Universidade Federal de Pelotas
Programa Jovens Talentos para a Ciência

Bases de dados

Prof. Rafael Moraes
Faculdade de Odontologia, UFPel

PubMed.gov U.S. National Library of Medicine National Institutes of Health | SciVerse | WEB OF KNOWLEDGE | DISCOVERY STARTS HERE

Constante indispensável para a ciência

INFORMAÇÃO

Resultado do processamento, manipulação e organização de dados, modificando o conhecimento do sistema que a recebe

"Era da informação"
"Era digital"
A partir anos 70-80

Era da informação

- Aprendizado contínuo é imprescindível
- É preciso especializar-se (teoria + pragmatismo) → desdobramentos práticos
- Vantagem está na boa aplicação do conhecimento
- Fomento à pesquisa em empresas
- Mudança social e da condição humana

Ciência

Prática sistemática de adquirir conhecimento baseada em métodos científicos

Empirismo × Ciência

Percepções *Evidências*

Características do conhecimento científico

CONFIABILIDADE

VERACIDADE

Organização

Periódico (*Journal*)

Arquivo oficial da comunidade científica para divulgação da informação revisada pelos pares

Revisão pelos pares

- Escrutínio crítico realizado por especialistas da área
- Processo anônimo (em geral)
- Essencial para a qualidade da ciência (filtro)
- Podem sugerir que o artigo seja aceito, modificado ou rejeitado
- Editor da revista tem a palavra final

O que significa estar indexado?

Periódico – estar incluído em uma base de dados

Artigo (*paper*) – estar descrito e poder ser identificado pelo conteúdo, permitindo a recuperação de dados

Bases de dados específicas

Coleção de documentos descritos em CAMPOS DE DADOS ESPECÍFICOS que podem ser recuperados de forma individual ou combinados entre si

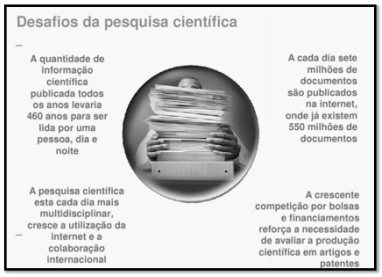
Processo de seleção

1. Objetivos
2. Público-alvo
3. Áreas temáticas de interesse
4. Critérios de seleção

Processo de seleção

1. Qualidade científica (*revisão*)
2. Corpo editorial
3. Regularidade de publicação
4. Normalização (ISSN)
5. Idioma

Por que usar uma base de dados?



Por que pesquisar literatura internacional?

- Periódicos mais renomados
- Maiores chances de evidências mais sólidas
- Arbitragem mais rigorosa (em geral)
- Inglês é o idioma "oficial" da ciência
- Maior abrangência da informação

Bases de dados?

PubMed

Google acadêmico

SJR SCImago Journal & Country Rank

ISI Web of KNOWLEDGE Transforming Research

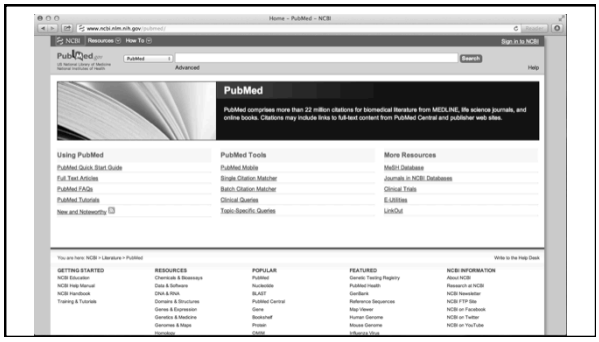
SciVerse Scopus

PubMed

pubmed.gov

PubMed

- National Center of Biotechnology Information (NCBI) – divisão da National Library of Medicine
- Contém aproximadamente 20 milhões de referências (a partir de 1948) e aproximadamente 5.400 periódicos – + 80 países
- Objetivo: Revistas da área de saúde com abrangência internacional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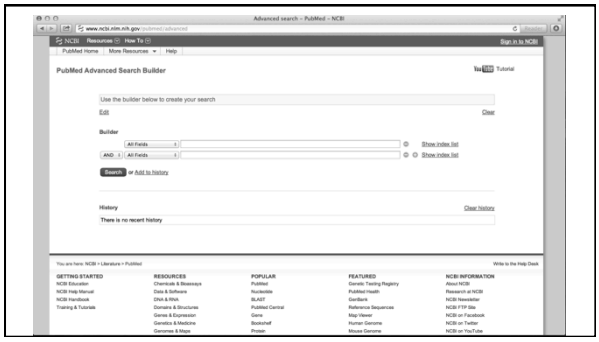
PubMed
PubMed comprises more than 22 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.
Using PubMed
PubMed Tools
More Resources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History
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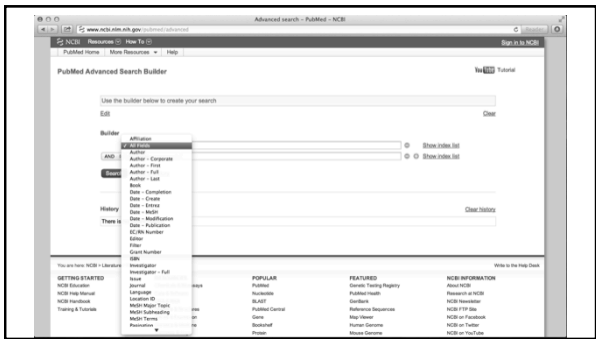
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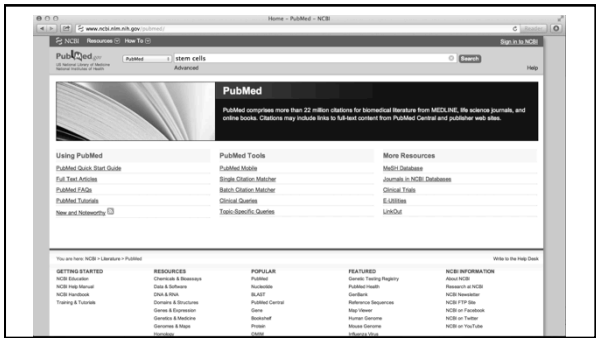
Home - PubMed - NCBI
stem cells
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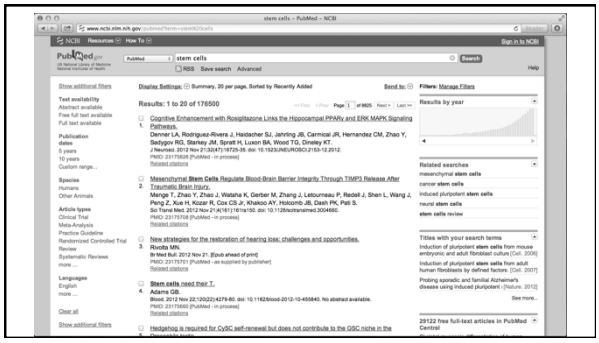
stem cells - PubMed - NCBI
stem cells
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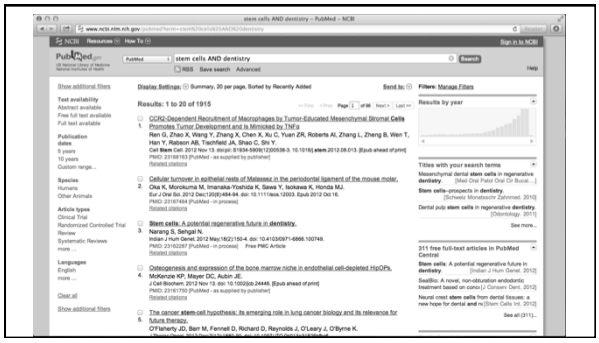
stem cells AND dentistry - PubMed - NCBI
stem cells AND dentistry
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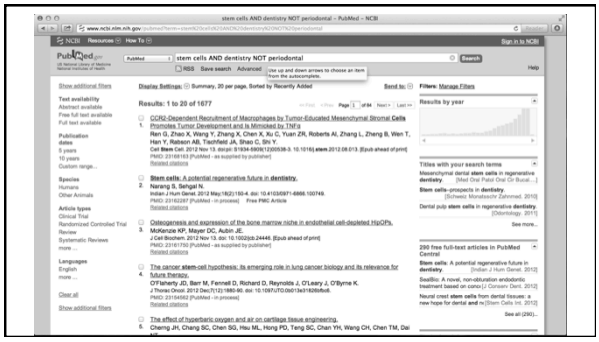

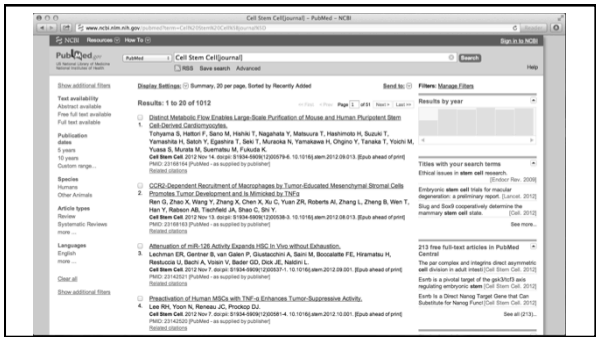

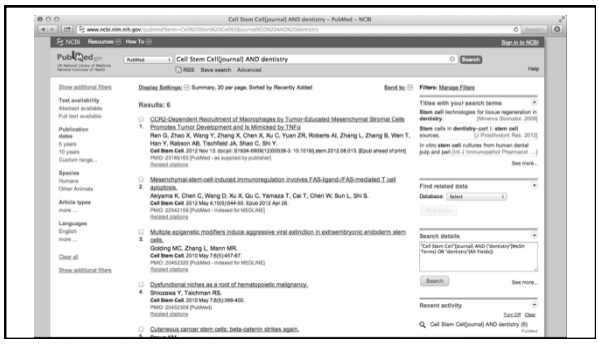

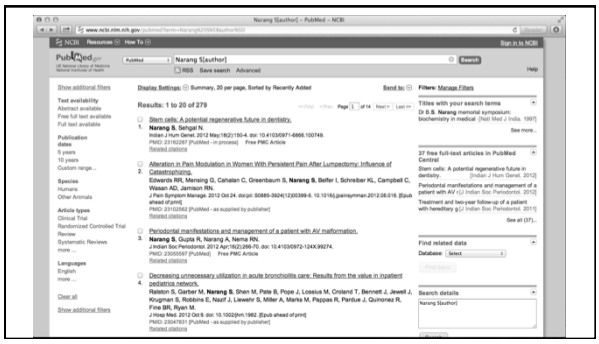

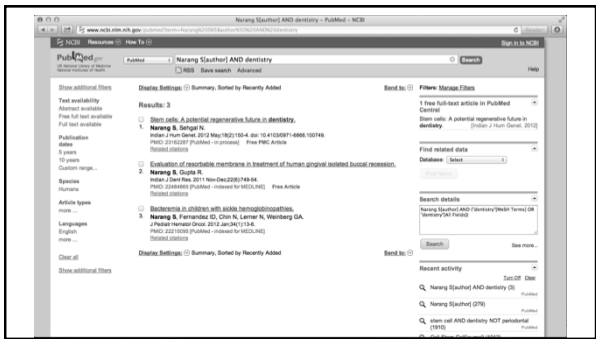

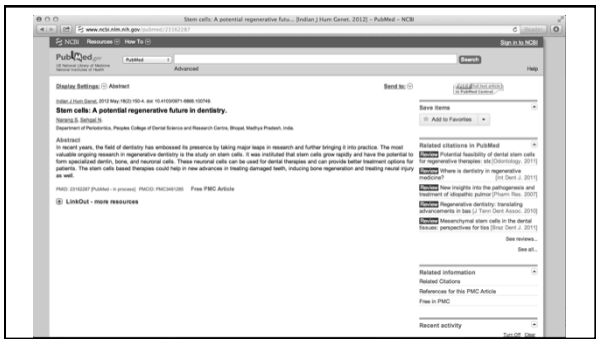

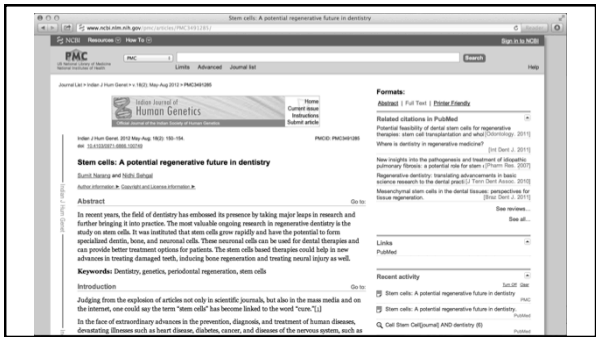
Stem cells: A potential regenerative future in dentistry
Indian Journal of Human Genetics
Abstract
In recent years, the field of dentistry has embossed its presence by taking major leaps in research and further bringing it into practice. The most valuable ongoing research in regenerative dentistry is the study on stem cells. It was instituted that stem cells grow rapidly and have the potential to form specialized dentin, bone, and neuronal cells. These neuronal cells can be used for dental therapies and can provide better treatment options for patients. The stem cells based therapies could help in new advances in treating damaged teeth, inducing bone regeneration and treating neural injury as well.
Keywords: Dentistry, genetics, periodontal regeneration, stem cells
Introduction

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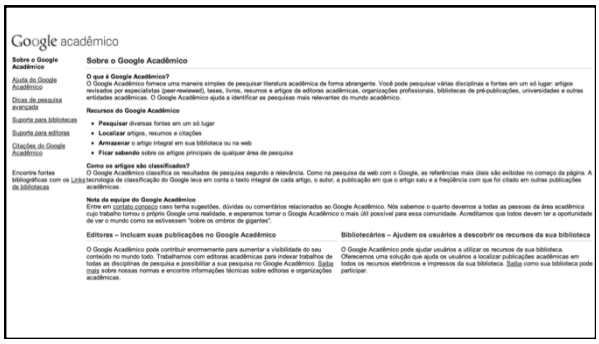
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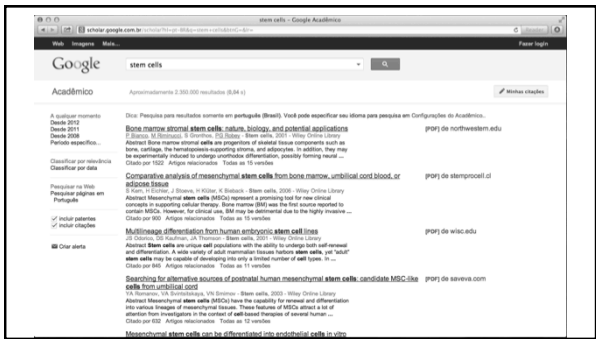
Sobre os ombros de gigantes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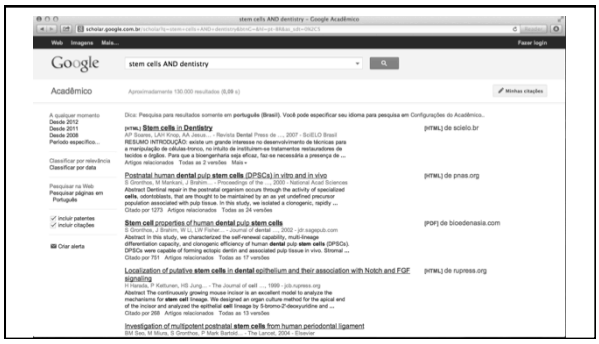
stem cells
Bone marrow stromal stem cells: nature, biology, and potential applications
Comparative analysis of mesenchymal stem cells from bone marrow, umbilical cord blood, or adipose tissue
Multilineage differentiation from human embryonic stem cell lines
Searching for alternative sources of postnatal human mesenchymal stem cells: candidate MSC-like cells from umbilical cord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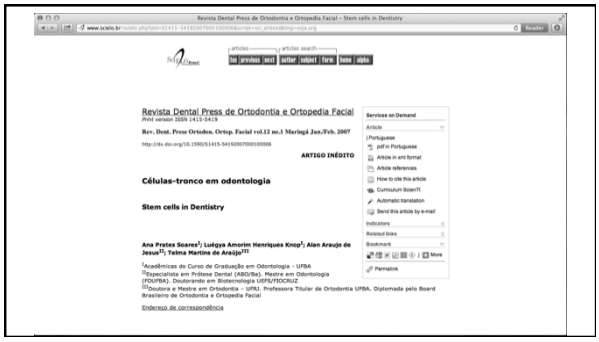
stem cells AND dentistry
Stem cells in Dentistry
Postnatal human dental pulp stem cells (DPSCs) in vitro and in vivo
Stem cell properties of human dental pulp stem cells
Localization of putative stem cells in dental epithelium and their association with Notch and FGF signaling
Investigation of multipotent postnatal stem cells from human periodontal ligament



Revista Dental Press de Ortodontia e Ortopedia Facial

Rev. Dent. Press Ortodon. Ortop. Facial vol.12 no.1 Maringá Jan./Feb. 2007

ARTIGO INÉDITO

Células-tronco em odontologia

Stem cells in Dentistry

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Endereço de correspondência

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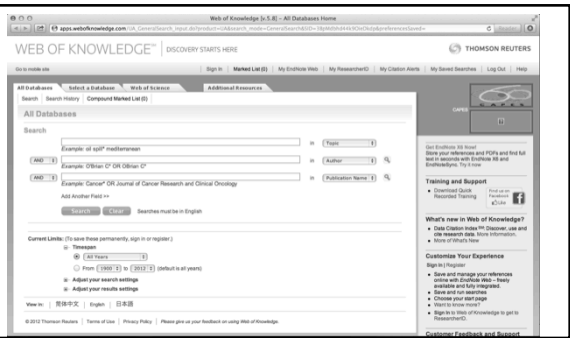
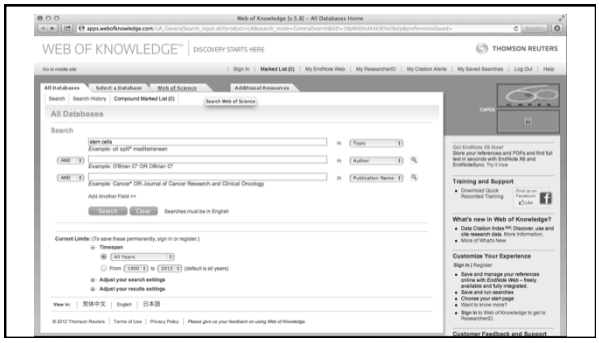
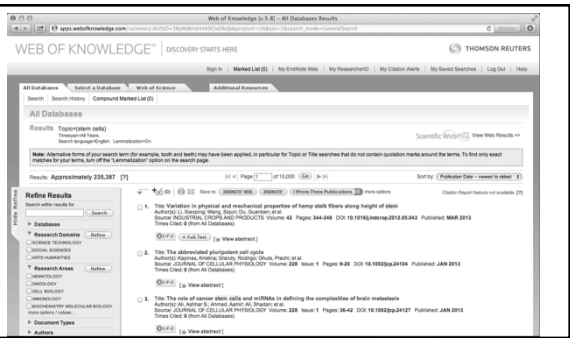






scopus.com

SciVerse

Scopus

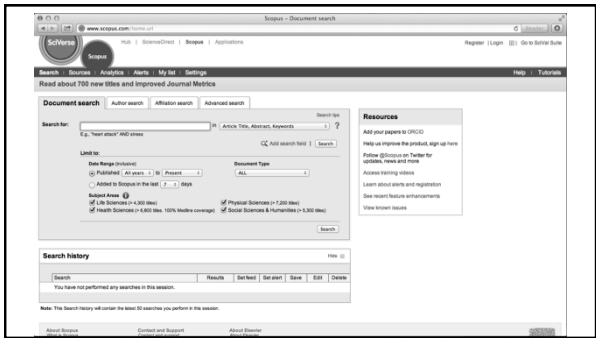
- Maior bases de resumos e citações
- +18.000 títulos – +5.000 editoras internacionais – +23.000.000 de patentes
- Cobertura Mundial
- Base de dados internacional com maior representatividade da produção cientifica latino-americana.

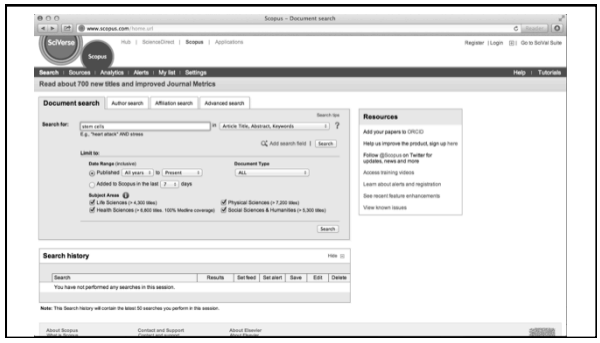
Melhor ferramenta para estudos bibliométricos
Ferramentas:

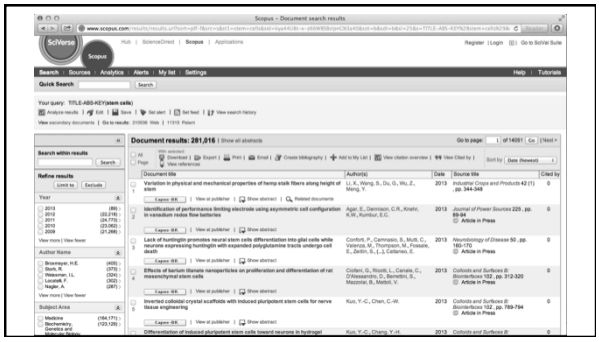
Perfil do autor
Perfil de instituição
Rastreador de citações
Índice h
Analisador de periódicos

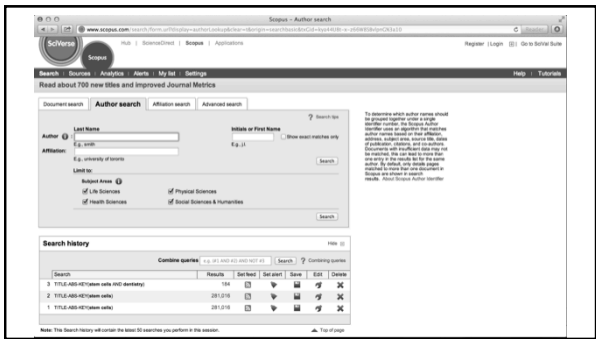
Critérios básicos para indexação no Scopus

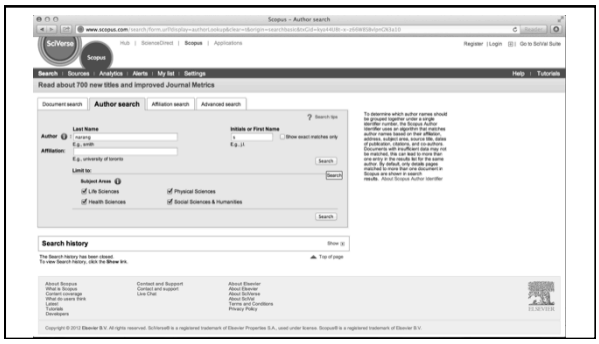
- O artigo deve ter o título e o resumo escritos em inglês
- Periodicidade de publicação (mínimo de uma edição ao ano)
- Título deve ser revisado por pares (*peer reviewed*)
- Qualidade geral, considerando a reputação da editora, a diversidade das afiliações dos autores e o reconhecimento internacional dos editores-chefes
- Prestígio e disponibilidade: incluindo o número de vezes que o título foi citado no Scopus, número de instituições que assinaram o título e o número de vezes que o título foi sugerido para indexação no Scopus











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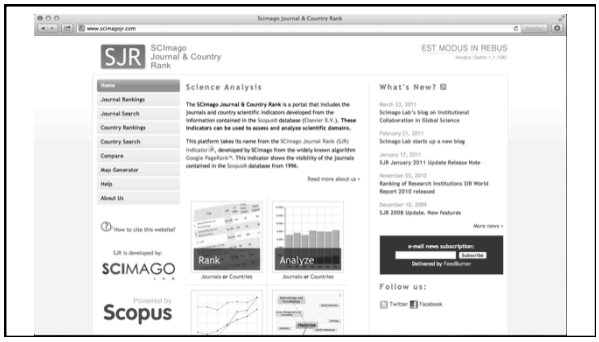
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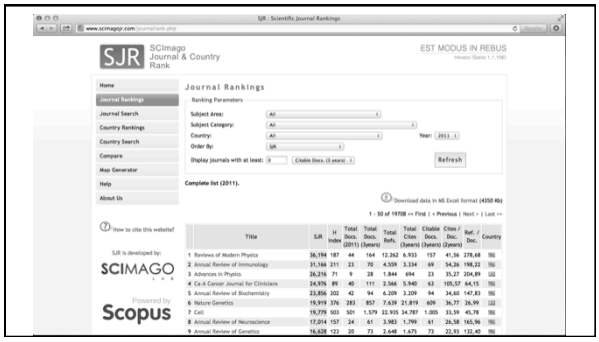
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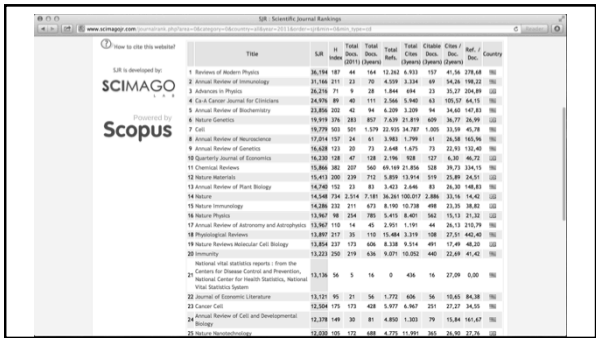
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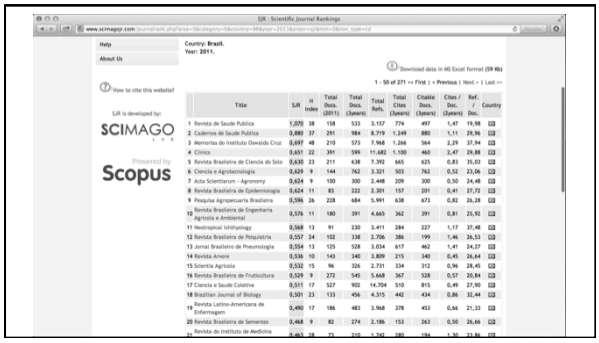
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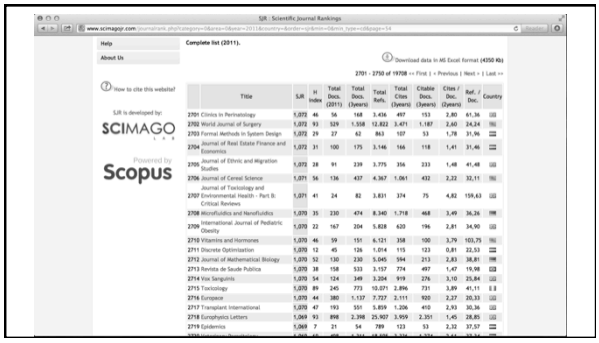
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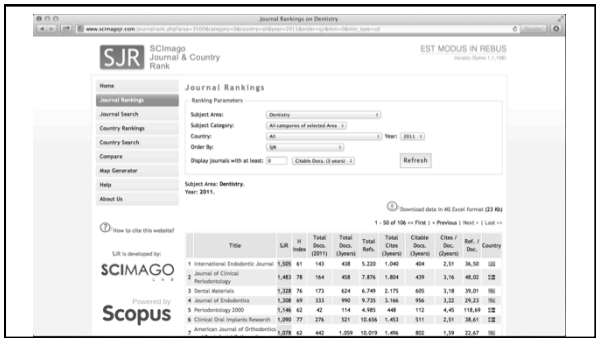
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Journal Rankings
Subject Area: Dentistry.
Year: 2011.
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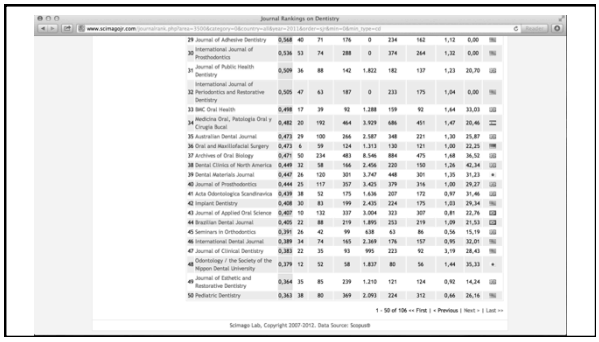
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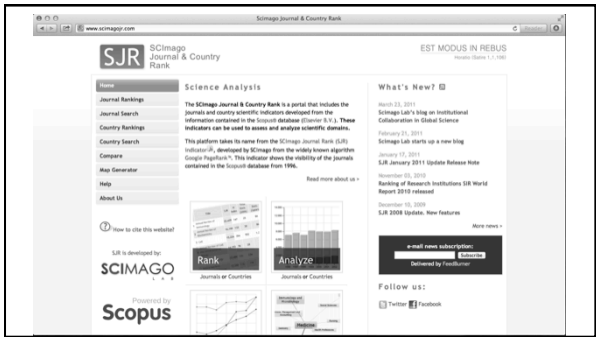
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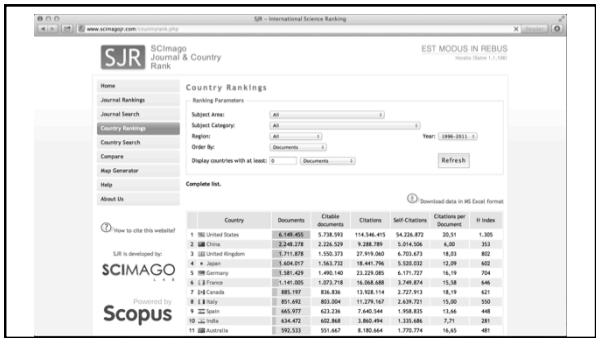
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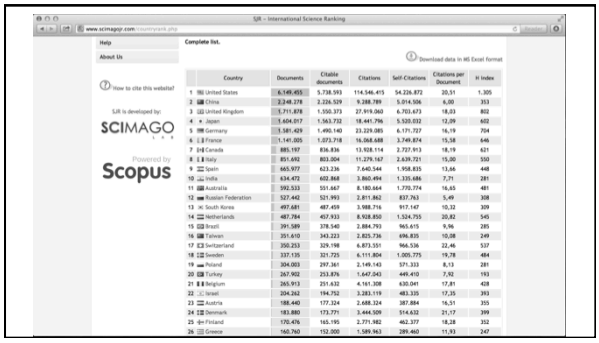
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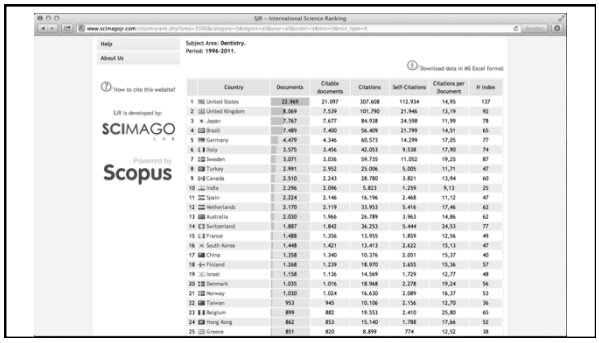
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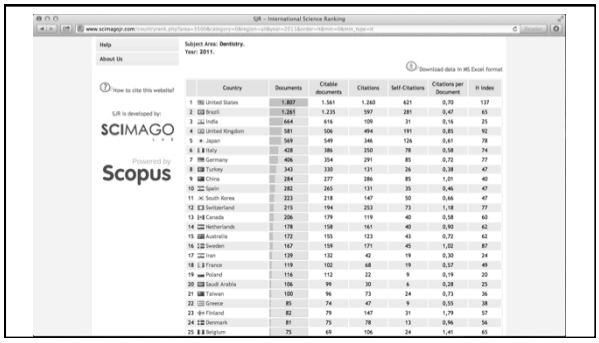
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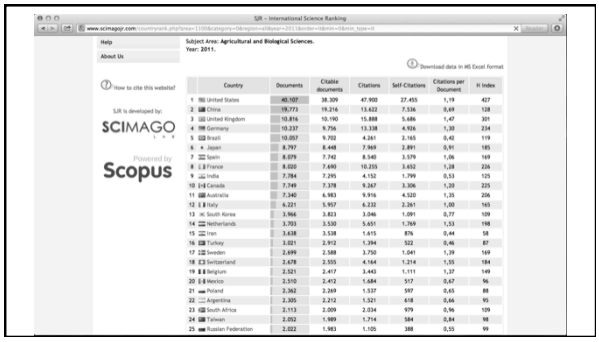
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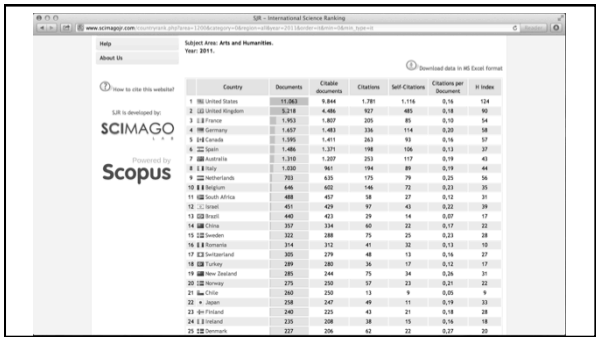
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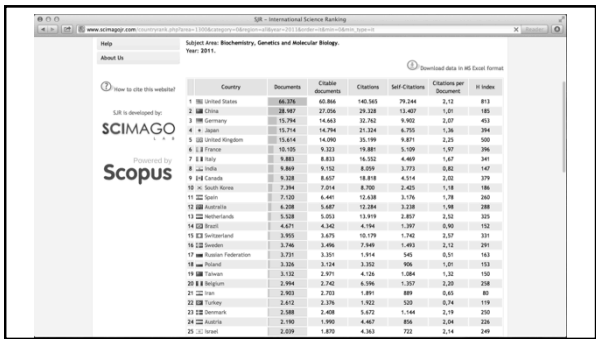
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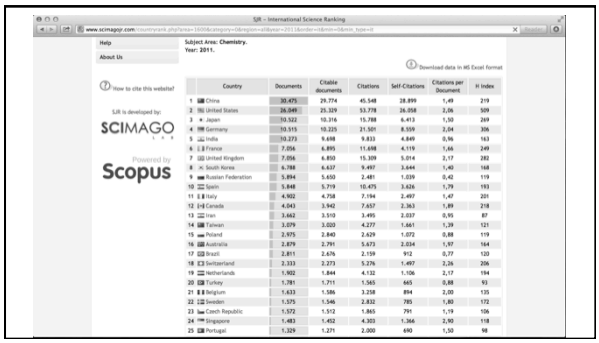
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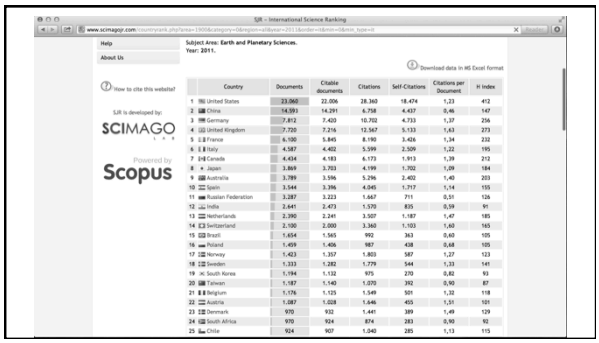
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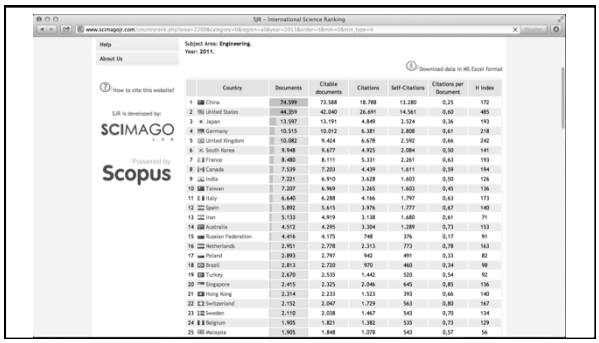
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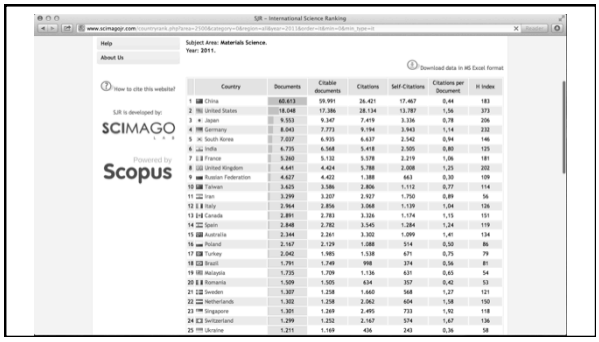
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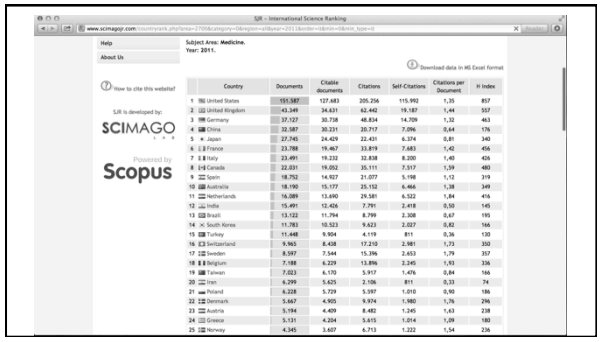
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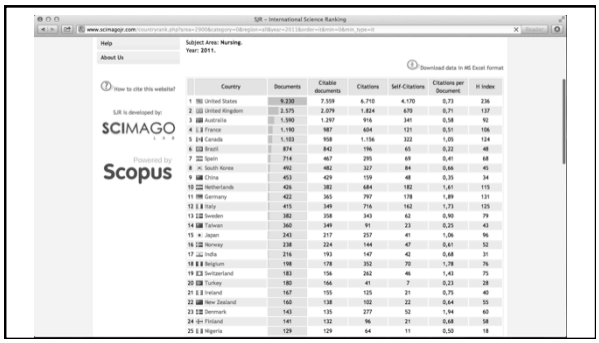
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5 Canada 1.103 958 1.156 322 1,05 124
6 Brazil 874 842 196 65 0,22 48
7 Spain 714 467 295 69 0,41 68
8 South Korea 492 482 327 84 0,66 45
9 China 453 429 159 48 0,35 34
10 Netherlands 426 382 684 182 1,61 115
11 Germany 422 365 797 178 1,89 131
12 Italy 415 349 716 162 1,73 125
13 Sweden 382 358 343 62 0,90 79
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15 Japan 243 217 257 41 1,06 96
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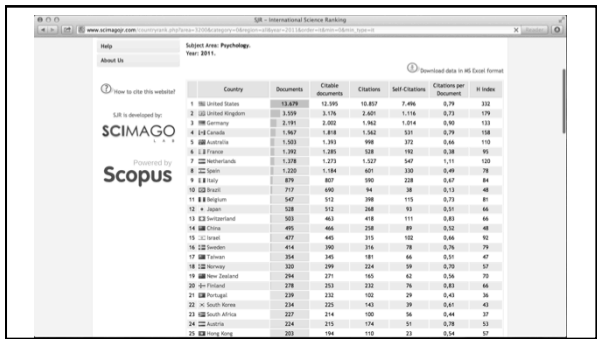
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5 Australia 1.503 1.393 998 372 0,66 110
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7 Netherlands 1.378 1.273 1.527 547 1,11 120
8 Spain 1.220 1.184 601 330 0,49 78
9 Italy 879 807 590 228 0,67 84
10 Brazil 717 690 94 38 0,13 48
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14 China 495 466 258 89 0,52 48
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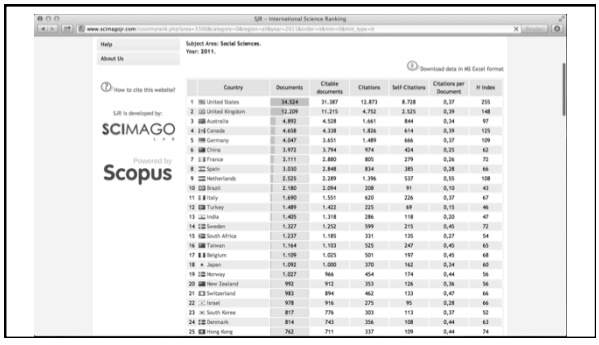
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7 France 3.111 2.880 805 279 0,26 72
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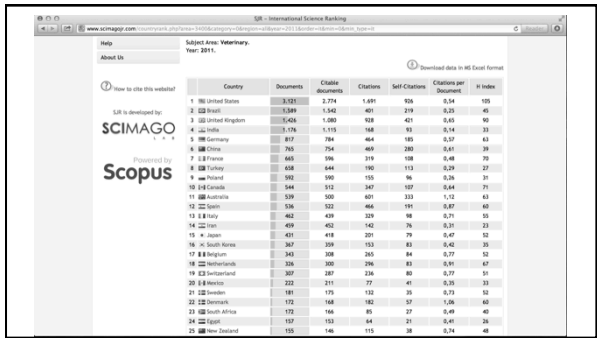
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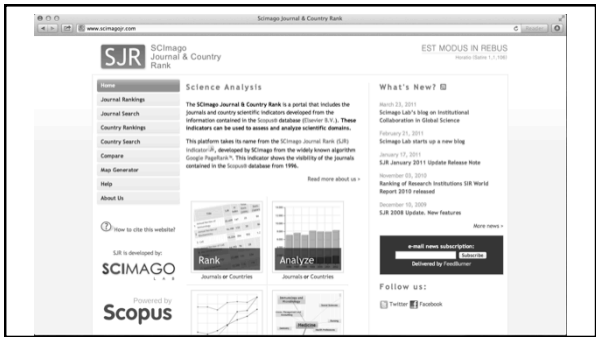

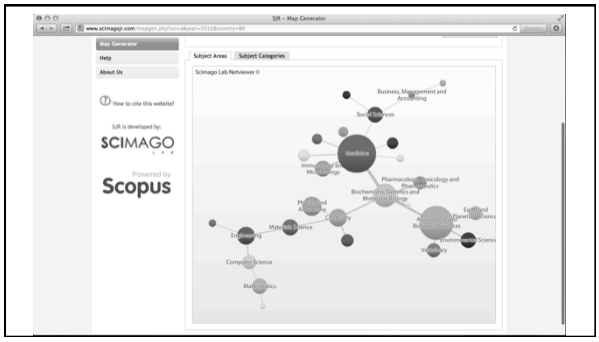

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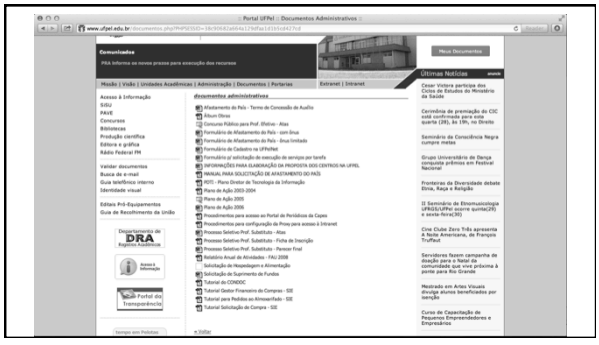
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