



МЕТОДОЛОГИЈА НА НАУЧНОИСТРАЖУВАЧКАТА РАБОТА

ПРЕБАРУВАЧИ

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Постдипломски студии, 2014/15



ПРОБЛЕМИ И РЕШЕНИЈА



ПРОБЛЕМИ (1)

- **Ооооогромен** број документи и списанија
- во ***Chemical Abstracts*** повеќе од 23 милиони апстракти; повеќе од 22 милиони органски и неоргански супстанции



ПРОБЛЕМИ (2)

- Бројот на списанија е се поголем
- цените им се се повисоки

Тренд ⇒ **отворен пристап!**

- <http://www.theguardian.com/science/2012/apr/24/harvard-university-journal-publishers-prices> (април 2012)
- <http://www.theguardian.com/science/2012/jun/19/open-access-academic-publishing-finch-report> (јуни 2012)
- <http://www.theguardian.com/science/blog/2012/jul/17/open-access-scientific-research> (јули 2012)



ПРОБЛЕМИ (3)

- Но, никој не може да „свари“ толку документи
- до сите нив не може ниту да се дојде
- ни една (?) библиотека не може да ги поседува сите списанија
-



РЕШЕНИЈА (1)

- Систем на научни (и технолошки) информации:
 - ❖ институции
 - ❖ мрежа
 - ❖ информациски стручњаци
 - ❖ информациски услуги
 - ❖ **систем за одржување и плаќање на услугите**



РЕШЕНИЈА (2)

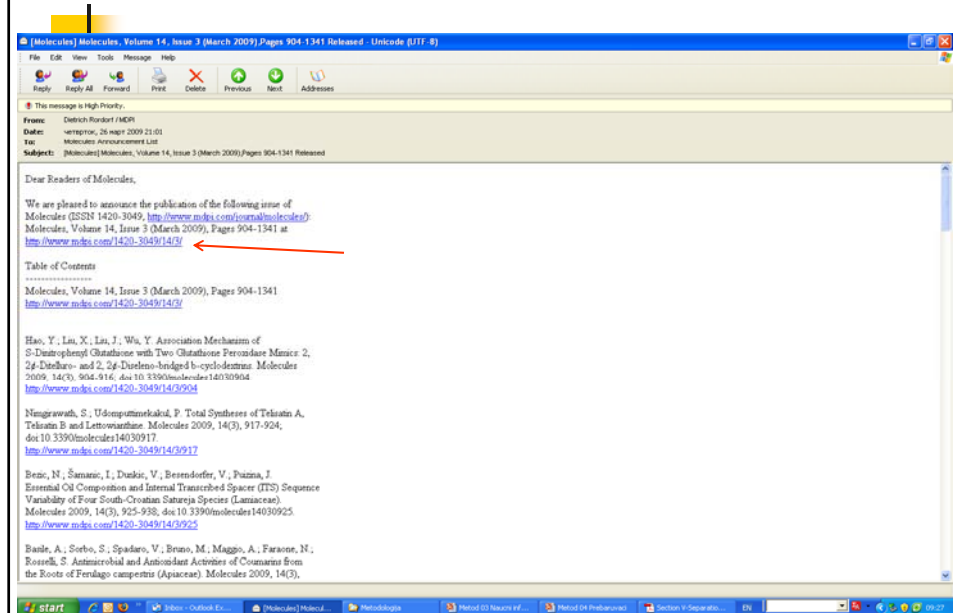
- Секундарни публикации
веќе зборувано!
- Бази, пребарувачи – интернет!!!
ДЕНЕС = ИНДИВИДУАЛНА АКТИВНОСТ!



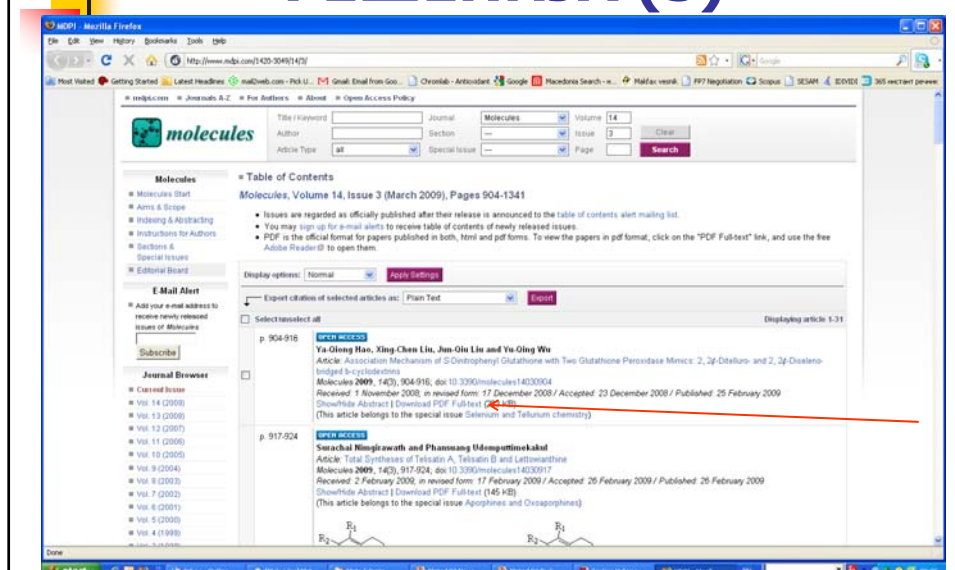
РЕШЕНИЈА (3)

- „Претплата“ на содржините на новоизлезените списанија:
се доставуваат по електронска пошта, “free”,
за едно или за повеќе списанија
- барање на содржините на web-
страниците на списанијата
потребен е пребарувач/и

РЕШЕНИЈА (4)

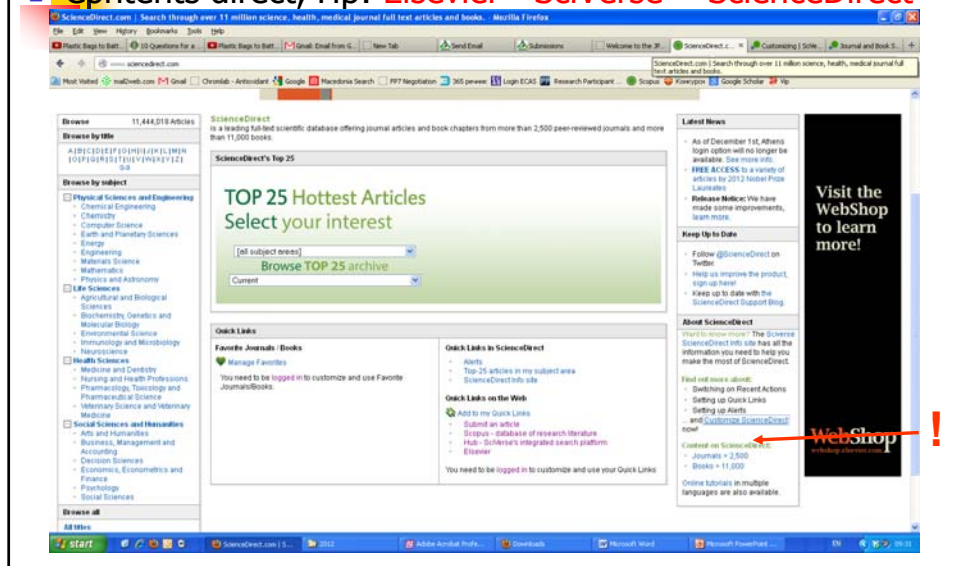


РЕШЕНИЈА (5)



РЕШЕНИЈА (6)

- Contents direct, Пp: Elsevier - SciVerse - ScienceDirect



РЕШЕНИЈА (7)

- Elsevier (и другите издавачи, слично)
- <http://www.sciencedirect.com/>
- [Customize ScienceDirect:](http://www.info.sciverse.com/sciencedirect/using/Make-ScienceDirect-yours)
<http://www.info.sciverse.com/sciencedirect/using/Make-ScienceDirect-yours>
- **Search Alerts:** receive an email alert when a stored search retrieves new results.
- **Journal and Book Series alerts:** A Journal and Book Series alert notifies you by email when a new volume of a book or a new issue of a journal becomes available on ScienceDirect.
- **Topic Alerts:** receive an email alert when new articles matching a chosen topic are available.

РЕШЕНИЈА (8)

- Интернет прегледувачи (browsers)
 - ❖ пребарувачи од општ тип
 - **Google**
 - Yahoo
 - AltaVista
 - ...
 - ❖ специјализирани прегледувачи
- ќе зборуваме подробно

ОПШТИ ПРЕГЛЕДУВАЧИ(1)

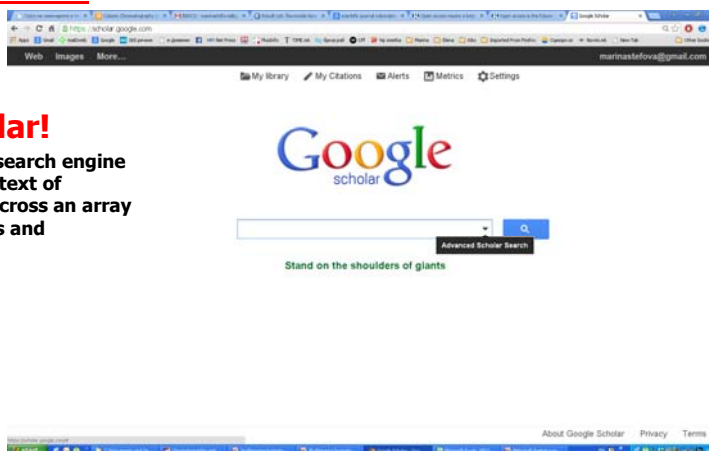
- www.google.com

- бесплатно

- ПОСТОИ И

Google Scholar!

= freely accessible web search engine that indexes the full text of scholarly literature across an array of publishing formats and disciplines.



ОПШТИ ПРЕГЛЕДУВАЧИ (2)

The screenshot shows a Google Scholar search results page for the query "Stefova polyphenols". The search bar at the top displays the query and the number of results (About 274 results). The left sidebar contains filters for "Any time", "Since 2015", "Since 2014", and "Since 2011". The main results list includes several articles, each with a title, author, journal, year, and a PDF link. The articles are:

- Determination of the polyphenol contents in Macedonian grapes and wines by standardized spectrophotometric methods** by J. Jankova, M. Stefova, I. Chiriac, et al. (2010). [PDF from nb.rs](#)
- Polyphenolic content of Vranec wines produced by different vinification conditions** by J. Jankova, I. Mijak, B. Vignoli, T. Jankova, M. Stefova, et al. (2011). [PDF from ugd.edu.mk](#)
- Effect of winemaking treatment and wine aging on phenolic content in Vranec wines** by J. Jankova, B. Vignoli, M. Stefova, et al. (2012). [PDF from nih.gov](#)
- Identification of polyphenolic compounds in red and white grape varieties grown in R. Macedonia and changes of their content during ripening** by J. Jankova, M. Stefova, B. Vignoli, A. Domye, et al. (2011). [PDF from ugd.edu.mk](#)
- Comparison of different extraction solvent mixtures for characterization of phenolic compounds in strawberries** by J. Petruska, M. Stefova, et al. (2011). [PDF from ugd.edu.mk](#)

ОПШТИ ПРЕГЛЕДУВАЧИ (3)

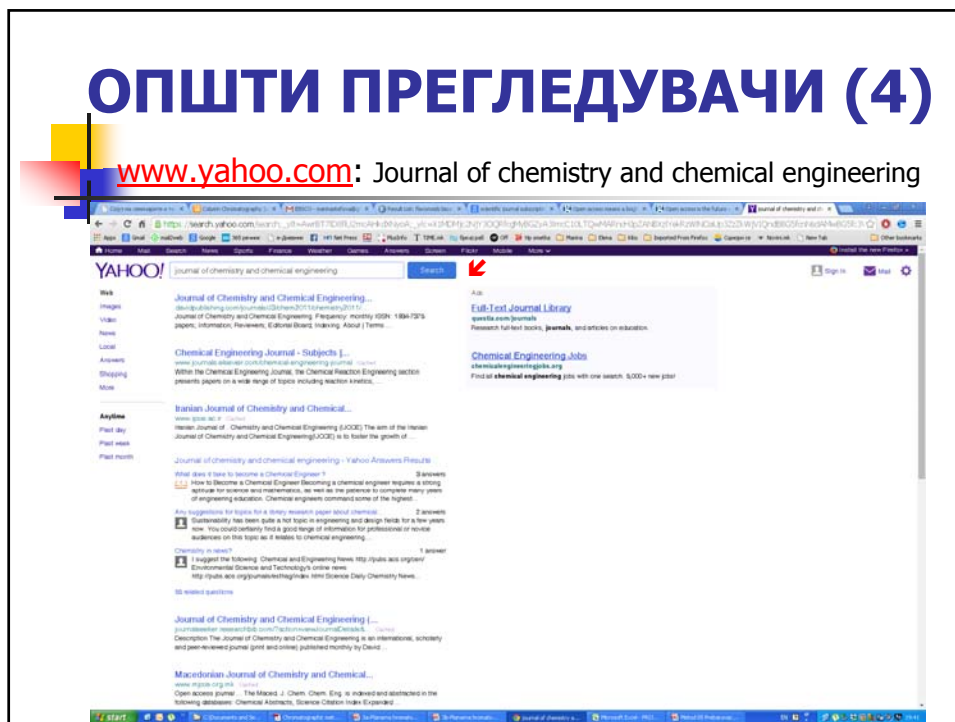
www.yahoo.com

The screenshot shows a Yahoo! search results page for the query "cocoa flavonoids". The search bar at the top displays the query and the number of results (About 1,000 results). The left sidebar contains filters for "Web", "Images", "Videos", "News", "Local", "Answers", "Shopping", and "More". The main results list includes several articles, each with a title, author, website, and a brief description. The articles are:

- Estet-C Supplements - Save 50 - 75% sitewide** by [Estet-C Supplements](#). [PDF from nb.rs](#)
- Health benefits of cocoa flavonoids (EUFIC)** by [EUFIC](#). [PDF from nb.rs](#)
- Flavonoid - Wikipedia, the free encyclopedia** by [Wikipedia](#). [PDF from nb.rs](#)
- Cocoa, Even With Few Flavonoids, Boosts Cognition** by [MedicineNet](#). [PDF from nb.rs](#)
- Cocoa powder, the cheap antioxidant - Essential** by [Essential](#). [PDF from nb.rs](#)

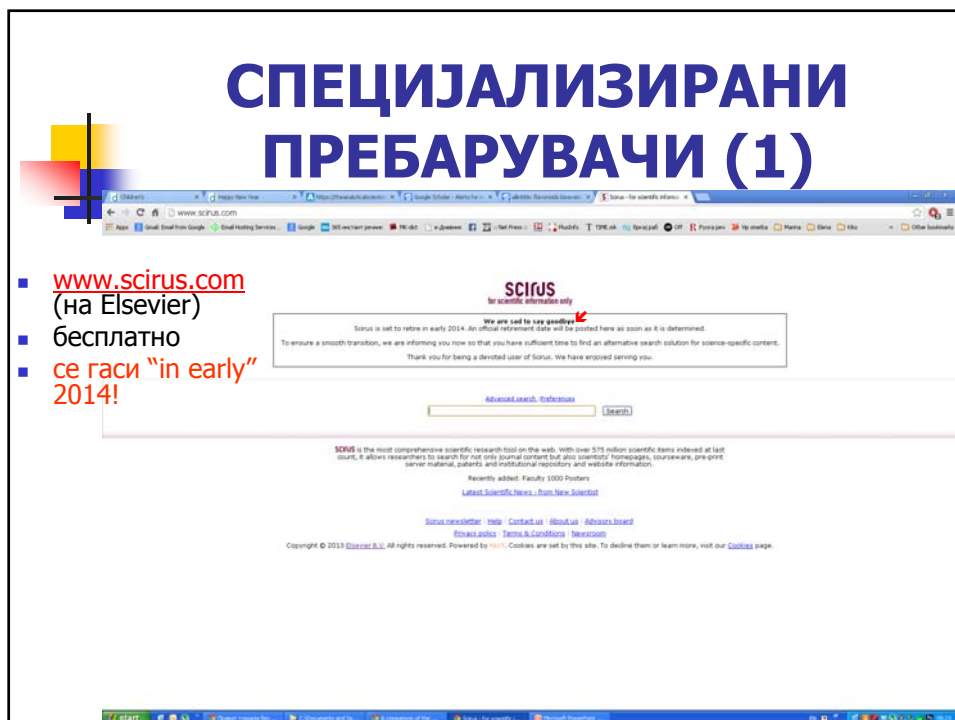
ОПШТИ ПРЕГЛЕДУВАЧИ (4)

www.yahoo.com: Journal of chemistry and chemical engineering



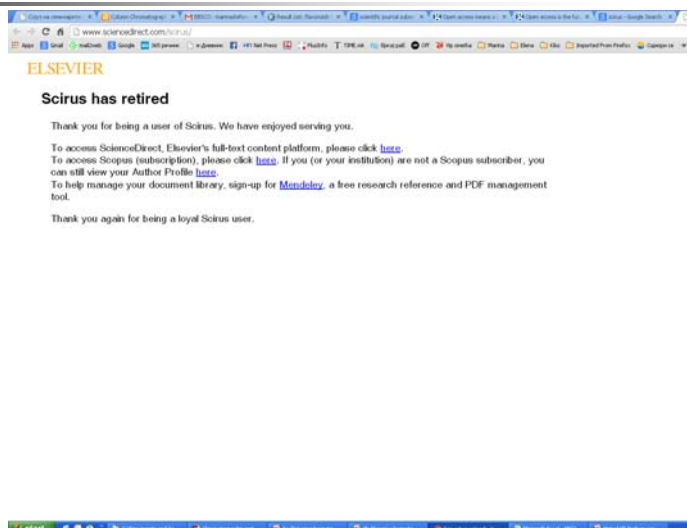
СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (1)

- www.scirus.com
(на Elsevier)
- бесплатно
- се гаси "in early" 2014!



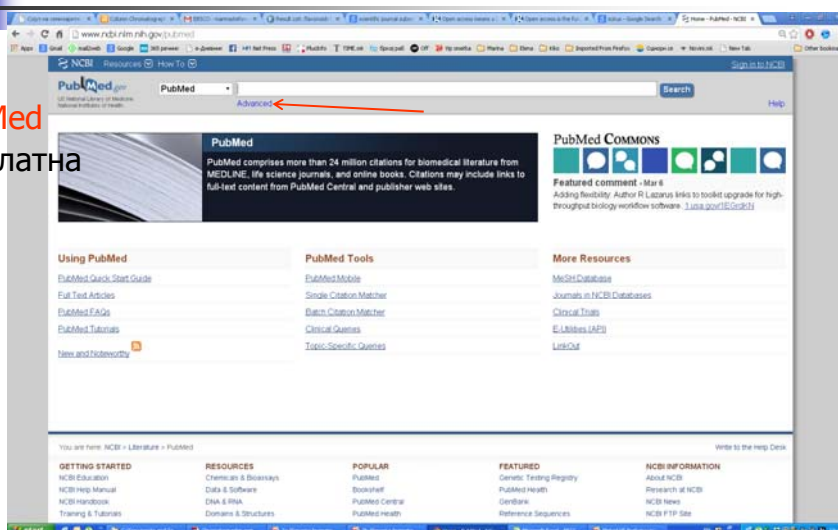
СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (1)

- www.scirus.com
(на Elsevier)
- бесплатно
- се гаси "in early"
2014!

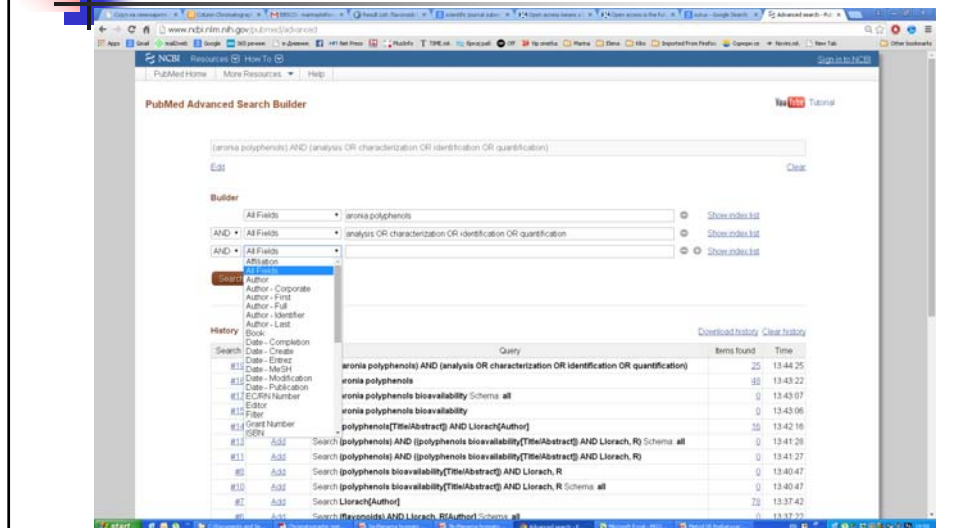


СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (2)

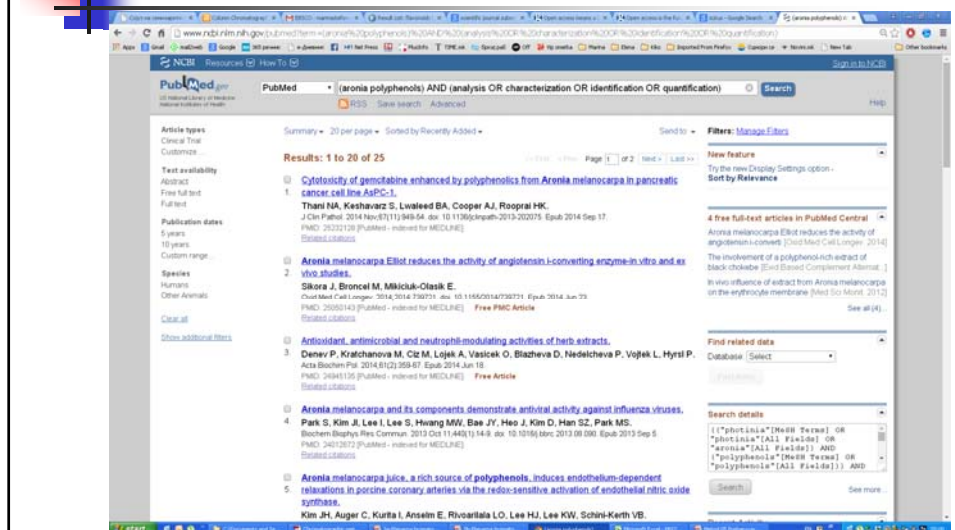
- PubMed
- бесплатна



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (3)



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (4)



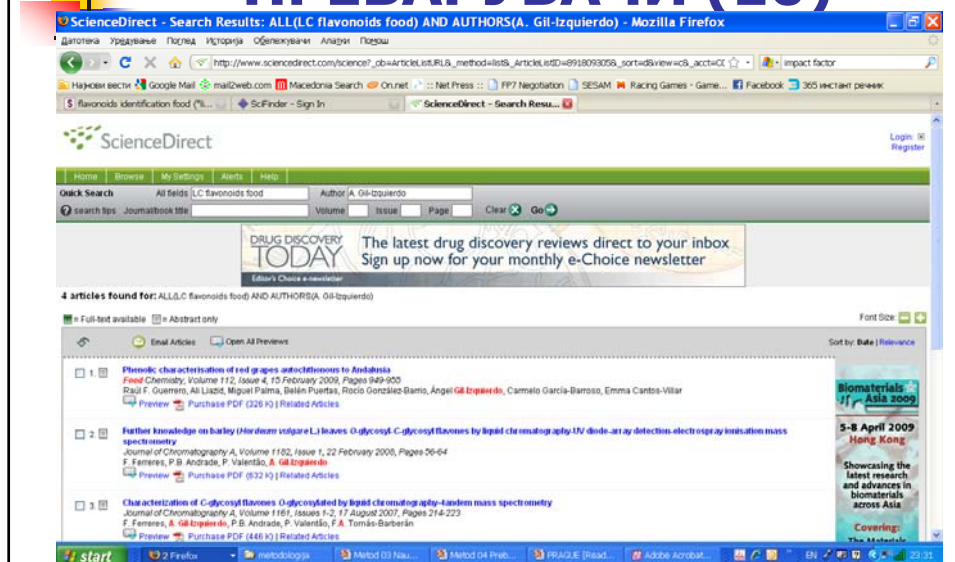
СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (5)



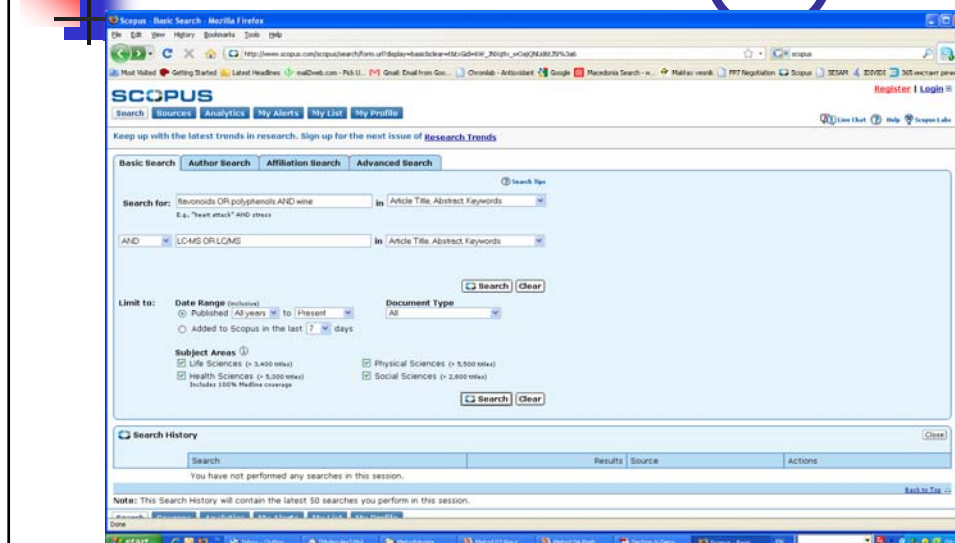
СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (9)

- www.sciencedirect.com
- бесплатно до апстракти!
- за цели трудови се плаќа!
- www.scopus.com
- се плаќа! Но, има **В**ме 😞
- национален пристап, МОН
- бесплатно до апстракти!
- вежбање! било каде на ИХ! **Порано** 😞

СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (10)



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (11)



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (12)

Scopus Results: (TITLE-ABS-KEY(Ravonoids OR polyphenols AND wine)) AND TITLE-ABS-KEY(lc-ms OR lc/ms))

Quick Search: Go

Scopus: 27 Patents (126)

Your query: (TITLE-ABS-KEY(Ravonoids OR polyphenols AND wine)) AND TITLE-ABS-KEY(lc-ms OR lc/ms))

Refine Results

Source Title	Author Name	Year	Document Type	Subject Area
☐ Journal of Agricultural and Food Chemistry (3)	☐ River-Gonzalez, J.C. (2)	☐ 2009 (1)	☐ Article (25)	☐ Chemistry (14)
☐ Food Research International (2)	☐ Ramirez-Bautista, C. (2)	☐ 2008 (3)	☐ Conference Paper (2)	☐ Agricultural and Biological Sciences (14)
☐ Talanta (1)	☐ Mikits, M. (2)	☐ 2007 (4)		☐ Biochemistry, Genetics and Molecular Biology (5)

Results: 27

Search within results: Go

1 to 20 (Next)

1. In-vitro sulfation of piceatannol by human liver cytosol and recombinant sulfotransferases
Mikits, M., Sulys, M., Schubmacher, B., Szekeres, T., Jäger, W. 2009 Journal of Pharmacy and Pharmacology 61 (2), pp. 185-191
2. Comparison of two stationary phases for the separation of five selected polyphenols
Rodríguez-Bernardo de Cuadros, A., López-Vuisty, M.A., López-Hernández, J. 2008 Talanta 77 (1), pp. 98-102
3. Identification of cabernet sauvignon anthocyanin gut microflora metabolites
Forester, S.C., Waterhouse, A.L. 2008 Journal of Agricultural and Food Chemistry 56 (19), pp. 9299-9304
4. Kaempferol, but not resveratrol inhibits angiotensin converting enzyme
Olszanecski, S., Bugaj-Gozycia, B., Madej, J., Suski, M., Włodow, P.P., Janicki, J., Korbut, B. 2008 Journal of Physiology and Pharmacology 59 (2), pp. 387-392
5. Folate in beer
Owens, J.E., Clifford, A.J., Bamforth, C.W. 2007 Journal of the Institute of Brewing 113 (3), pp. 243-248
6. Oxidation of caffeic acid in a wine-like medium: Production of dihydroxybenzaldehyde and its subsequent reactions with (+)-catechin
Lutter, M., Clark, A.G., Prender, P.D., Scollary, G.S. 2007 Food Chemistry 105 (3), pp. 968-975

СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (13)

Scopus Journal of Agricultural and Food Chemistry: Metabolism of antioxidant and chemopreventive ellagitannins from strawberries, raspberries, walnuts, and oak-aged wine in humans: Identification of biomarkers.

Quick Search: Go

Journal of Agricultural and Food Chemistry

Volume 53, Issue 2, 26 January 2005, Pages 227-235

DOI: 10.1021/jf041444g

Document Type: Article

View at Publisher

Metabolism of antioxidant and chemopreventive ellagitannins from strawberries, raspberries, walnuts, and oak-aged wine in humans: Identification of biomarkers and individual variability

Cerdá, B., Tomás-Barberán, F.A., Espín, J.C.

Rev. Sci. Tech., Int. J. Food Sci. Technol., CITA-CCIC, P.O. Box 164, Murcia, Spain

ABSTRACT

Ellagitannins (ETs) are dietary polyphenols, containing ellagic acid (EA) subunits, with antioxidant and cancer chemopreventive activities that might contribute to health benefits in humans. However, little is known about their metabolic fate. We investigate here the metabolism of different dietary ETs and EA derivatives in humans. Forty healthy volunteers were distributed in four groups. Each group consumed, in a single dose, a different ET-containing foodstuff, i.e., strawberries (250 g), red raspberries (225 g), walnuts (35 g), and oak-aged red wine (300 mL). After the intake, five urine fractions (F1-F5) were collected at 0 (F1), 16 (F2), 32 (F3), 48 (F4), and 56 (F5) h. Neither ETs nor EA were detected in urine after LC-MS/MS analysis. However, the microbial metabolite 3,8-dihydroxy-9H-xanthone (3,8-dihydroxy-xanthone) was detected along the fractions F3-F5 in all of the subjects, independently of the consumed foodstuff. The mean percentage of metabolite excretion ranged from 2.8 (strawberries) to 16.6% (walnuts) regarding the ingested ETs. Considerable interindividual differences were noted, identifying 'high and low metabolite excretors' in each group, which supported the involvement of the colonic microflora in ET metabolism. These results indicate that urolithin B (a previously described antiangiogenic and hyaluronidase inhibitor compound) is a biomarker of human exposure to dietary ETs and may be useful in intervention studies with ET-containing products. The antioxidant and anticarcinogenic effects of dietary ETs and EA should be considered in the gastrointestinal tract whereas the study of potential systemic activities should be focused on the bioavailable urolithin B derivatives.

Information from the Beilstein Database

View Compounds

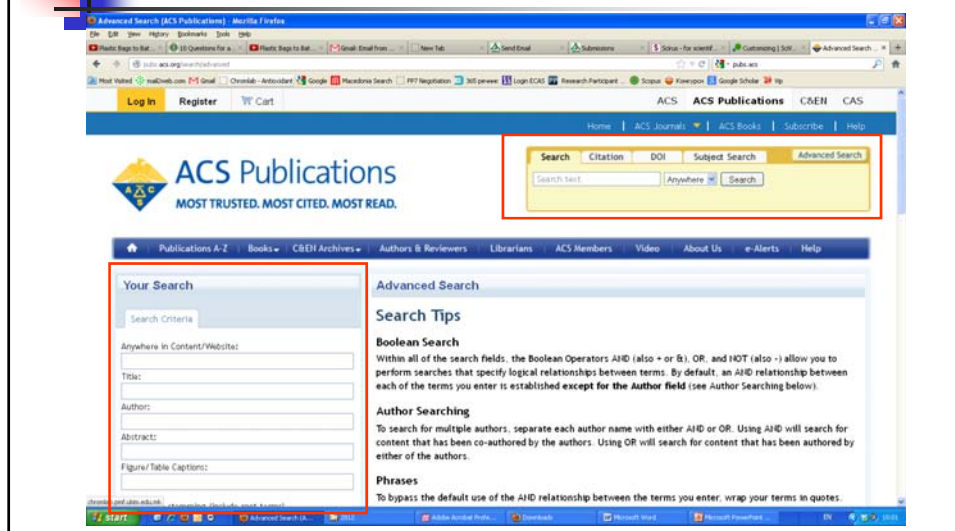
Cited By since 1996

This article has been cited 36 times in Scopus (Showing the 2 most recent)

- Cifra, A., González-Sánchez, A., Tomás-Barberán, F.A., Availability of polyphenols in fruit beverages subjected to in vitro gastrointestinal digestion and their effects on proliferation, cell-cycle and apoptosis in human colon cancer Caco-2 cells (2009) Food Chemistry (Abstract - Refs)
- Bazzocco, S., Mattila, J., Factors affecting the conversion of apple polyphenols to phenolic acids and fruit matrix to short-chain fatty acids by human faecal microbiota in vitro (2008) European Journal of Nutrition

СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (14)

<http://pubs.acs.org>



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (15)

ДРУГИ (со претплата)

- **ISI Web of Knowledge** (THOMSON REUTERS)
<http://www.isiwebknowledge.com/>
- **SciFinder, SciFinder Scholar** (CAS)
<http://www.cas.org/products/scifindr/index.html>
- ...
- барем до апстракти, може и до трудови!



СПЕЦИЈАЛИЗИРАНИ ПРЕБАРУВАЧИ (15)

ДРУГИ (со претплата)

- EBSCO
- <http://search.ebscohost.com>
- **ИМАМЕ ПРЕТПЛАТА 😊**



ОСВЕН ТОА...

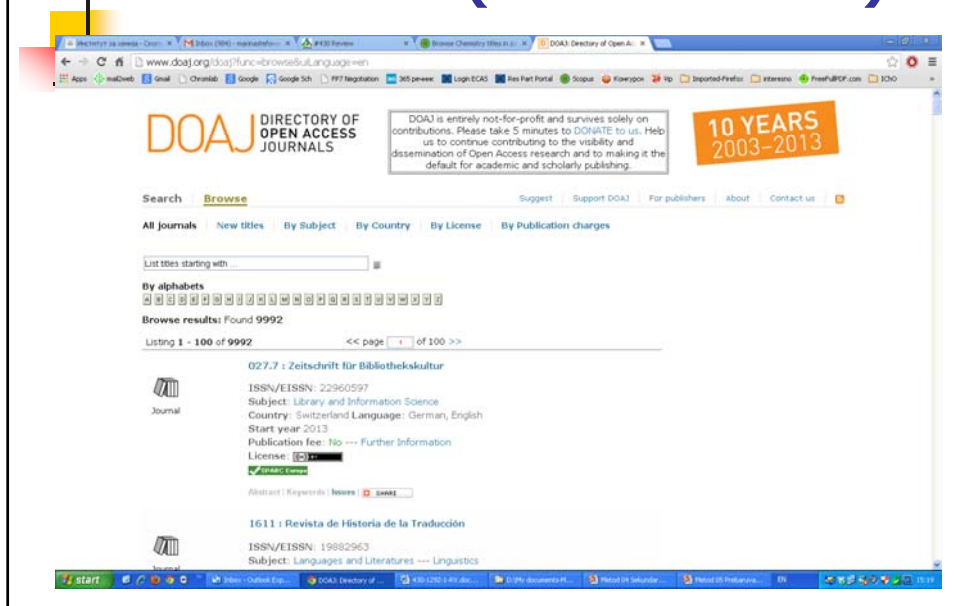
- Трудовите бргу застаруваат
- најважни се **скорешните** трудови
- ❖ поновите трудови полесно може да се најдат
- ❖ тие содржат цитати (со коментари) на претходни трудови, но сепак **добро е да се проучат и оригиналните, првите!**
- ❖ со пребарувачи – најмалку до **апстракти!**

СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)

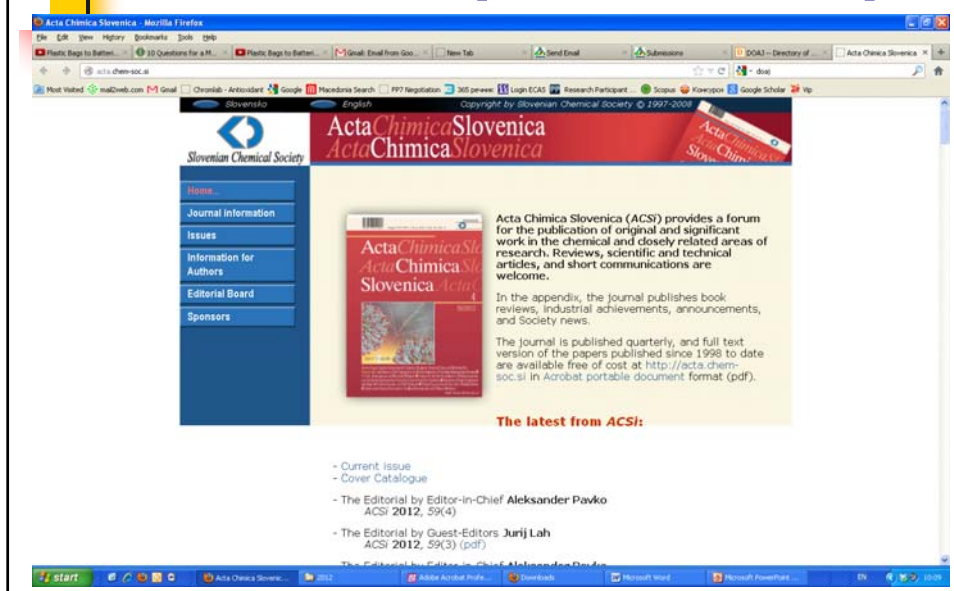
- www.doaj.org
- за списанија со отворен пристап
- бесплатно
- има и:
- Search journals
- Search articles
- Advanced search



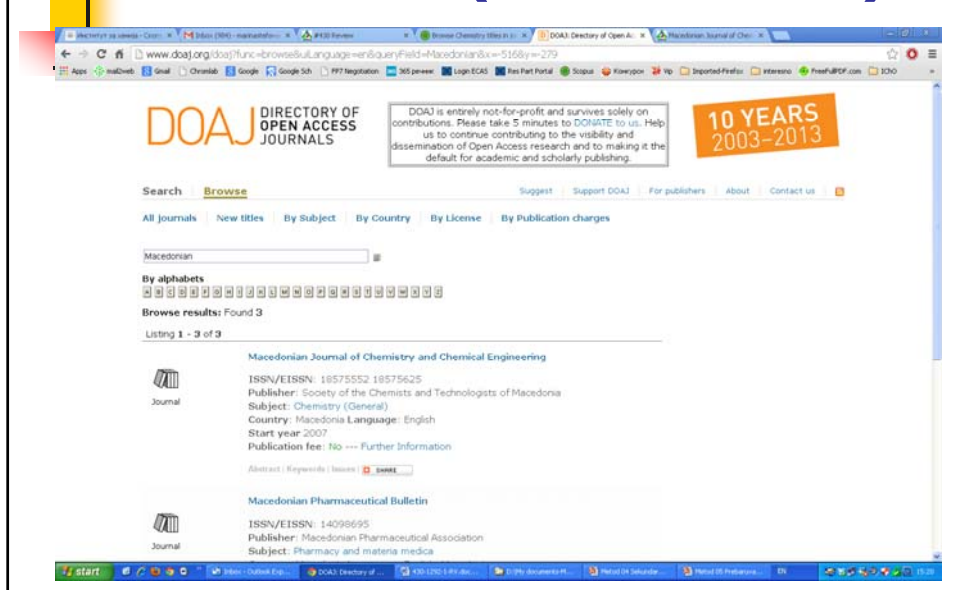
СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)



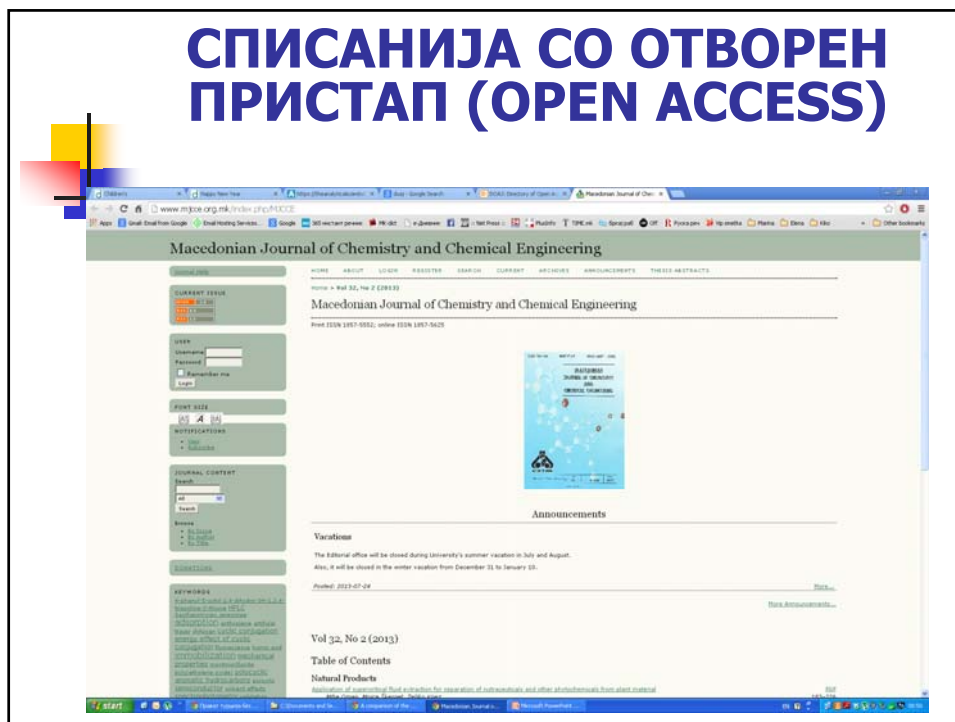
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СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)



СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)



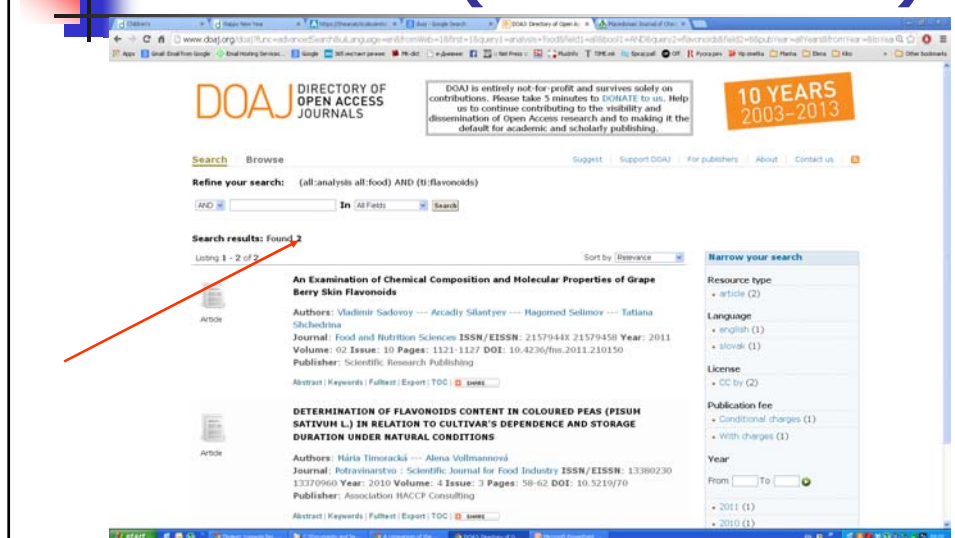
СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)

- www.doaj.org
- за списанија со отворен пристап
- бесплатно
- има и:
- Search journals
- Search articles
- Advanced search

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СПИСАНИЈА СО ОТВОРЕН ПРИСТАП (OPEN ACCESS)



НОВО: СПИСАНИЈА СО ПОЛУОТВОРЕН ПРИСТАП

