

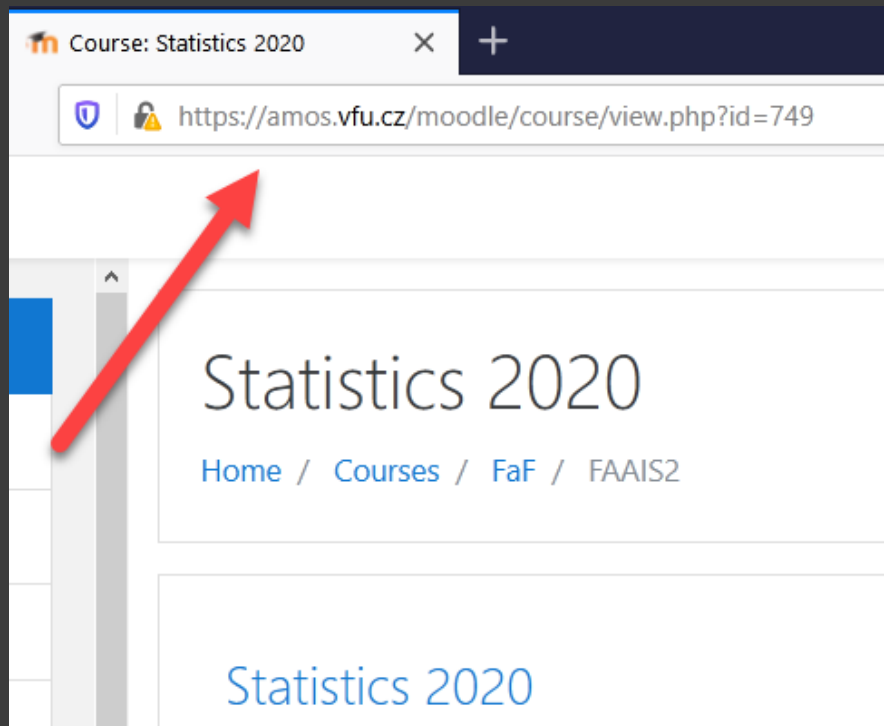


practical classes

INFORMATICS AND APPLIED STATISTICS

Jiří Pazourek

e-learning



e-learning (Moodle)

lessons

study
materials

homework

-  [table of presence STATISTICS](#) 
-  [on-line statistics SISA](#) 
-  [on-line statistics OSE](#) 
-  [Statistical tables with critical values](#) 
-  [Computers tutorial for beginners](#) 
-  [EZ proxy access from VFU \(Web of Science, Science Direct, SciFinder\)](#) 
-  [find information in scientific resources](#) 

1.

Internet information resources

SIS UVPS Brno > Electronic information sources

EIS

- Licensed sources
- Open access sources
- Information gates
- E-books

NEWS

14.08.2017
e-book Library

23-09-2016
Trial access to JoVE till 20.10.2016
JoVE (Journal of Visualized Experiments) is the world's first PubMed-indexed scientific video journal. Its mission is to advance scientific research and education by increasing productivity, reproducibility, and efficiency of knowledge transfer for scientists, educators, and students worldwide through visual learning solutions.

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- E-ZAK - Procurement
- ISKam - Dormitory system
- Moodle - E-learning
- OBD - Public
- Ezproxy - Entrance using computers outside the university faculty to electronic resources for students and staff
- SafeQ - Copying
- Help desk - TIC
- VEFIS - File sharing
- STAG web interface
- Publication of theses
- Library system
- Economic system
- E-mail portal - VUFU
- Office 365 - student
- Password Change
- eduroam CAT - VUFU
- IdP - VUFU Identity

• Students' Organization



EZ proxy server - CIT VFU Brno

...ualiz

Přihlašovací jméno a heslo je stejné jako např. do univerzitní pošty.


Přihlašovací jméno:

Heslo:

Při zadání hesla dbejte na správné nastavení klávesnice (jazyková verze, malá-velká písmena, prohození Z a Y).

Přihlásit

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Seznam databází:

- Metavýhledávač Naviga --
- Citační SW RefWorks --
- American Chemical Society
- BioOne
- CAB Abstracts
- ESPM
- EBSCO
- FSTA
- Knovel
- Royal Society of Chemistry Journals
- Science Direct
- SciFinder
- Scopus
- Springer Link
- Web of Knowledge
- Wiley InterScience
- Zoological Record

Access to electronic journals

ISI Web of KnowledgeSM

Web of Science **Additional Resources**

Search | Cited Reference Search | Structure Search | Advanced Search | Search History | Marked List (0)

Web of Science® – with Conference Proceedings

Search for:

Vohlidal J in Author
Example: O'Brian C OR OBrian C**
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AND Prague in Address
Example: Yale Univ SAME hosp (view abbreviations list)

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All Years (updated 2010-09-18)

From 1945-1954 to 2010 (default is all years)

Citation Databases:

- Science Citation Index Expanded (SCI-EXPANDED) --1945-present
- Social Sciences Citation Index (SSCI) --1977-present
- Arts & Humanities Citation Index (A&HCI) --1977-present
- NEW!** Conference Proceedings Citation Index- Science (CPCI-S) --1990-present

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Conclusion



◎ homework

Find references of scientific articles of

1. H. Chen, Y. Zuo, Identification of flavonol glycosides in American cranberry fruit, *Food Chemistry* 101 (2007) 1357–1364.
2. Y. Kawai, H. Kumagai, H. Kurihara, K. Yamazaki, R. Sawano, N. Inoue , β -Glucosidase inhibitory activities of phenylpropanoid glycosides, vanicoside A and B from *Polygonum sachalinense* rhizome, *Fitoterapia* 77 (2006) 456–459.
3. P. Fan, L. Terrier, A.-E. Hay, A. Marston, K. Hostettmann, Antioxidant and enzyme inhibition activities and chemical profiles of *Polygonum sachalinensis* F.Schmidt ex Maxim (Polygonaceae), *Fitoterapia* 81 (2010) 124-131.
4.

REVISION – electronic information resources

- ① Find at least 5 scientific articles according to a given key
- ① Find 1 article from European Journal of Pharmaceutical Sciences by an author from our faculty

Solution 1

ISI Web of KnowledgeSM

Web of Science **Additional Resources**

Search | Cited Reference Search | Structure Search | **Advanced Search** | Search History | Marked List

Web of Science® – with Conference Proceedings

Results AU=(PAZOUREK J) AND (AD=BRNO OR AD=BRUSSELS OR AD=LUND)
Timespan=1989-2010. Databases=SCI-EXPANDED, IC.

View Distinct Author Sets for PAZOUREK J
The Distinct Author Set feature is a discovery tool showing sets of papers likely written by the same person. (Tell me more.)

Results: **20** Page 1 of 1 Go

Solution 2

Search

European Journal of Pharmaceutical Sciences in Source Title

AND

Pharmaceutical Sciences Brno in Affiliation

Pharmaceut Sci Brno in Address
Example: Yale Univ SAME hosp ([view abbreviations list](#))

AND European Journal of Pharmaceutical Sciences in Publication Name
Example: Cancer OR Journal of Cancer Research and Clinical Oncology*

1. Title: [Measurement of pK\(a\) values of newly synthesized heteroaryl aminoethanols by CZE](#)
Author(s): Liskova A, Slampova A
Source: **EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES** Volume: 30 Issue: 5 Pages: 375-379 Published: APR 2007
Times Cited: 5
[Full Text](#)

Solution

AU=(PAZOUREK J) and (AD=BRNO OR AD=LUND OR AD=BRUSSELS)

Databases=SCI-EXPANDED, CCR-EXPANDED, IC

Timespan=1992-01-01 - 2013-02-19

Web of Science®

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Use Field Tags, Boolean operators, parentheses, and set references to create bottom of the page.

Example: TS=(nanotub* SAME carbon) NOT AU=Smalley RE #1 NOT #2 [more examples](#) | [view the tutorial](#)

AU=(PAZOUREK J) AND (AD=BRUSSELS OR AD=BRNO OR AD=LUND)

Search

Searches must be in English

Restrict results by any or all of the options below:

All languages English
All document types Article

Booleans: AND, OR, NOT, SAME, NEAR

Field Tags:

TS= Topic	SG= Suborganization
TI= Title	SA= Street Address
AU= Author [Index]	CI= City
RID= ResearcherID	PS= Province/State
GP= Group Author [Index]	CU= Country
ED= Editor	ZP= Zip/Postal Code
SO= Publication Name [Index]	FO= Funding Agency
DO= DOI	FG= Grant Number
PY= Year Published	FT= Funding Text
CF= Conference	SU= Research Area
AD= Address	WC= Web of Science Category
OG= Organization-Enhanced [Index]	IS= ISSN/ISBN
OO= Organization	UT= Accession Number

Example of a reference list

- [1] J. Pazourek and J. Chmelik, *Journal of Chromatography* 1992, 593, 357-362.
- [2] J. Pazourek, *Journal of Liquid Chromatography* 1993, 16, 69-74.
- [3] J. Pazourek, P. Filip, F. Matulik and J. Chmelik, *Separation Science and Technology* 1993, 28, 1859-1873.
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- [5] J. Pazourek, E. Urbankova and J. Chmelik, *Journal of Chromatography A* 1994, 660, 113-118.
- [6] J. Pazourek and J. Chmelik, *Journal of Chromatography A* 1995, 715, 259-265.
- [7] J. Pazourek, K. G. Wahlund and J. Chmelik, *Journal of Microcolumn Separations* 1996, 8, 331-338.
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- [19] J. Budilova, J. Pazourek, P. Krasensky and J. Pospichal, *Journal of Separation Science* 2006, 29, 1613-1621.
- [20] M. Spanila, J. Pazourek and J. Havel, *Journal of Separation Science* 2006, 29, 2234-2240.
- [21] J. Muselik, K. Dvorackova, K. Krejcova, M. Rabiskova, J. Pazourek, S. Marton, M. Drackova and L. Vorlova, *Current Pharmaceutical Analysis* 2010, 6, 225-233.
- [22] J. Pazourek, *Journal of Separation Science* 2010, 33, 974-981.
- [23] J. Pazourek, J. Vaclavik and M. Zemlicka, *Food Chemistry* 2011, 125, 785-790.
- [24] V. Spackova and J. Pazourek, *Chemical Papers* 2013, 67, 357-364.

Mendeley

A screenshot of the Mendeley Web Importer interface. The browser address bar shows a URL starting with "product=WOS&SID=D67BVklsNXmPzEPTIFh&search_mode=GeneralSearch&prID=4...". The Mendeley logo is in the top right corner of the page. A "Web Importer" window is open, showing a list of references detected on a page. Two red arrows point to the "Add" button and the "Add PDFs if available" checkbox. A dropdown menu is open over the "Export..." button, listing options: EndNote Desktop, Other File Formats, Claim on Publons - track citations, InCites, RefWorks, Print, Email, and Fast 5K. The reference list includes titles like "Enantioselective column coupled electrophoresis..." and "Comparison of hydrodynamically closed isotachopheresis-capillary zone electrophoresis...".

product=WOS&SID=D67BVklsNXmPzEPTIFh&search_mode=GeneralSearch&prID=4...

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Web Importer

Select all du1 Add

Add PDFs if available

9 references detected on page

Enantioselective column coupled electrophoresis employing large bore capillaries hyphenated with tandem mass spectrometry for ultra-trace determination of chiral compounds in complex real samples
Juraj Piešťanský, Katarína Maráková et al.
Electrophoresis, 36, 24, 12 2015
PDF not found Reference ✓

Comparison of hydrodynamically closed isotachopheresis-capillary zone electrophoresis with hydrodynamically open capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Pheniramine, its

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JOURNAL OF CHROMATOGRAPHY A Volume: 1358 Pages: 285-292 Published: SEP 5 2014

Conclusion

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- Find articles

Solution - advanced

Search

European Journal of Pharmaceutical Sciences in Source Title

AND

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Pharmaceut Sci Brno in Address
Example: Yale Univ SAME hosp ([view abbreviations list](#))

AND European Journal of Pharmaceutical Sciences in Publication Name
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