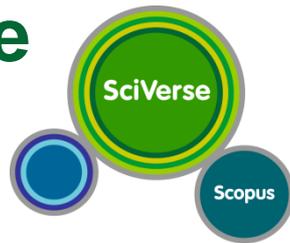
Search within results

Search

	Document title (click to sort on relevance)	Author(s)	Date	Source title	Citations
1	<input type="checkbox"/> Mapping and reverse-mapping of the morphologies for a molecular understanding of the self-assembly of fluorinated block copolymers	Kacar, G., Atilgan, C., Özen, A.S.	2010	Journal of Physical Chemistry C 114 (1), pp. 370-382	0
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				
2	<input type="checkbox"/> A new look at relational holism in quantum mechanics	Morganti, M.	2010	Philosophy of Science 78 (5), pp. 1027-1038	0
	<a href="#">Show abstract</a>				
3	<input type="checkbox"/> A method for measuring the Witten index using lattice simulation	Kanamori, I.	2010	Nuclear Physics B 841 (3), pp. 426-447	0
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				

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### Refine results

Source Title	Author Name	Year
<input type="checkbox"/> Quantum Mechanics (1,341)	<input type="checkbox"/> Messiah, A. (808)	<input type="checkbox"/> 2023 (1)
<input type="checkbox"/> Foundations of Quantum Mechanics (67)	<input type="checkbox"/> Landau, L.D. (316)	<input type="checkbox"/> 2010 (81)
<input type="checkbox"/> Am J Phys (61)	<input type="checkbox"/> Lifshitz, E.M. (242)	<input type="checkbox"/> 2009 (147)
<input type="checkbox"/> Proceedings of the Third International Symposium on the Foundations of Quantum Mechanics in the Light of New Technology (41)	<input type="checkbox"/> Cohen-Tannoudji, C. (149)	<input type="checkbox"/> 2008 (166)
<input type="checkbox"/> Quantum Mechanics Non Relativistic Theory (40)	<input type="checkbox"/> Dlu, B. (142)	<input type="checkbox"/> 2007 (169)

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	Document title (click to sort on relevance)	Author(s)	Date	Source title	Citations
1	<input type="checkbox"/> [No title available]	Duvenhage, R.	2023	Recurrence in Quantum Mechanics	1
2	<input type="checkbox"/> Time in Quantum Mechanics	Muga, J.G., Ruschhaupt, A.	2010	Lecture Notes in Physics 789 2	0
3	<input type="checkbox"/> [No title available]	Bachas, C., Green, M., Schwimmer, A.	2010	(8,0) Quantum mechanics and symmetry enhancement in type I superstrings	0

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<input type="checkbox"/> General Scientific Web (361.119) <input type="checkbox"/> ArXiv: Los Alamos pre-prints (6.938) <input type="checkbox"/> NDLTD: Theses & dissertations (4.413) <input type="checkbox"/> PhilSci Archive (1.023) <input type="checkbox"/> MIT OpenCourseWare (812)	<input type="checkbox"/> Full text (18.437)	<input type="checkbox"/> quantumphysics <input type="checkbox"/> physicists <input type="checkbox"/> wavemechanics <input type="checkbox"/> angularmomentum <input type="checkbox"/> theoreticalphysics <input type="checkbox"/> uncertaintyprinciple <input type="checkbox"/> quantumsystem <input type="checkbox"/> relativistic <input type="checkbox"/> classicalphysics <input type="checkbox"/> entanglement <input type="checkbox"/> hamiltonian <input type="checkbox"/> waveparticle <input type="checkbox"/> measurementproblem <input type="checkbox"/> newtonianmechanics <input type="checkbox"/> classicalmechanics

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Date Document (sort by relevance)

- 2010 PhilSci Archive - Subject: Quantum Mechanics  
**SCIRUS** Web Result  
Lombardi, Olimpia and Fortin, Sebastian and Castagnino, Mario (2010) The problem of identifying the system and the environment in the phenomenon of decoherence.  
[philsci-archive.pitt.edu/.../quantum-mechanics.html]  
More results from this site
- 2009 Theory: Quantum Mechanics (SLAC VVC)

# Resultado de patentes



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Patent Office	Keywords
<input type="checkbox"/> US Patent Office (2,465)	<input type="checkbox"/> photon
<input type="checkbox"/> World Intellectual Property Organization (WIPO) (866)	<input type="checkbox"/> photons
<input type="checkbox"/> European Patent Office (217)	<input type="checkbox"/> ligand
<input type="checkbox"/> UK Patent Office (85)	<input type="checkbox"/> polarization
<input type="checkbox"/> Japanese Patent Office (47)	<input type="checkbox"/> polarisation
	<input type="checkbox"/> interferometer
	<input type="checkbox"/> photon source
	<input type="checkbox"/> disclosed
	<input type="checkbox"/> phosphorescent
	<input type="checkbox"/> cathode
	<input type="checkbox"/> polypeptide
	<input type="checkbox"/> emitting
	<input type="checkbox"/> skill in the art
	<input type="checkbox"/> transport layer
	<input type="checkbox"/> beam splitter
	<input type="checkbox"/> emissive
	<input type="checkbox"/> application no
	<input type="checkbox"/> moiety
	<input type="checkbox"/> photon detector
	<input type="checkbox"/> amplifier

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- 2006 [Quantum mechanics modelling for surface plasmon resonance](#)  
**GILBERT, RICHARD**  
A method for predicting the suitability of a material to support surface plasmon resonance (SPR) at a given wavelength comprising using quantum mechanics to predict the dielectric properties of a variety of metals to thereby derive mathematical models to ...  
**Patent record available from the UK Patent Office**
- 2005 [METHOD OF MODELING AND PREDICTING BINDING OF LIGAND MOLECULES TO TARGET MOLECULES BY METHODS OF QUANTUM MECHANICS TAKING EFFECT OF SOLVENT INTO ACCOUNT](#)

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Your query: ( TITLE-ABS-KEY ( phenol ) AND TITLE-ABS-KEY ( isolation by acid guanidinium ) ) [Edit](#) | [Save](#) | [Set alert](#) | [Set feed](#) | [View search history](#)

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Source Title	Author Name	Year	Affiliation	Subject Area
<input type="checkbox"/> Analytical Biochemistry (6)	<input type="checkbox"/> Liang, D.C. (2)	<input type="checkbox"/> 2010 (1)	<input type="checkbox"/> Tianjin Medical University (3)	<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology (24)
<input type="checkbox"/> Biotechniques (3)	<input type="checkbox"/> Kingston, R.E. (2)	<input type="checkbox"/> 2009 (1)	<input type="checkbox"/> National Institute of Allergy and Infectious Diseases (2)	<input type="checkbox"/> Medicine (10)
<input type="checkbox"/> Journal of Virological Methods (2)	<input type="checkbox"/> Guo, S.Y. (2)	<input type="checkbox"/> 2006 (4)	<input type="checkbox"/> University of Southern California (2)	<input type="checkbox"/> Immunology and Microbiology (7)
<input type="checkbox"/> Journal of Endodontics (2)	<input type="checkbox"/> Guo, R.L. (2)	<input type="checkbox"/> 2005 (1)	<input type="checkbox"/> Natl. Grassland Research Institute (1)	<input type="checkbox"/> Agricultural and Biological Sciences (4)
<input type="checkbox"/> Progress in Biochemistry and Biophysics (2)	<input type="checkbox"/> Ribaudo, R. (2)	<input type="checkbox"/> 2004 (2)	<input type="checkbox"/> Institut für Mikrobiologie (1)	<input type="checkbox"/> Veterinary (3)

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	Document title (click to sort on relevance)	Author(s)	Date	Source title	Citations
1	<input type="checkbox"/> Single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction	Chomczynski, P., Sacchi, N.	1987	<i>Analytical Biochemistry</i> 162 (1), pp. 156-159	42311
	<a href="#">View at publisher</a>   <a href="#">Show abstract</a>				
2	<input type="checkbox"/> An improvement of the single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction	Puissant, C., Houdebine, L.M.	1990	<i>BioTechniques</i> 8 (2), pp. 148-149	417
3	<input type="checkbox"/> The single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction: Twenty-something years on	Chomczynski, P., Sacchi, N.	2006	<i>Nature Protocols</i> 1 (2), pp. 581-585	103
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				
4	<input type="checkbox"/> Development of a PCR amplification assay as a screening test using bulk milk samples for identifying dairy herds infected with bovine viral diarrhoea virus	Radwan, G.S., Brook, K.V., Hogan, J.S., Smith, K.L.	1995	<i>Veterinary Microbiology</i> 44 (1), pp. 77-92	59
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				
5	<input type="checkbox"/> Rapid isolation method for lipopolysaccharide and lipid A from Gram-negative bacteria	Yi, E.C., Hackett, M.	2000	<i>Analyt</i> 125 (4), pp. 651-656	53
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				
6	<input type="checkbox"/> Optimization of extraction and PCR amplification of RNA extracts from paraffin-embedded tissue in different fixatives	Koopmans, M., Monroe, S.S., Coffield, L.M., Zaki, S.R.	1993	<i>Journal of Virological Methods</i> 43 (2), pp. 189-204	39
	<a href="#">View at publisher</a>   <a href="#">Capes-BR</a>   <a href="#">Show abstract</a>				
7	<input type="checkbox"/> Extraction and isolation of mRNA from adult articular cartilage	Adams, M.E., Ding Qiu Huang, Lena Yue Yao, Sandell, L.J.	1992	<i>Analytical Biochemistry</i> 202 (1), pp. 89-95	38
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5  Rapid isolation method for lipopolysaccharide  
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9  Determination of HER-2/neu amplification and expression in breast cancer cells using a simple, phenol free method for DNA isolation  
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13  Eosinophilic lung inflammation in particulate-induced asthma: a consideration in isolating RNA for gene expression  
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14  Isolation of full-length RNA templates for reverse transcription-PCR of RNase and proteoglycans  
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15  Expressed genes in the extraradical hyphae of an arbuscular mycorrhizal fungus, *Glomus intraradices*, in the symbiotic phase  
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16  Cytomegalovirus and Epstein-Barr virus active infection in periapical lesions of teeth with intact crowns  
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17  A comparison of two RNA isolation methods for double-stranded RNA of infectious bursal disease virus

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## Estimation of cellular DNA content in cell lysates suitable for RNA isolation<sup>1</sup>

Zbigniew Rymaszewski<sup>1</sup>, William A. Abplanalp<sup>2</sup>, Robert M. Cohen<sup>2</sup> and Piotr Chomoszynski<sup>1</sup>

<sup>1</sup>Department of Medicine, University of Cincinnati College of Medicine, Cincinnati, Ohio 45267-0547, USA  
<sup>2</sup>Department of Ophthalmology, University of Cincinnati College of Medicine, Cincinnati, Ohio 45267-0547, USA  
Received 5 February 1990. Available online 08 December 2004.

**Abstract**  
Methods are described for the isolation of DNA and RNA from cells with a minimum of steps. The method of cellular DNA isolation is suitable for...

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## The single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction: Twenty-something years on

Chomczynski, P.<sup>1</sup>, Sacchi, N.<sup>2</sup>

<sup>1</sup> Molecular Research Center, 2600 Clifton Avenue, Cincinnati, OH 45221, United States

<sup>2</sup> Department of Cancer Genetics, Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY 14263, United States

### Abstract

Since its introduction, the 'single-step' method has become widely used for isolating total RNA from biological samples of different sources. The principle at the basis of the method is that RNA is separated from DNA after extraction with an acidic solution containing guanidinium thiocyanate, sodium acetate, phenol and chloroform, followed by centrifugation. Under acidic conditions, total RNA remains in the upper aqueous phase, while DNA and protein precipitate in the lower organic phase. The original procedure was modified to allow for the isolation of RNA from plant and animal tissues in less than 15 min, as demonstrated.

Language of original document

English

Index Keywords

EMTREE drug terms: chloroform; guanidinium derivative; guanidinium thiocyanate; phenol; RNA; thiocyanic acid derivative; unclassified drug

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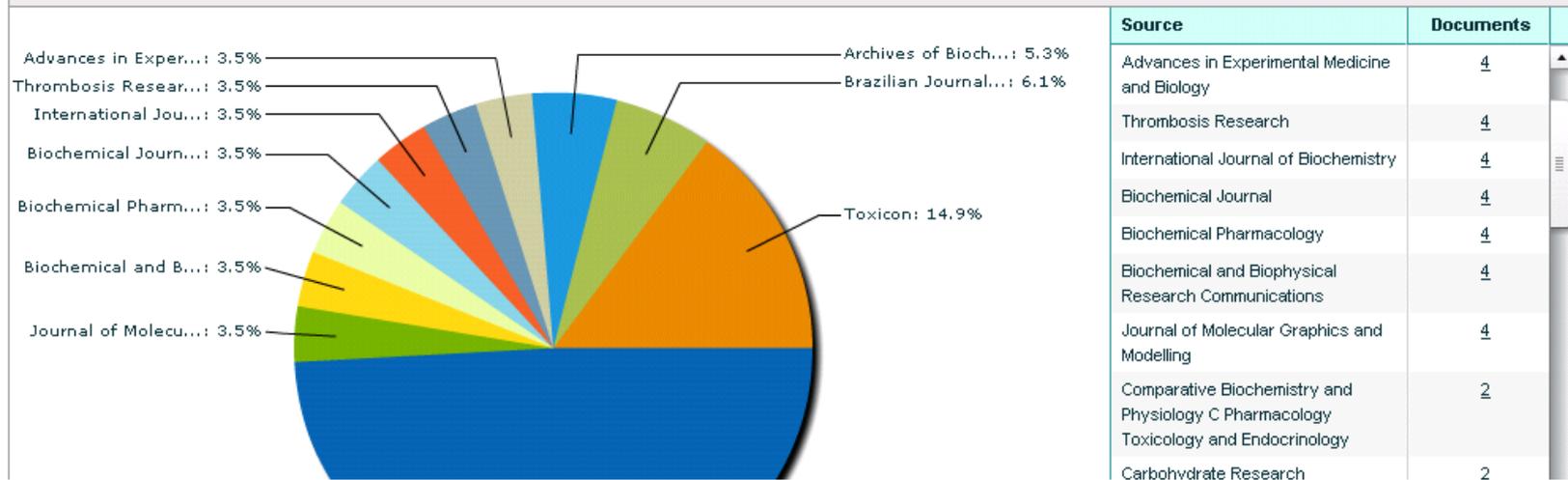
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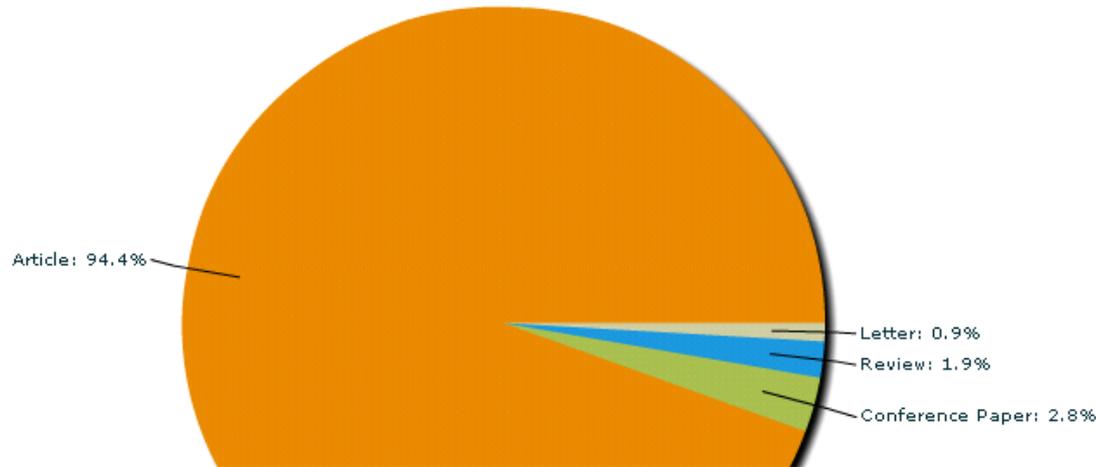
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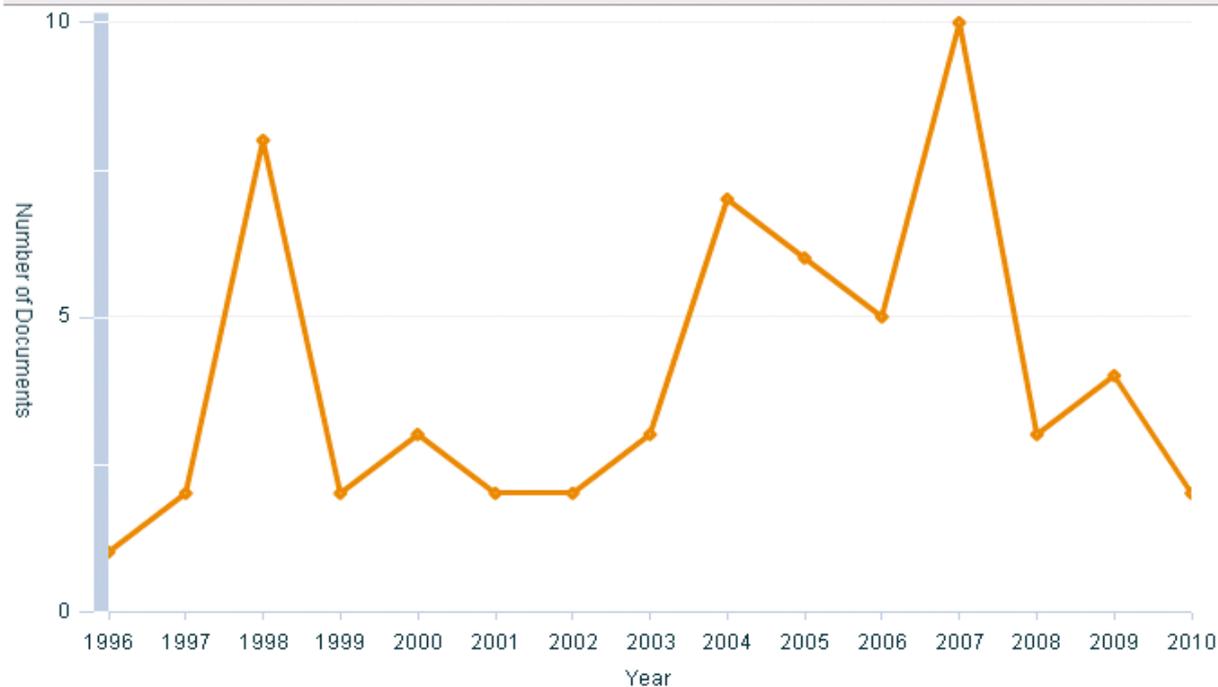
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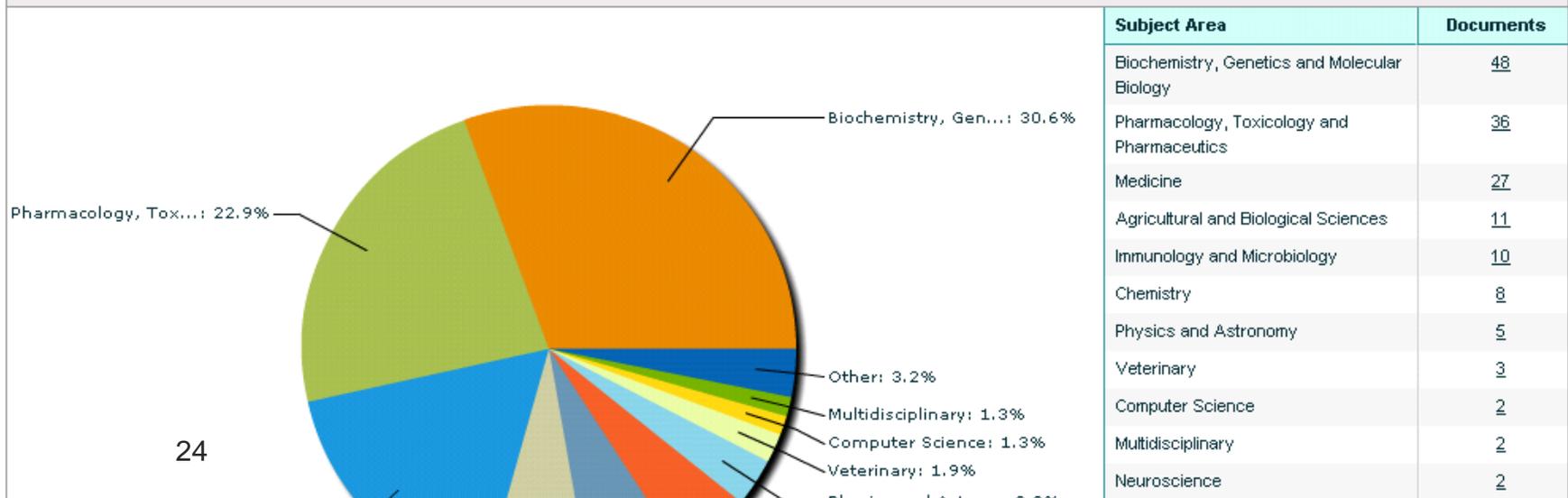
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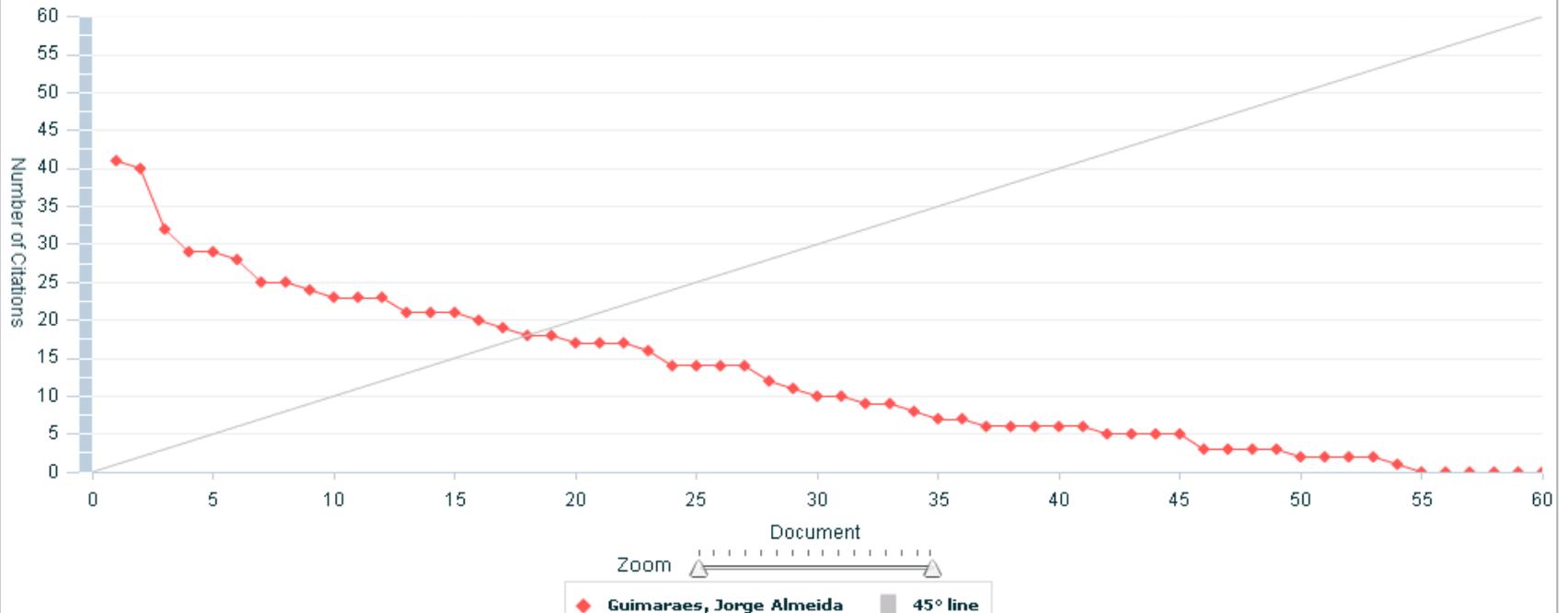
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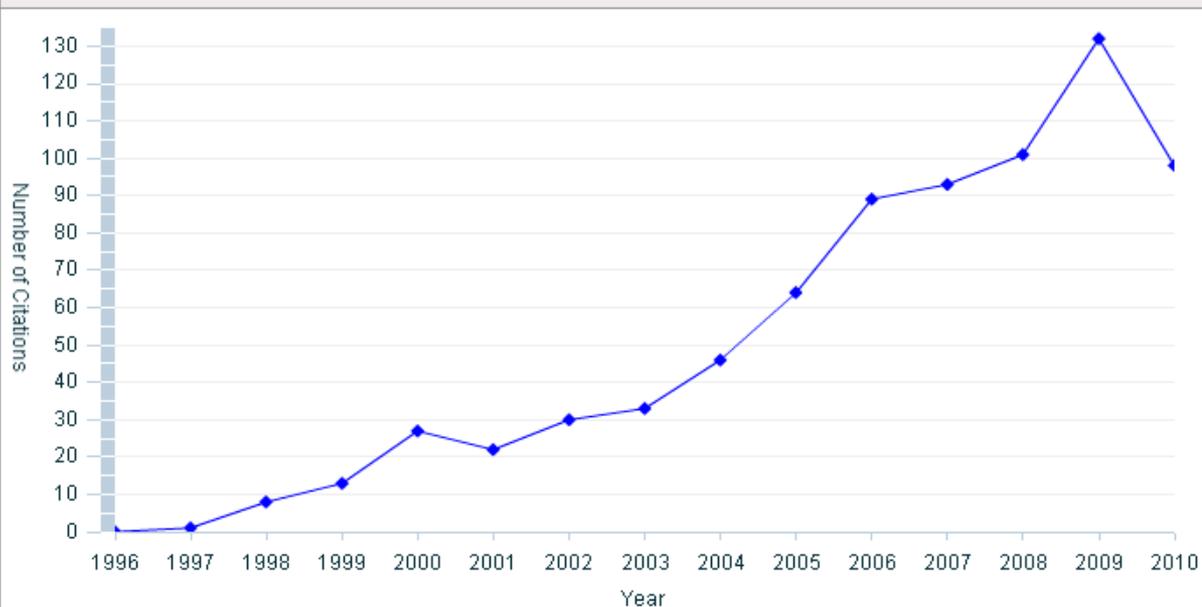
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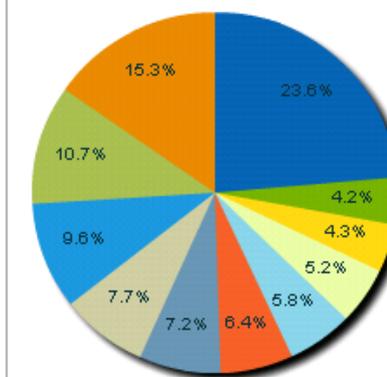
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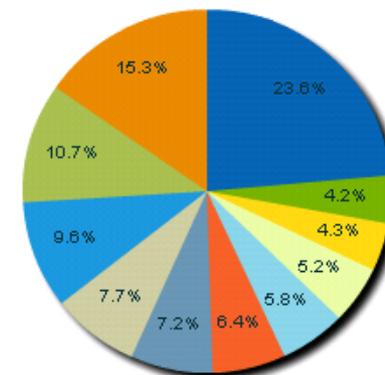
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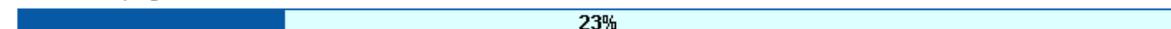
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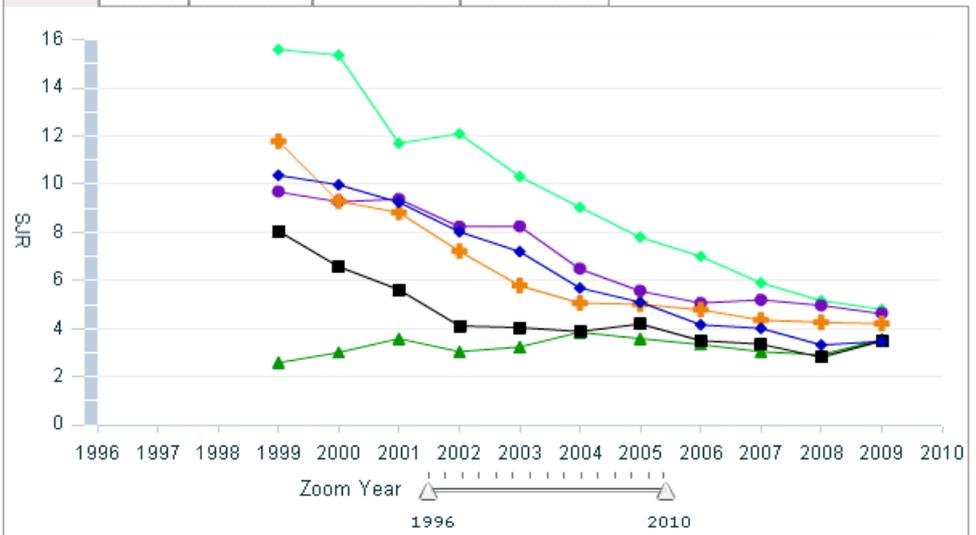
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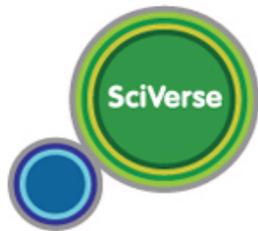
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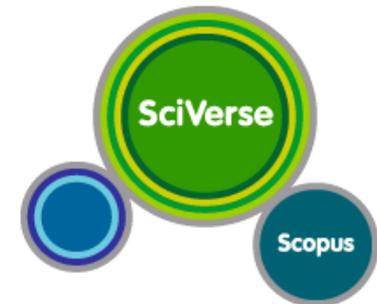
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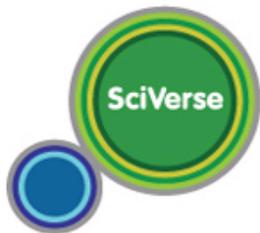
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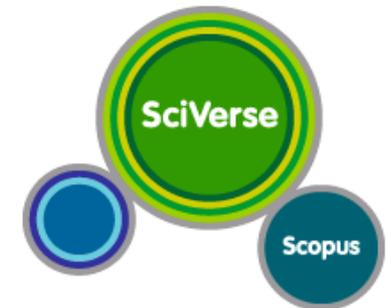
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