

tekst, a stil citiranja se može brzo i lako mijenjati s pomoću ikone *style*, te se također mogu instalirati i drugi stilovi. *Insert bibliography* služi za umetanje bibliografije na kraju teksta.

Kod citiranja u zbirci Mendeley izabere se potrebna referencija, koja se s pomoću ikone *send citation to word processor* "prebacuje" u Wordov dokument (slika 3).

Prikupljene referencije mogu se dijeliti i s drugima s pomoću grupa koje mogu biti javne (svi se mogu pridružiti ili svi mogu tražiti da se pridruže, a pokretač grupe daje dopuštenje) i privatne. Dokumenti se pridodaju određenoj grupi tako da se s mišem jednostavno "povuku" iz srednjeg prozora. Razmjena dokumenata putem grupa olakšava zajednički rad, a osobito s dokumentima u PDF-u jer svi članovi grupe u njih mogu dodavati bilješke koje se mogu zajedno s tekstom eksportirati iz Mendeleya (*file – export PDF with annotations*). Grupe se mogu osnovati i izravno na poslužitelju Mendeley.

Za povezivanje s drugim osobama iz različitih znanstvenih područja moguće je na poslužitelju Mendeley načiniti svoj profil s

CV-om (*my account*) i objavljenim radovima za koje je moguće pratiti statistiku upotrebe – čitanje, učitavanje i pregledavanje.

Mendeley je kompatibilan sa svim preglednicima i sustavima Mac/Win/Linux, a dostupne su i besplatne aplikacije iPhone/iPod. Isto tako postoje mogućnosti eksportiranja u nekoliko formata koji su kompatibilni s drugim programima iste namjene (Zotero, End-Note), a moguće je podesiti integraciju s Zoteroom i CiteULikeom, odnosno automatski uvoz referencija iz ta dva programa u Mendeley.

Mendeley kvalitetno obavlja funkciju za koju je namijenjen i sigurno će zadovoljiti korisnike koji žele imati organiziranu i pretraživu zbirku referencija i dokumenata, te brzo i jednostavno citirati. Međutim, budući da je prikupljanje s mreže vezano za poslužitelj Mendeley i da je korisnik "prisiljen" na sinkronizaciju kako bi zapravo postao pretplatnik, to mu je i glavna zamjerka.

Literatura:

Mendeley. URL: <http://www.mendeley.com/> (30. 1. 2012.).

iz hrvatskih znanstvenih časopisa

SADRŽAJI RECENTNIH BROJEVA

Chemical and Biochemical Engineering Quarterly

The international publication of "Kemija u industriji"

Chem. Bio. Eng. Q. Vol. 25 No 4 P 403–530 Zagreb, December 2011

CONTENTS

Original scientific papers

- Multi-objective MINLP Optimization Used to Identify Theoretical Gene Knockout Strategies for *E. coli* Cell403
G. Maria, Z. Xu, and J. Sun
- Transport of Metal Ions through Cellulose Fiber Supported Solid Membrane into Tributyl Phosphate Containing Mixed Solvents425
A. G. Gaikwad
- Effect of Different Fermentation Parameters on Lactic Acid Production from Kitchen Waste by *Lactobacillus* TY50433
X.-M. Wang, Q.-H. Wang, X.-Q. Wang, and H.-Z. Ma
- Effects of Packing Material Type on n-Pentane/Biomass Partition Coefficient for Use in Fungal Biofilters439
A. Vergara-Fernández, O. Soto-Sánchez, and J. Vásquez
- Comparison of the Efficiency of Moving- and Fixed-bed Bioreactors for Treatment of High-strength Synthetic Wastewater445
A. Rezaee, S. Jorfi, and R. D. Cheshmeh Soltani

Application of the Nanofiltration Process for Concentration of Polyphenolic Compounds from <i>Geranium robertianum</i> and <i>Salvia officinalis</i> Extracts.....	453
<i>G. Paun, E. Neagu, A. Tache, G. L. Radu, and V. Parvulescu</i>	
A Comparison Between Different Modeling Techniques for the Production of Bio-ethanol from Dairy Industry Wastes	461
<i>A. Saraceno, S. Sansonetti, V. Calabrò, G. Iorio, and S. Curcio</i>	
Hydrogels of Poly(acrylamide-co-acrylic acid): <i>In-vitro</i> Study on Release of Gentamicin Sulfate.....	471
<i>A. Thakur, R. K. Wanchoo, and P. Singh</i>	
Adsorption of Cationic Red X-GRL from Aqueous Solutions by Graphene: Equilibrium, Kinetics and Thermodynamics Study	483
<i>Y. H. Li, T. Liu, Q. Du, J. Sun, Y. Xia, Z. Wang, W. Zhang, K. Wang, H. Zhu, and D. Wu</i>	
Biodegradation Kinetics of Winery Wastewater from Port Wine Production	493
<i>F. Silva, A. Pirra, J. Sousa, L. Arroja, and I. Capela</i>	
Response Surface Methodology for the Evaluation and Comparison of Cellulase Production by <i>Aspergillus nidulans</i> SU04 and <i>Aspergillus nidulans</i> MTCC344 Cultivated on Pretreated Sugarcane Bagasse	501
<i>S. Anuradha Jabasingh</i>	
Enhancement of <i>Trigonopsis variabilis</i> D-Amino Acid Oxidase Overproduction in Fed-batch Cultivation of <i>Escherichia coli</i>	513
<i>D. Stanzer, J. Mrvčić, S. Križanović, V. Stehlik-Tomas, and S. Grba</i>	
Department	
Book reviews	519
Contents and Authors Index	521

CROATICA CHEMICA ACTA

Published by the Croatian Chemical Society

Croat. Chem. Acta	Vol. 84	Number 4	455–545	CCCCIX–CCCCXV	Zagreb, December 2011
-------------------	---------	----------	---------	---------------	-----------------------

CCA CONTENTS

ORIGINAL SCIENTIFIC ARTICLES

Synthesis of (1-ethyl-2-phenyl-1,4-dihydroquinolin-4-yl)-(2,4,6-trimethylphenyl)-amine by Electrochemical Methods in Aprotic Media	455
<i>Mamta Kumari and Digish Kumar Sharma</i>	
Electrophoretic Studies of Biologically Important Mixed Metal – Ascorbic Acid – Nitrilotriacetate Complexes	461
<i>Sarika Sachan, Praveen Pratap Singh, Pramod Kumar, Vaibhav Kumar Nigam, and Rana Krishna Pal Singh</i>	
Hydrothermal Synthesis of Platinum Group Metal Nanoparticles	465
<i>Stjepko Krehula and Svetozar Musić</i>	
Electrooxidation of Iodide Ion at Poly 8-(3-acetylrimino-6-methyl-2,4-dioxopyran)-1-aminonaphthalene Modified Electrode in Aqueous Solution	469
<i>Abla Ahmed Hathoot</i>	
Adsorption of Tetramethylthiourea in the Presence of Cationic Detergent at Interface Electrode / Aqueous Perchlorate Solutions.....	475
<i>Małgorzata Klin, Jolanta Nieszporek, Dorota Sieńko, Dorota Gugala-Fekner, and Jadwiga Saba</i>	
Microstructural Analysis of Boehmite Nanoparticles Prepared by Rapid Hydrolysis of Aluminum Sec-butoxide.....	481
<i>Goran Štefanić and Svetozar Musić</i>	
Computer-assisted Development of <i>ad hoc</i> Methodology for Monitoring of Inorganic Cations in Surface Water Using Gradient Elution Ion Chromatography	487
<i>Tomislav Bolanča, Šime Ukić, and Andrea Marinović Ružđjak</i>	

On Zagreb Eccentricity Indices	493
<i>Rundan Xing, Bo Zhou, and Nenad Trinajstić</i>	
Heterologous Expression of the Alba Protein from the Hyperthermophilic Archaeon <i>Aeropyrum pernix</i>	499
<i>Miha Črnigoj, Andrej Hanzlowsky, Tanja Vilfan, and Nataša Poklar Ulrih</i>	
Magneto-structural Correlations in Doubly Hydroxo-bridged Cu(II)-Dimers	505
<i>Stefan Lebernegg</i>	
Octahedral and Tetrahedral Cobalt(II) Sites in Cobalt Chloride Complexes with Polyethers	515
<i>Saša Petriček</i>	
Chemical Composition and Physical Properties of “Pale Yellow” Naphtalan	521
<i>Ivan Alajbeg, Denis Brkić, Marijan Ahel, Sanda Telen, Emir Džanić, Sanja Fingler, and Anđa Alajbeg</i>	
Electrochemical Behavior of Hybrid Films Composed of Copper Hexacyanoferrate and Conducting Polymer	531
<i>Abla Ahmed Hathoot</i>	

NOTES

The Use of ¹³ C NMR Spectroscopy and Comprehensive Two-dimensional Gas Chromatography, GC×GC, for Identification of Compounds Involved in Diesel Fuel Oxidative Behavior	537
<i>Jelena Parlov Vuković, Sanda Telen, Vlasta Srića, and Predrag Novak</i>	
A Novel Version of the Edge-Szeged Index	543
<i>Hui Dong, Bo Zhou, and Nenad Trinajstić</i>	

APPENDICES**Errata**

Croat. Chem. Acta 84 (2011) 73-79	CCCCIX
<i>Tamara Popović</i>	

Book review

SEYMOUR B. ELK

The Structure – Nomenclature Cycle of Chemistry

<i>Nenad Raos</i>	CCCCXI–CCCCXII
-------------------------	----------------

Acknowledgment	CCCCXIII
-----------------------------	----------

Conclusion	CCCCXV
-------------------------	--------

Food Technology and Biotechnology

Journal of the Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb, Croatia

Food Technol. Biotechnol.	Vol. 50	No. 1	1–136	Zagreb, January–March 2012
---------------------------	---------	-------	-------	----------------------------

C o n t e n t s

Editor's Letter	1
-----------------------	---

MINIREVIEW

Transgenic Plants Expressing Phytase Gene of Microbial Origin and Their Prospective Application as Feed	3
<i>Iti Gontia, Keerti Tantwai, Lalit Prasad Singh Rajput, and Sharad Tiwari</i>	

ORIGINAL SCIENTIFIC PAPERS

Extracts of Edible Plants Inhibit Pancreatic Lipase, Cholesterol Esterase and Cholesterol Micellization, and Bind Bile Acids	11
<i>Sirichai Adisakwattana, Julnaryn Intrawangso, Araya Hemrid, Benjanut Chanathong, and Kittana Mäkynen</i>	

Physicochemical and Antioxidant Properties of Buckwheat Protein Isolates with Different Polyphenolic Content Modified by Limited Hydrolysis with Trypsin.....	17
<i>Xiao-Yan Wang and Chuan-He Tang</i>	
Antimicrobial Activity of <i>Bacillus</i> sp. Natural Isolates and Their Potential Use in the Biocontrol of Phytopathogenic Bacteria	25
<i>Tanja Berić, Milan Kojić, Slaviša Stanković, Ljubiša Topisirović, Giuliano Degrassi, Michael Myers, Vittorio Venturi, and Djordje Fira</i>	
Production of Powerful Antioxidant Supplements via Solid-State Fermentation of Wheat (<i>Triticum aestivum</i> Linn.) by <i>Cordyceps militaris</i>	32
<i>Zuofa Zhang, Guoying Lv, Huijuan Pan, Leifa Fan, Carlos Ricardo Soccol, and Ashok Pandey</i>	
Production of Fructooligosaccharides by <i>Aspergillus phoenicis</i> Biofilm on Polyethylene as Inert Support	40
<i>Guilherme Aziani, Héctor Francisco Terenzi, João Atílio Jorge and Luis Henrique Souza Guimarães</i>	
The Effect of High Intensity Ultrasound Treatment on the Amount of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> in Milk.....	46
<i>Zoran Herceg, Anet Režek Jambrak, Vesna Lelas and Selma Mededovic Thagard</i>	
Structural Modification of Wheat Gluten by Dry Heat-Enhanced Enzymatic Hydrolysis.....	53
<i>Haihua Zhang, Irakoze Pierre Claver, Qin Li, Kexue Zhu, Wei Peng, and Huiming Zhou</i>	
Dependence of Oak-Related Volatile Compounds on the Physicochemical Characteristics of Barrel-Aged Wines	59
<i>Pedro Rodríguez-Rodríguez, and Encarna Gómez-Plaza</i>	
Influence of Culture and Nutritional Conditions on Self-Flocculation of a <i>Kloeckera apiculata</i> Wine Strain	66
<i>Oscar A. Sosa and Marta E. Farías</i>	
Rheological Characteristics and Microstructure of Probiotic Soy Yogurt Prepared from Germinated Soybeans.....	73
<i>Mei Yang, Jing Fu and Li Li</i>	
Effects of Sodium Tripolyphosphate and Modified Atmosphere Packaging on the Quality Characteristics and Storage Stability of Ground Beef.....	81
<i>Muhammet Žrfan Aksu and Esen Alp</i>	
Enzymatic Transesterification of Ethyl Ferulate with Fish Oil and Reaction Optimization by Response Surface Methodology	88
<i>Zhiyong Yang, Marianne Glasius, and Xuebing Xu</i>	
Properties of Rose Hip Marmalades	98
<i>Oktay Yıldız and Mehmet Alpaslan</i>	
Characterization of Slovenian Apples with Respect to Their Botanical and Geographical Origin and Agricultural Production Practice.....	106
<i>Karmen Bizjak Bat, Rajko Vidrih, Marjan Nečemer, Branka Mozetič Vodopivec, Ines Mulič, Peter Kump, and Nives Ogrinc</i>	
PRELIMINARY COMMUNICATION	
Biological Activity of Sour Cherry Fruit on the Bacterial Flora of Human Saliva <i>in vitro</i>	117
<i>Mária Hevesi, Anna Blázovics, Erzsébet Kállay, Anita Végh, Monika Stéger-Máté, Gitta Ficzek, and Magdolna Tóth</i>	
SCIENTIFIC NOTE	
Characterisation of New <i>Bacillus circulans</i> Strain Isolated from Oil Shale	123
<i>Vesna Dragutinović, Miroslav M. Vrvić, Izabela Swiecicka, Olga Cvetković, Tanja Berić, and Slaviša Stanković</i>	
IN MEMORIAM	
Pavao Mildner, <i>professor emeritus</i> (1918–2012).....	129
INSTRUCTIONS TO AUTHORS	132

PERIODICUM BIOLOGORUM

An Interdisciplinary International Journal of the Societas Scientiarum Naturalium Croatica established 1885

Period. Biol. Vol. 113, No 4 383–463 Zagreb, November 2011

CONTENTS**EDITORIAL**

- Noninvasive medical diagnoses based on body dissipation383
Karolj Skala, Simeon Grazio

REVIEW ARTICLE

- Infrared thermography and image analysis for biomedical use385
Andras Szentkuti, Hana Skala Kavanagh, Simeon Grazio

ESSAYS

- Thermography: is a new diagnostic method necessary for breast cancer detection?129
Svetlana Antonini

ORIGINAL SCIENTIFIC PAPERS

- Medical 3D thermography system401
Ivan Grubišić
- 4D thermal imaging system for medical applications407
Karolj Skala, Tomislav Lipić, Ivan Sović, Luko Gjenero, Ivan Grubišić
- Experimental verification of heat source parameter stimulation from 3D thermograms417
Ivan Sović, Tomislav Lipić, Luko Gjenero, Ivan Grubišić, Karolj Skala
- Simplified description and interpretation of pathological thermography signs in malignant breast lesions425
Svetlana Antonini, Darko Kolarić, Željko Herceg, Željko Ferenčić, Tomislav Kuliš, Nikola Borojević, Krešimir Karlović, Marko Banić
- Computer supported thermography monitoring of hand strength evaluation by electronic dynamometer in rheumatoid arthritis – a pilot study433
Hana Skala Kavanagh, Amir Dubravić, Tomislav Lipić, Ivan Sović, Simeon Grazio
- Thermography in patients with inflammatory bowel disease and colorectal cancer: evidence and review of the method439
Marko Banić, Darko Kolarić, Nikola Borojević, Željko Ferenčić, Sanja Pleško, Lidija Petričušić, Tonči Božin, Svetlana Antonini
- Thermography hand temperature distribution in rheumatoid arthritis and osteoarthritis445
Nikola Borojević, Darko Kolarić, Simeon Grazio, Frane Grubišić, Svetlana Antonini, Iskra Alexandra Nola
- The value of scrotal infrared digital thermography in detection of varicocele – initial results449
Tomislav Kuliš, Darko Kolarić, Krešimir Karlović, Matej Knežević, Josip Samardžić, Milan Bitunjac, Svetlana Antonini, Željko Kaštelan
- Digital thermography in analysis of temperature changes in *Pelophylax ridibundus* frog453
Domagoj Đikić, Darko Kolarić, Vesna Benković, Anica Horvat-Knežević, Katarina Školnik Gadanac, Zoran Tadić, Nada Oršolić
- Effectivity of flavonoids on animal model psoriasis – thermographic evaluation457
Jadranka Skurić, Nada Oršolić, Darko Kolarić, Domagoj Đikić, Vesna Benković, Anica Horvat Knežević, Duje Lisičić