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# Ühiselt hangitud e-kollektsiooni väärtusest

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Marika Meltsas

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# Eellugu

- 1998 - ELNET ühishangete töögrupp
  - 1999 - esimene ühisost TÜ, EAR, RR
  - 2000 - OSI eIFL (Electronic Information for Libraries) projekt
  - 2001 - esimene ELNET-i poolt allkirjastatud leping - ScienceDirect
-

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# Väärtus

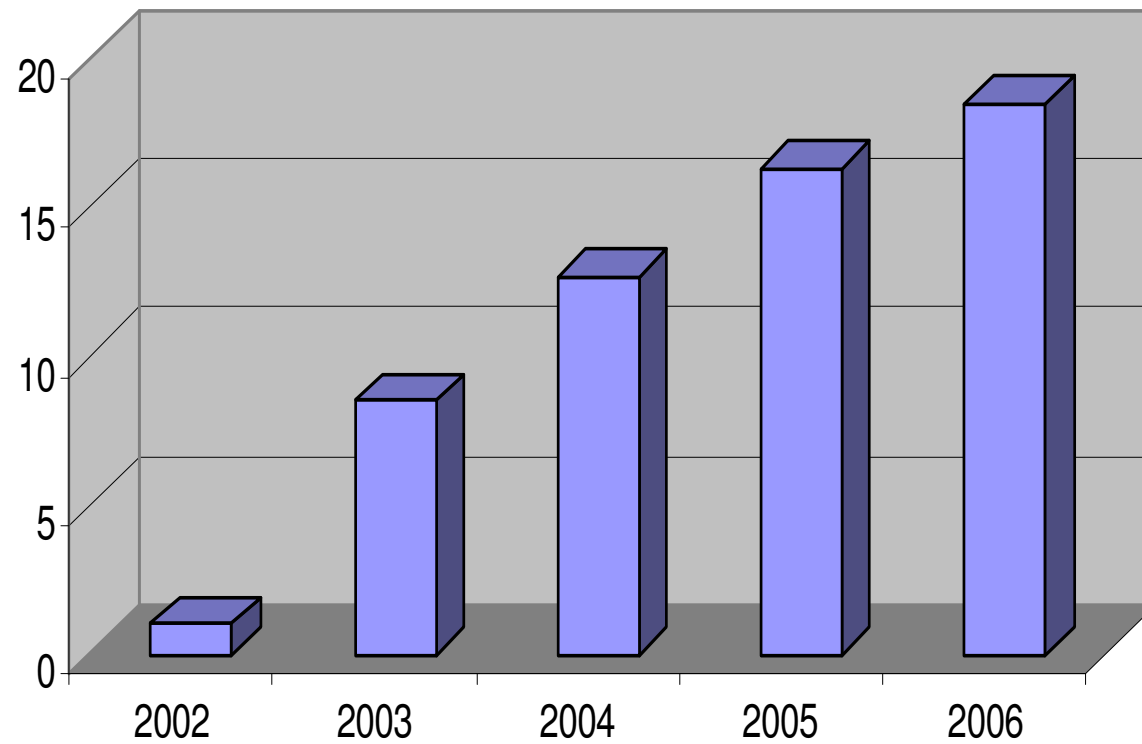
- Maksumus
  - Maht
  - Informatsiooni relevantsus kasutajagruppidele
  - Kasutatavus
  - Ressursside ökonoomne kasutus, kulude kokkuvõid
  - Lisandväärtus
-

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# Ühisostude rahastamine

- Iga raamatukogu maksab osalustasu
  - Osalustasu + nn tsentraalne raha Haridus- ja Teadusministeeriumilt
  - Tsentraalne raha Haridus- ja Teadusministeeriumilt
-

### Haridus- ja Teadusministeeriumi toetus ühishangeteks



# Maht

- ~ 10 000 e-ajakirja
- 30 lepingut



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# Juhtivate kirjastuste teadusajakirjad

- American Chemical Society
  - American Institute of Physics
  - American Physical Society
  - American Psychological Association
  - Blackwell Publishing
  - Cambridge University Press
  - Cell Press
  - Elsevier
  - Emerald
  - Institute of Physics
  - Nature Publishing
  - Oxford University Press
  - Springer /Kluwer
  - Wiley
-

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# E-Raamatud

- Oxford Scholarship Online
  - Oxford Reference Online
  - Oxford English Dictionary
  - ebrary
  - Lecture Notes in Computer Science
-



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## Erialased referaatandmebaasid, tsiteerimisandmebaasid

- PsycInfo
  - SciFinder Scholar
  - Inspec
  - MathSciNet
  - Zentralblatt MATH Database
  - GeoRef
  
  - ISI Web of Science
  - Journal Citation Reports
-

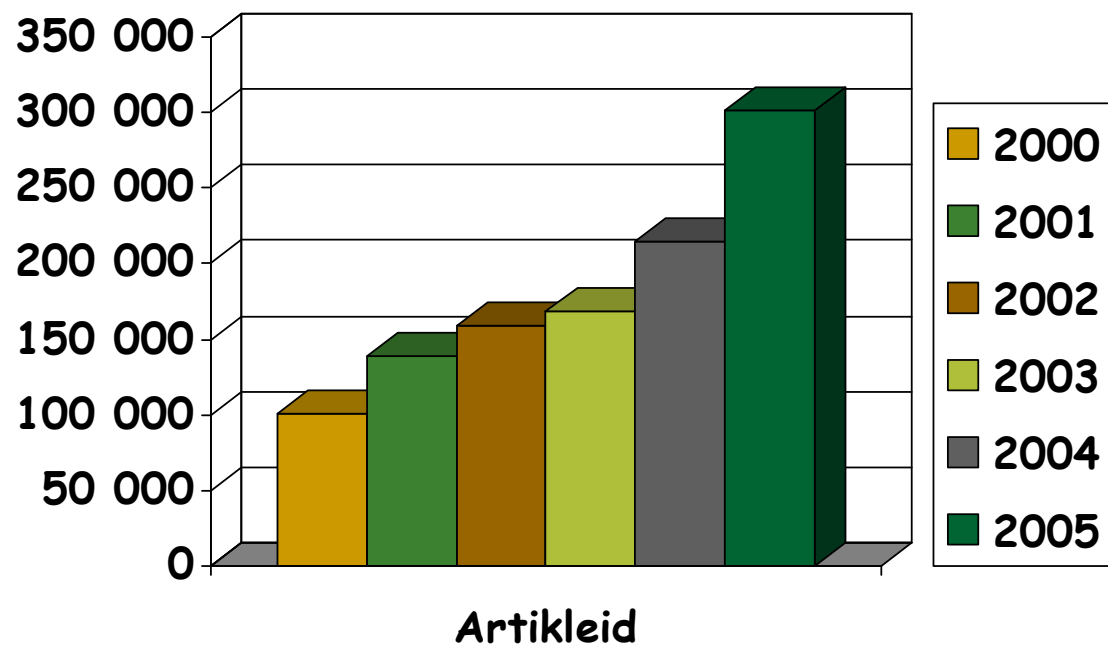
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# EBSCO andmebaaside riigilitsents

■ Academic Search Premier	■ Journals	<b>6734</b>
■ Business Source Premier	■ Country Reports	1415
■ Health Source: Nursing/Academic	■ Health Reports	156
■ MEDLINE ERIC	■ Newspapers	327
■ Newspaper Source	■ Reference Books	792
■ MasterFile Premier	■ Company Profiles	10400
■ LISTA	■ Industry Reports	5031
■ Regional Business News	■ Market Research Reports	426
	■ Photos, Maps	202164

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# EBSCO andmebaaside kasutus



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## EBSCO kasutus (artiklid) 2002 2005

Avalik-õiguslikud ülikoolid: 73,3% 74%

Eraülikoolid 10,4 % 10%

Rakenduslikud kõrgkoolid 2,2% 9%

Rahvusraamatukogu 6% 3,5%

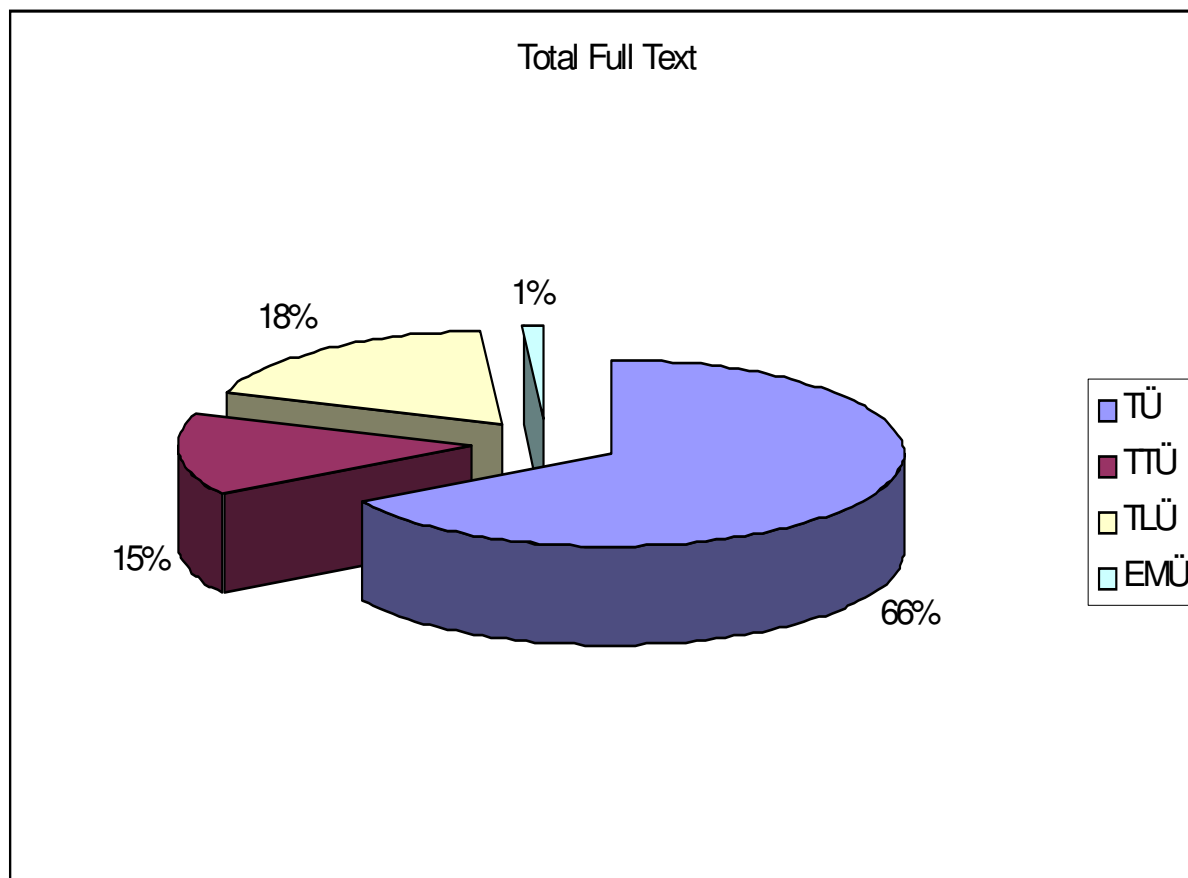
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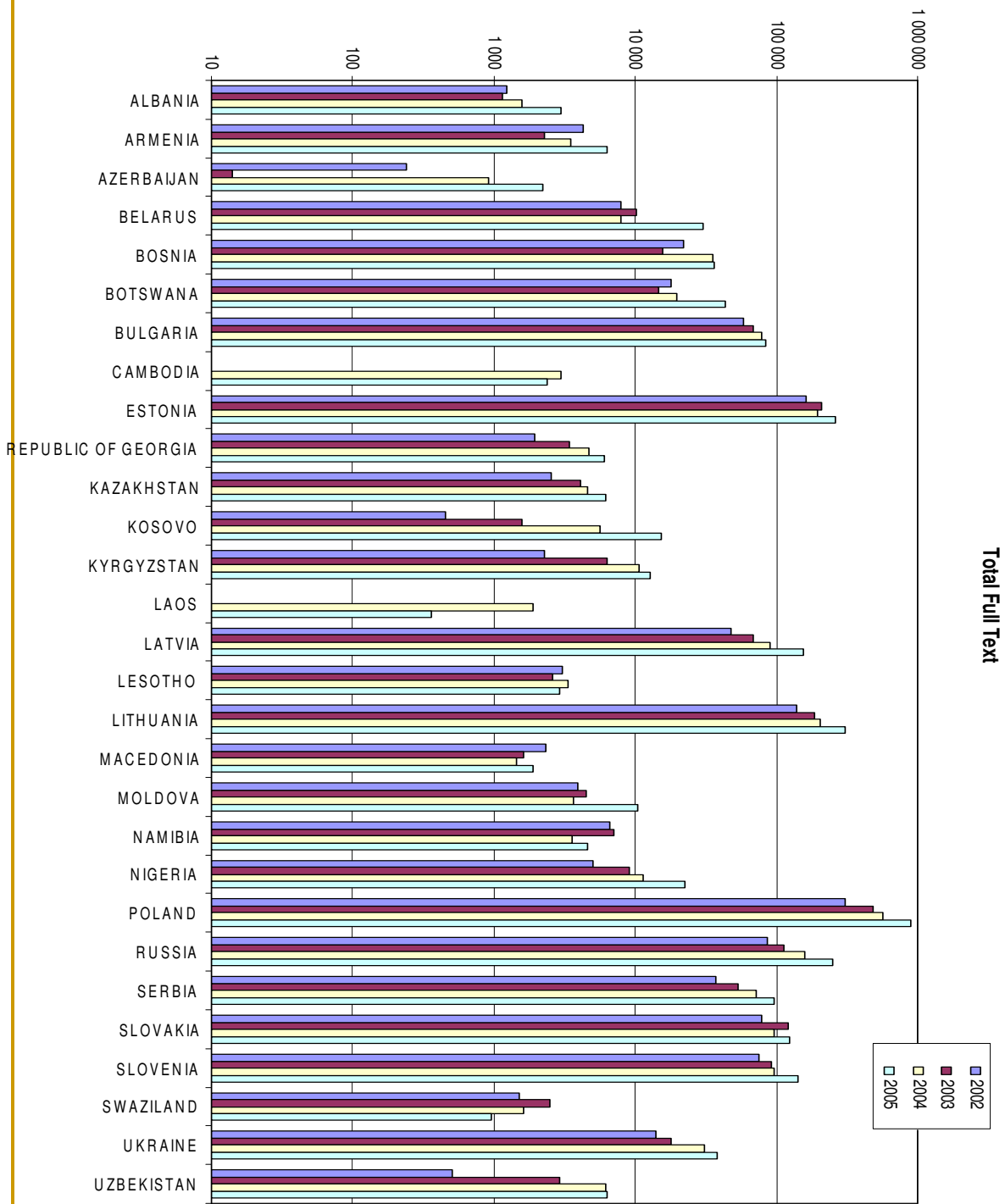
Riigiasutused, ministeeriumid 2,5% 1,5%

Rahvaraamatukogud 1% 1%

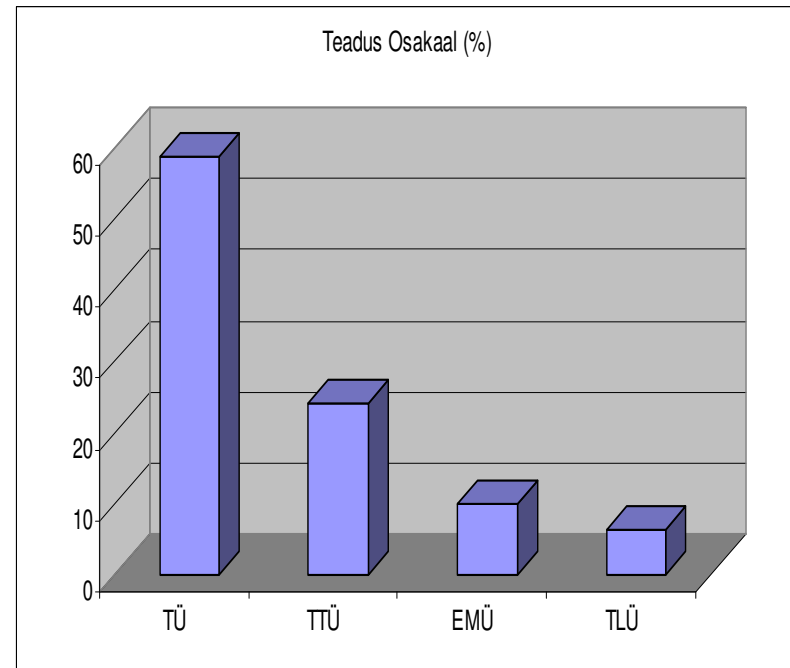
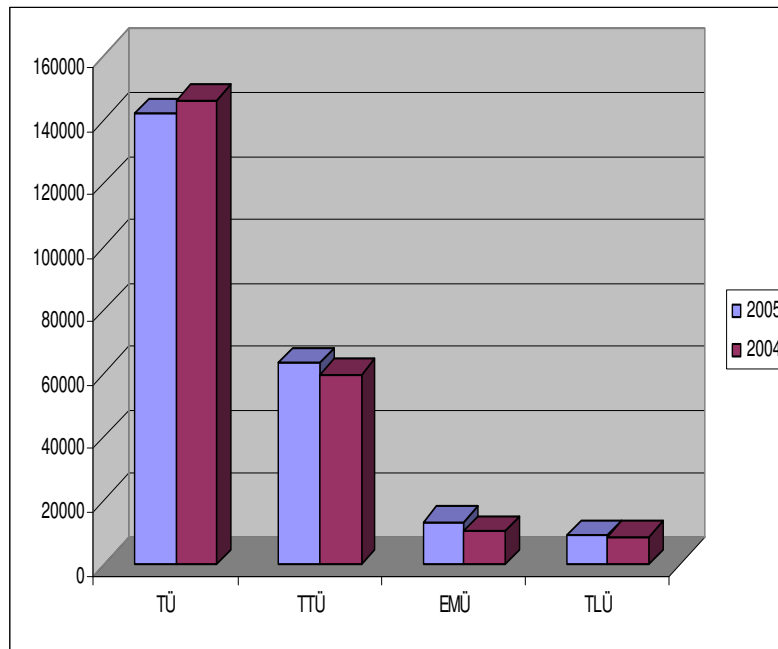
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# EBSCO artikleid 2005

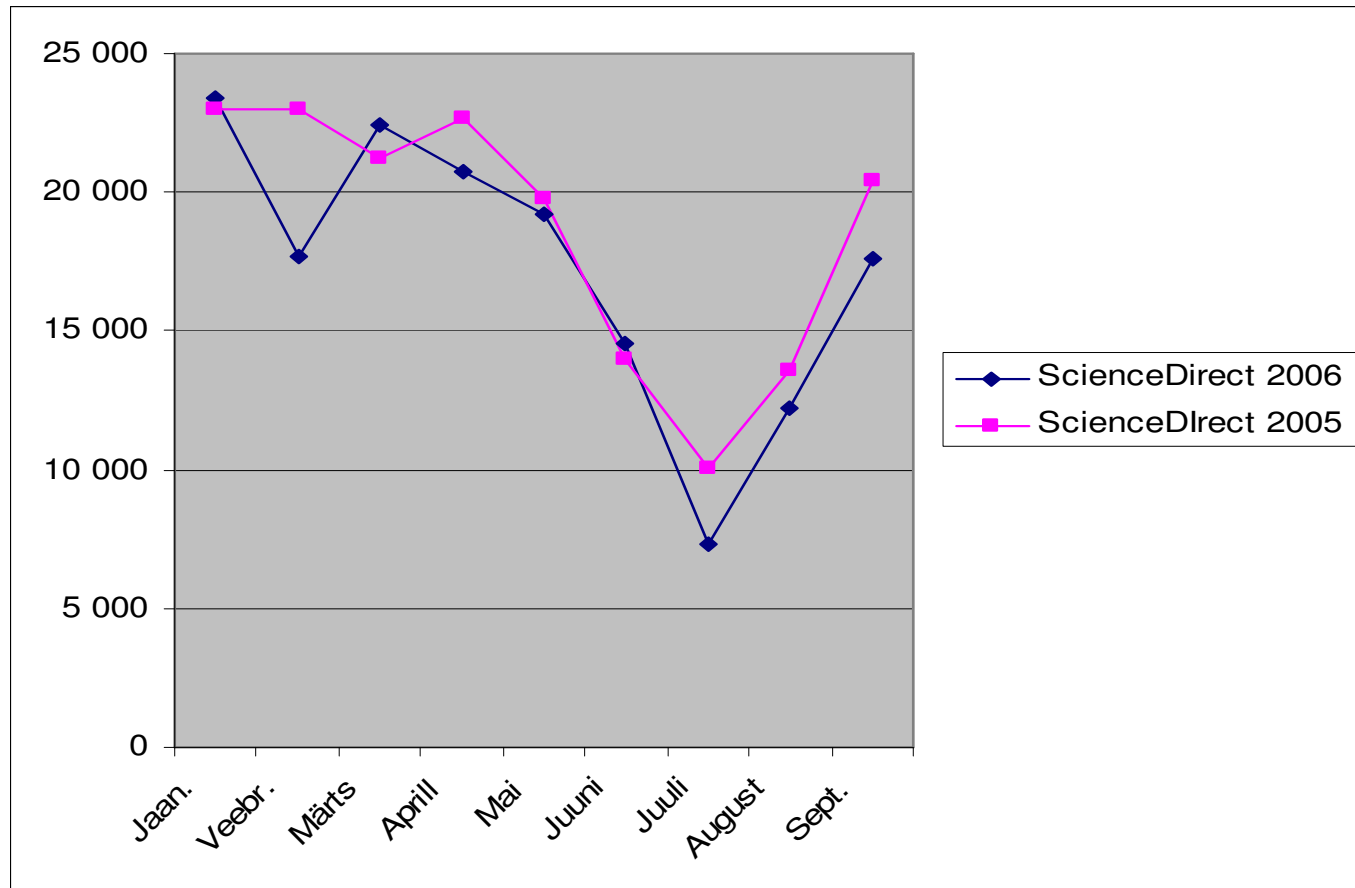




# ScienceDirect (2004-2005)



# ScienceDirect 2005 / 2006





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## Artikli hind kroonides

- EBSCO 3
- Blackwell Synergy 17,34
- ScienceDirect 37
- American Physical Society 37,8
- Cambridge University Press 37,3
- American Psychol. Association 35,5

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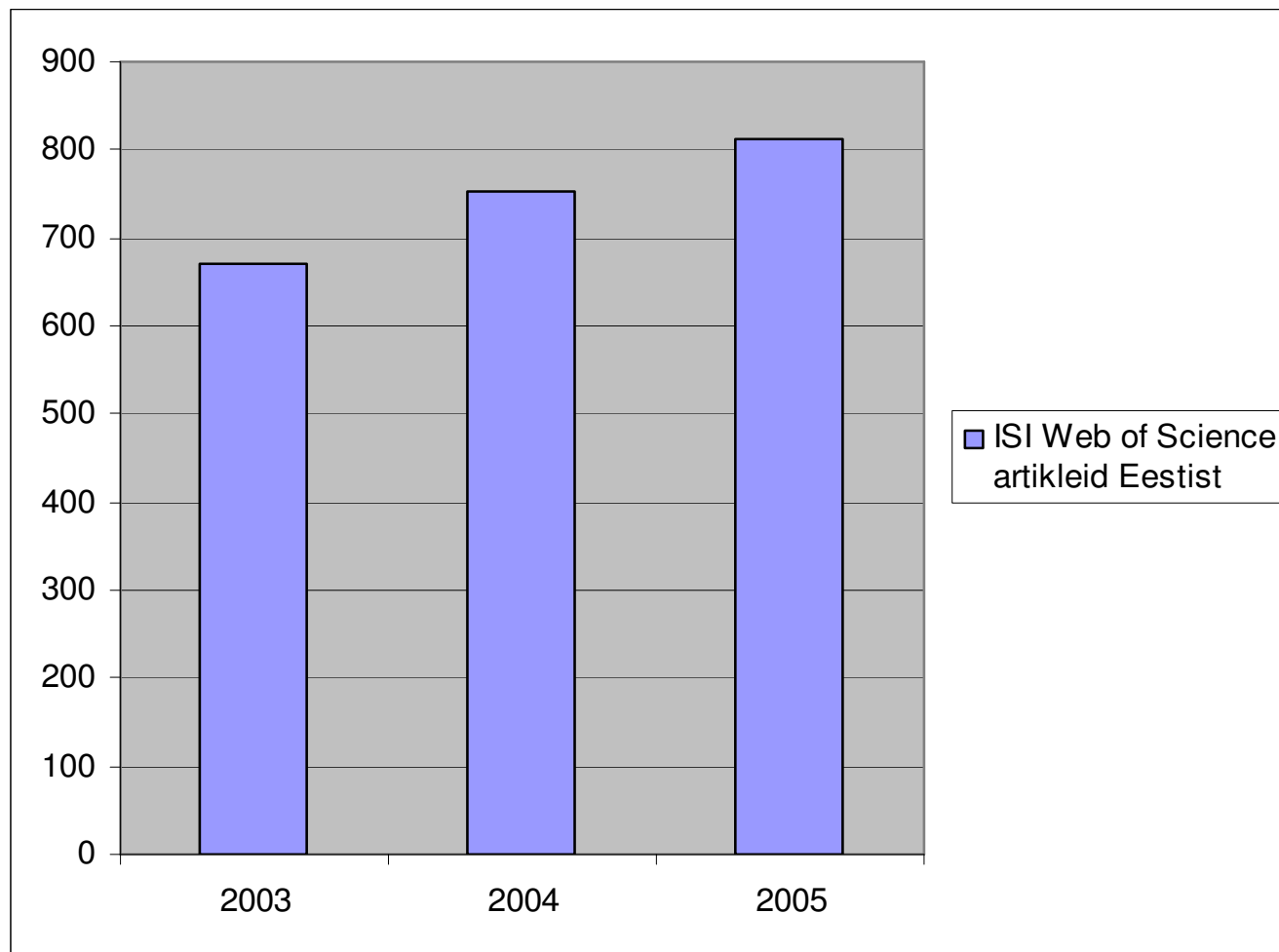
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## Otsing referaatandmebaasis (kroonides)

- PsycInfo 9,5
  - ISI WOS 20
  - SciFinder Scholar 41,3
  - Inspec 48
-

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... , S Schulze-Kremer, J Stewart, R Taylor, J Vilo, M ... - Nat Genet, 2001 - microarray.be  
... Sarkans 1 , Steffen Schulze-Kremer 14 , Jason Stewart 15 , Ronald Taylor 16 , Jaak Vilo 1 & Martin Vingron 17 Microarray analysis ...  
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A Brazma, J Vilo - FEBS Lett, 2000 - med.nyu.edu  
Abstract Microarrays are one of the latest breakthroughs in experimental molecular biology, which allow monitoring of gene expression for tens of ...  
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[Predicting Gene Regulatory Elements in Silico on a Genomic Scale - SFX@Tartu Univ: Full Text - group of 16 »](#)  
A Brazma, I Jonassen, J Vilo, E Ukkonen - 1998 - genome.org  
We performed a systematic analysis of gene upstream regions in the yeast genome for occurrences of regular expression-type patterns with the goal of ...  
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[ArrayExpress—a public repository for microarray gene expression data at the EBI - SFX@Tartu Univ: Full Text - group of 12 »](#)  
... , M Shojatalab, J Vilo, N Abeygunawardena, E ... - Nucleic Acids Research, 2003 - nar.oupjournals.org  
ArrayExpress is a new public database of microarray gene expression data at the EBI, which is a generic gene expression database designed to hold data from ...  
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[Protein interaction verification and functional annotation by integrated analysis of genome-scale ... - SFX@Tartu Univ: Full Text - group of 6 »](#)  
P Kemmeren, NL van Berkum, J Vilo, T Bijma, R ... - Mol. Cell, 2002 - molecule.org  
Assays capable of determining the properties of thousands of genes in parallel

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**Source:** Nature genetics [1061-4036] Brazma yr:2001 vol:29 iss:4 pg:365 -71

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## COMMENTARY

Nature Genetics 29, 365 - 371 (2001)  
doi:10.1038/ng1201-365

### Minimum information about a microarray experiment (MIAME)—toward standards for microarray data

Alvis Brazma<sup>1</sup>, Pascal Hingamp<sup>2</sup>, John Quackenbush<sup>3</sup>, Gavin Sherlock<sup>4</sup>, Paul Spellman<sup>5</sup>, Chris Stoeckert<sup>6</sup>, John Aach<sup>7</sup>, Wilhelm Ansorge<sup>8</sup>, Catherine A. Ball<sup>4</sup>, Helen C. Causton<sup>9</sup>, Terry Gaasterland<sup>10</sup>, Patrick Glenisson<sup>11</sup>, Frank C.P. Holstege<sup>12</sup>, Irene F. Kim<sup>4</sup>, Victor Markowitz<sup>13</sup>, John C. Matise<sup>4</sup>, Helen Parkinson<sup>1</sup>, Alan Robinson<sup>1</sup>, Ugis Sarkans<sup>1</sup>, Steffen Schulze-Kremer<sup>14</sup>, Jason Stewart<sup>15</sup>, Ronald Taylor<sup>16</sup>, Jaak Vilo<sup>1</sup> & Martin Vingron<sup>17</sup>

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- <sup>12</sup> University Medical Center, Utrecht, Netherlands.
- <sup>13</sup> GeneLogic Inc, Gaithersburg, Maryland, USA.
- <sup>14</sup> RZDP German Genome Resource Center, Berlin, Germany.
- <sup>15</sup> ...
- <sup>16</sup> ...
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**ABSTRACT**

◀ Previous | Next ▶

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# Minimum information about a microarray experiment (MIAME)—toward standards for microarray data

Alvis Brazma<sup>1</sup>, Pascal Hingamp<sup>2</sup>, John Quackenbush<sup>3</sup>, Gavin Sherlock<sup>4</sup>, Paul Spellman<sup>5</sup>, Chris Stoeckert<sup>6</sup>, John Aach<sup>7</sup>, Wilhelm Ansorge<sup>8</sup>, Catherine A. Ball<sup>4</sup>, Helen C. Causton<sup>9</sup>, Terry Gaasterland<sup>10</sup>, Patrick Glenisson<sup>11</sup>, Frank C.P. Holstege<sup>12</sup>, Irene F. Kim<sup>4</sup>, Victor Markowitz<sup>13</sup>, John C. Matese<sup>4</sup>, Helen Parkinson<sup>1</sup>, Alan Robinson<sup>1</sup>, Ugis Sarkans<sup>1</sup>, Steffen Schulze-Kremer<sup>14</sup>, Jason Stewart<sup>15</sup>, Ronald Taylor<sup>16</sup>, Jaak Vilo<sup>1</sup> & Martin Vingron<sup>17</sup>

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Microarray analysis has become a widely used tool for the generation of gene expression data on a genomic scale. Although many significant results have been derived from microarray studies, one limitation has been the lack of standards for presenting and exchanging such data. Here we present a proposal, the Minimum Information About a Microarray Experiment (MIAME), that describes the minimum information required to ensure that microarray data can be easily interpreted and that results derived from its analysis can be independently verified. The ultimate goal of this work is to establish a standard for recording and reporting microarray-based gene expression data, which will in turn facilitate the establishment of databases and public repositories and enable the development of data analysis tools. With respect to MIAME, we concentrate on defining the content and structure of the necessary

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