

LISTA LUCRĂRILOR PUBLICATE

ÎN EXTENSO

(1) Lista lucrărilor considerate a fi cele mai relevante:

1. Valeriu V. Cotea, **Camelia Luchian**, Nicolae Bilba, Marius Niculaua, Mesoporous silica SBA-15, a new adsorbent for bioactive polyphenols from red wine, (2012), Analytica Chimica Acta, 732, ISSN: 0003-2670, p. 180–185, Impact factor – 4,34 (**Camelia Luchian** – Corresponding author)

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=1

2. **Camelia Luchian**, Marius Niculaua, Valeriu V. Cotea, Nicolae Bîlbă, Violeta Copcia, Andrei V. Sandu, Adsorption of phenolic compounds from wine on mesoporous MCM-41 molecular sieve, (2011), Revista de chimie, 62(3), ISSN 0034-7752, p. 287-292, Factor impact-0,599

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=4

3. **Luchian Camelia**, Niculaua Marius, Cotea V.Valeriu, Vasile Aurelia, Copcia Violeta and Bilba N., Phenolic stabilization of wines using mesoporous silica SBA-15 molecular sieve, (2011), Mitteilungen Klosterneuburg, 61(2), ISSN: 0007-5922, p. 91-101, impact factor-0,106

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=5

4. **Camelia Luchian**, Valeriu V. Cotea, Ion Sandu, Violeta Copcia, Nicolae Bilba, Removal of Mn(II), Ni(II) and Cu(II) ions from white wine through ion exchange in microporous mordenite and mesoporous Al-MCM-41, (2011), Revista de chimie, 62(8), ISSN 0034-7752, p. 782-786, impact factor-0,599

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=3

5. Copcia Violeta, **Luchian Camelia**, Bilba Nicolae, Ammonium ions removal from aqueous solution using mesoporous (Al)Si-MCM-41, (2010), Environmental Engineering and Management Journal, 9, ISSN: 1582-9596, p.1243-1250, Factor impact-1,117

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=7

6. **Camelia Elena Luchian**, Valeriu V. Cotea, Lucia Cintia Colibaba, Catalin Zamfir, Maria Codreanu, Marius Niculaua, Antoanela, Influence of nanoporous materials on the chemical composition of Merlot and Cabernet Sauvignon wines, Environmental Engineering and Management Journal, ISSN: 1582-9596, Vol. 14, 2015, 503-718, impact factor=1.096

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=21&SID=E6DPkcjxVPvpcccpwhz&page=2&doc=13

7. Violeta Elena Copcia, **Camelia Luchian**, Simona Dunca, Nicolae Bilba, Claudia Mihaela Hristodor, Antibacterial activity of silver - modified natural clinoptilolite, (2011), Journal of Materials Science, ISSN: 0022-2461, 46(22), p. 7121-7128, impact factor -2,163

http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=R2OuTs2oJ2Ditsz83Ka&page=1&doc=2

8. Dumitriu Georgiana Diana, López De Lerma Nieves, **Luchian Elena-Camelia**, Cotea V. V., Peinado R. A., Study of the potential use of mesoporous nanomaterials as fining agent to prevent protein haze in white wines and its impact in major volatile aroma compounds and polyols, Food Chemistry, ISSN: 0308-8146, Volume 240, 1.02.2018, p. 751-758. Impact factor=4.529.

<https://www.sciencedirect.com/science/article/pii/S030881461731316X>

9. C. I. Zamfir, V. V. Cotea, **C. E. Luchian**, M. Niculaua, Odăgeriu, The influence of different prefermentative maceration processes and tartaric stabilization treatments on the color, cation content and other physico-chemical parameters of 'Băbească neagră' rosé wines, (2014), Vitis, ISSN: 0042-7500, 53 (1), 45–52, Impact factor=0.74.

<https://www.vitis-vea.de/admin/volltext/W0%2014%20236.pdf>

10. Valeriu V. Cotea, **Camelia Luchian**, Marius Niculaua, Cătălin Ioan Zamfir, Ioan Moraru¹, Bogdan Constantin Nechita, Cintia Colibaba, Evaluation of phenolic compounds content in grape seeds, 2018, Environmental Engineering and Management Journal, ISSN: 1582-9596 2018, Vol.17, No. 4, 795-802. impact factor =1.096.

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDH6mIw37ECJN5dC8&page=1&doc=1

(2) Teza de doctorat:

“Îndepărtarea ionilor metalici și polifenolilor din vinuri prin schimb ionic și adsorbție pe materiale micro și mezoporoase”, Titlul de doctor a fost confirmat în baza Ordinului Ministerului Educației, Cercetării și Inovării nr. 6468 din 07.12.2011, elaborată sub conducerea științifică a domnului profesor doctor **emerit Nicolae Bîlbă**, Universitatea “Alexandru Ioan Cuza” din Iași, Facultatea de Chimie.

(3) Brevete de invenție și alte titluri de proprietate industrială:

(4) Cărți și capitole de cărți:

Tehnici și echipamente de investigare a factorilor de mediu - îndrumar de laborator – singur autor –Camelia Luchian, 2018, Ed. Stef, Iași, ISBN: 978-606575957-2

Materiale inovative cu aplicații în vinificație, –autori - Camelia Luchian, Maria Codreanu, 2018, Ed. Stef, Iași, ISBN: 978-606575958-9

Managementul sistemelor viticole ecologice- suport curs – autori - Colibaba L.C., Luchian C.E., Rotaru L., 2015, Ed. Ion Ionescu de la Brad, Iași, ISBN:978-973-147-192-1

(5) Articole/studii în extenso, publicate în reviste cotate ISI cu factor de impact:

1. Valeriu V. Cotea, **Camelia Luchian**, Nicolae Bilba, Marius Niculaua, Mesoporous silica SBA-15, a new adsorbent for bioactive polyphenols from red wine, (2012), *Analytica Chimica Acta*, 732, ISSN: 0003-2670, p. 180–185, Impact factor – 4,34 (**Camelia Luchian** – Corresponding author)
2. **Camelia Luchian**, Marius Niculaua, Valeriu V. Cotea, Nicolae Bîlbă, Violeta Copcia, Andrei V. Sandu, Adsorption of phenolic compounds from wine on mesoporous MCM-41 molecular sieve, (2011), *Revista de chimie*, 62(3), ISSN 0034-7752, p. 287-292, Factor impact-0,599
3. **Luchian Camelia**, Niculaua Marius, Cotea V.Valeriu, Vasile Aurelia, Copcia Violeta and Bilba N., Phenolic stabilization of wines using mesoporous silica SBA-15 molecular sieve, (2011), *Mitteilungen Klosterneuburg*, 61(2), ISSN: 0007-5922, p. 91-101, impact factor-0,106
4. **Camelia Luchian**, Valeriu V. Cotea, Ion Sandu, Violeta Copcia, Nicolae Bilba, Removal of Mn(II), Ni(II) and Cu(II) ions from white wine through ion exchange in microporous mordenite and mesoporous Al-MCM-41, (2011), *Revista de chimie*, 62(8), ISSN 0034-7752, p. 782-786, impact factor-0,599
5. Copcia Violeta, **Luchian Camelia**, Bilba Nicolae, Ammonium ions removal from aqueous solution using mesoporous (Al)Si-MCM-41, (2010), *Environmental Engineering and Management Journal*, 9, ISSN: 1582-9596, p.1243-1250, Factor impact-1,117
6. Copcia Violeta, Hristodor Claudia, **Luchian Camelia**, Bilba Nicolae, Sandu Ion, Ammonium nitrogen removal from aqueous solution by natural clay, (2010), *Revista de chimie*, 12 (61), ISSN 0034-7752, p.1192-1196, Factor impact-0,599
7. Copcia Violeta Elena, **Luchian Camelia**, Simona Dunca, Nicolae Bilba, Claudia Mihaela Hristodor, Antibacterial activity of silver - modified natural clinoptilolite, (2011), *Journal of Materials Science*, ISSN: 0022-2461, 46(22), p. 7121-7128, impact factor -2,163
8. C. I. Zamfir, V. V. Cotea, **C. E. Luchian**, M. Niculaua, Odăgeriu, The influence of different prefermentative maceration processes and tartaric stabilization treatments on the color, cation content and other physico-chemical parameters of 'Băbească neagră' rosé wines, (2014), *Vitis* 53 (1), 45–52
9. Maria Codreanu, Valeriu v. Cotea, **Camelia Luchian**, Marius Niculaua, Cintia Colibaba, Prefermentative treatments influence on Tămâioasă românească and Aligoté wine composition, *MITEILUNGEN KLOSTERNEUBURG*, 64, 2014, pag: 1-8

10. **Camelia Elena Luchian**, Valeriu V. Cotea, Lucia Cintia Colibaba, Catalin Zamfir, Maria Codreanu, Marius Niculaua, Antoanela, Influence of nanoporous materials on the chemical composition of Merlot and Cabernet Sauvignon wines, *Environmental Engineering and Management Journal*, Vol. 14, 2015, 503-718
11. Marius Niculaua, **Luchian Camelia**, Cotea V. Valeriu, Cintia Colibaba, Studies on the phenolic content of Romanian Feteasca neagră wines, *Planta Medica*, 79, 2013, 1197-1197, IF=2.339
12. Lucia Cintia Colibaba, Valeriu V. Cotea, Liliana Rotaru, Bogdan Nechita, Marius Niculaua, Stefan Tudose-Sandu-Ville, **Camelia Luchian**, *Volatiles in Tămâioasă Românească via supercritical fluid extraction (SFE) analysis*, *Environmental Engineering and Management Journal*, Vol. 14, 2015, 297-302
13. Niculaua M., Tudose-Sandu-Ville Șt., Cotea V. V., **Luchian Elena-Camelia**, Tudose-Sandu-Ville O. V., Phenolic Compounds Content in Merlot Wines Obtained through Different Thermomaceration Techniques, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, volume 45, Issue 2, 2017, p. 548-552, DOI: <http://dx.doi.org/10.15835/nbha45210883>.
14. Dumitriu Georgiana Diana, López De Lerma Nieves, **Luchian Elena-Camelia**, Cotea V. V., Peinado R. A., Study of the potential use of mesoporous nanomaterials as fining agent to prevent protein haze in white wines and its impact in major volatile aroma compounds and polyols, *Food Chemistry*, Volume 240, 1 february 2018, p. 751-758, <https://doi.org/10.1016/j.foodchem.2017.07.163>.
15. **Luchian Elena-Camelia**, Colibaba Lucia-Cintia, Codreanu Maria; Tudose-Sandu-Ville Șt., Niculaua M., Cotea V. V., Assay of Antioxidant Capacity and Phenolic Compounds in some Romanian and Cypriot, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, volume 46, Issue 1, 2018, p. 240 - 246, DOI: 10.15835/nbha46110885.
16. Moroșanu Ana-Maria, **Luchian Elena-Camelia**, Niculaua M., Colibaba Lucia-Cintia, Tarțian A. C., Cotea V. V., Assessment of Major Volatile and Phenolic Compounds from 'Fetească Regală' Wine Samples after Pre-fermentative Treatments using GC-MS Analysis and HPLC Analysis, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, volume 46, Issue 1, 2018, p. 247-259, DOI: 10.15835/nbha46110889
17. Valeriu V. Cotea, Camelia Luchian, Marius Niculaua, Cătălin Ioan Zamfir, Ioan Moraru1, Bogdan Constantin Nechita, Cintia Colibaba, EVALUATION OF PHENOLIC COMPOUNDS CONTENT IN GRAPE SEEDS, *Environmental Engineering and Management Journal* April 2018, Vol.17, No. 4, 795-802

(6) Articole/studii în extenso, publicate în reviste sau conferințe cotate ISI fără factor de impact:

1. **Luchian Camelia Elena**; Colibaba Cintia; Niculaua Marius, Cotea V. Valeriu, Codreanu Maria, *Innovative materials in winemaking*, 38TH WORLD CONGRESS OF VINE AND WINE (PART 1), Book Series: BIO Web of Conferences Volume: 5, 2015
2. Colibaba Lucia Cintia; Cotea Valeriu V.; Lacureanu Florin Gabriel; **Luchian Camelia** et al., Studies of phenolic and aromatic profile of Busuioaca de Bohotin wines, 38TH

WORLD CONGRESS OF VINE AND WINE (PART 1), Book Series: BIO Web of Conferences Volume: 5, 2015

3. Andrieș T. M., Zamfir C. I., **Luchian Elena-Camelia**, Niculaua M., Colibaba Lucia-Cintia, Odăgeriu G., Focsa C. M., Cotea V. V., Reverse osmosis influence over the content of metals and organic acids in low alcoholic beverages, BIO Web of Conferences, Volume 9, 02005 (2017), Section Oenology, 40th World Congress of Vine and Wine, EDP Sciences, Sofia, Bulgaria, 29 May – 02 June, 2017, <https://doi.org/10.1051/bioconf/20170902005>.
4. Focsa C. M., **Luchian Elena-Camelia**, Moroșanu Ana-Maria, Niculaua M., Cotea V. V., Odăgeriu G., Zamfir C. I., Content of metals and organic acids from experimental sparkling white, BIO Web of Conferences, Volume 9, 02007 (2017), Section Oenology, 40th World Congress of Vine and Wine, EDP Sciences, Sofia, Bulgaria, 29 May – 02 June, 2017, 6 p., <https://doi.org/10.1051/bioconf/20170902007>
5. Morosanu, Ana-Maria; Cotea, Valeriu V.; Luchian, Camelia Elena; Niculaua, M; Colibaba, C, Tartian, AC, *The influence of pre-fermentative treatments on the volatile, chromatic features, organic acids and phenolic content of Feteasca alba Romanian wine*, Conference: 39th World Congress of Vine and Wine Location: Bento Goncalves, BRAZIL Date: OCT 24-28, 2016, 39TH WORLD CONGRESS OF VINE AND WINE , Book Series: BIO Web of Conferences, Volume: 7, 2016
6. Dumitriu, GD; Cotea, VV; Peinado, RA; de Lerma, NL; Luchian, CE ; Colibaba, CL; Niculaua, M; Zamfir, CI; Vararu, F., Odageriu, G, Mesoporous materials as fining agents in variety Cabernet Sauvignon wines, 39TH WORLD CONGRESS OF VINE AND WINE, Ed. Aurand, JM, Book Series: BIO Web of Conferences, Volume: 7, DOI: 10.1051/bioconf/20160702011, 2016

(7) Articole/studii în extenso, publicate în reviste indexate BDI:

1. **Luchian Camelia**, Cotea V.V., Patraș Antoanela, Niculaua M., Seftel Elena - Reduction of phenolic compounds level from red wine, following treatment with micro and mesoporous material, *Lucrări Științifice*, 2012, Vol. 55, Nr. 1, seria Horticultură, editura “Ion Ionescu de la brad”, ISSN: 1454-7376, p. 395-400
2. Patraș Antoanela, Băetu Alina Loredana, Arion Cristina, Filimon V.R., Băetu M.M., **Luchian Camelia Elena** - Modificări biochimice în unele produse horticole ca urmare a procesării termice, *Lucrări Științifice*, 2012, Vol. 55, Nr. 2, seria Horticultură, editura “Ion Ionescu de la brad”, ISSN: 1454-7376, p. 431-436
3. **Luchian Camelia**, Cotea V.V., Patraș Antoanela, Niculaua M. - Impact study of some micro and mesoporous materials on the chemical composition of Tămâioasa românească white wine, *Lucrări Științifice*, Vol. 56, Nr. 1, seria Horticultură, editura “Ion Ionescu de la brad”, 2013, ISSN: 1454-7376, p.331-337
4. Cotea V.V., Mustea M., Niculaua M., Nechita C.B., Colibaba Lucia Cintia, **Luchian Camelia** - HPLC analysis for quantification of benzoic acids in Târgu Bujor and Cotnari wines, 2013, *Lucrări Științifice*, Vol. 56, supliment, seria Horticultură, editura “Ion Ionescu de la brad”, ISSN: 1454-7376, p. 5-9

5. Cotea V.V, Niculaua M., Colibaba Lucia Cintia, Patraș Antoanela, Zamfir C.I., **Luchian Camelia** - Analysis of hydroxycinnamic acids content from wines of Cotnari and Târgu Bujor vineyards, 2013, *Lucrări Științifice*, Vol. 56, supliment, seria Horticultură, editura "Ion Ionescu de la Brad", ISSN: 1454-7376, p. 33-37
6. Maria Codreanu, Valeriu V. Cotea, Marius Niculaua, Cintia Colibaba, **Camelia Luchian**, Study on Tămâioasă Românească Wine Composition Obtained Through Different Prefermentative Treatment, 2013, *Bulletin UASVM. Horticulture*, 70(1), ISSN: 1843-5254, p. 75-80
7. Patras Antoanela, **Luchian Camelia**, Niculaua Marius, Stoleru Vasile, Effects of some abiotic factors on brassica oleracea var. Capitata sprouts, 2013, *Bulletin UASVM. Horticulture*, 70(1), ISSN: 1843-5254, p.172-179.
8. Colibaba Lucia Cintia, Tudose-Sandu-Ville St, **Luchian Camelia**, Popirda Andreea, Niculaua M., Cotea V. V., 2017, Studies regarding the main compositional parameters and some volatile compounds in spirits from Iași vineyard, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture*, vol. 74, no 2, ISSN 1843-5254, pg. 137-143
9. Colibaba Cintia, Cotea V. V., **Luchian Camelia**, Tudose-Sandu- Ville St, Toader Ana Maria, 2016, Studies regarding the production of wine aromatized with *Artemisia absintium*, *Lucrări științifice, seria Horticultură, USAMV Iași*, ISSN 1454-7376, pg.93-98.
10. Niculaua M., Codreanu Maria, **Luchian Elena-Camelia**, Colibaba Lucia-Cintia, Cotea V. V., 2015, Comparative study of antiradical properties of some Romanian wines from the commercial products, *Lucrări științifice, anul LVIII, vol. 58, nr. 1, seria Horticultură, USAMV Iași*, print ISSN 1454-7376, electronic ISSN 2069-8275
11. Dumitriu (Gabor) Georgiana-Diana, **Luchian Elena-Camelia**, Cotea V. V., Peinado Amores Rafael Andres, Lopez De Lerma Nieves, Colibaba Lucia-Cintia, Niculaua M., 2015, Influence of new materials on the chemical composition of Muscat Ottonel wine, *Lucrări științifice, anul LVIII, vol. 58, nr. 2, seria Horticultură, USAMV Iași*, print ISSN 1454-7376, electronic ISSN 2069-8275
12. **Luchian Elena-Camelia**, Colibaba Lucia-Cintia, Kokkinofa Rebecca, Christodoulou Despo, Niculaua M., Codreanu Maria, Moraru I., Cotea V. V., 2015, Physico chemical analysis of cypriot and romanian red wine for quality confirmation, *Lucrări științifice, anul LVIII, vol. 58, nr. 2, seria Horticultură, USAMV Iași*, print ISSN 1454-7376, electronic ISSN 2069-8275
13. Colibaba Cintia-Lucia, Cotea V. V., Rotaru Liliana, Niculaua M., Nechita C. B, **Luchian Camelia-Elena**, 2014, Studies on the compositional profile of wines obtained from Șarbă grapes *Lucrări științifice, anul LVII, vol. 57, nr. 1, seria Horticultură, USAMV Iași*, print ISSN 1454-7376, electronic ISSN 2069-8275, p. 161-164.
14. Colibaba Cintia-Lucia, Cotea V. V., Rotaru Liliana, Niculaua M., Vararu F., **Luchian Camelia-Elena**, 2014, Studies of the influence of some conditioning treatments on some volatile compounds in Fetească albă wines *Lucrări științifice, anul LVII, vol. 57, nr. 2, seria Horticultură, USAMV Iași*, print ISSN 1454-7376, electronic ISSN 2069-8275, p. 181-186.
15. Nistor Alina-Mihaela, Cotea V. V., **Luchian Camelia - Elena**, Niculaua M., Cotan Ș. D., Methods for assessing the mycotoxins potential in oenology industry (Metode de

evaluare a potențialului micotoxinelor din industria oenologică), *Lucrări științifice*, anul LIX, vol. 59, nr. 2, seria Horticultură, USAMV Iași, 2016, print ISSN 1454-7376, electronic ISSN 2069-8275 p. 233-238.

(8) Publicații apărute în lucrări/volume ale principalelor **conferințe internaționale de specialitate:**

1. **C. Luchian**, V. V. Cotea, Cintia Colibaba, A. Patraș, M. Niculaua, Bogdan Nechita, Catalin Zamfir, Maria Codreanu, Ioan Moraru, Study of phenolic compounds adsorption from wine on silica meso-cellular foam, WSEAS Conference, ISSN: 2227-4359 , 1-3 Iunie, Brasov, România, 2013,
2. **C. Luchian**, V. V. Cotea, A. Patraș, M. Niculaua, Investigation of anthocyanins adsorption on sba-15 using a HPLC method, 36th World Congress of vine and wine , ISBN: 979-10-91799-16-14, 2 - 7 June, Bucharest, Romania, 2013
3. M. Niculaua , V. Cotea, **C. Luchian**, C. Colibaba, I. C. Zamfir, I. Moraru Studies on the phenolic content of the Romanian Feteasca neagră wine, *Planta medica*, 79(13), ISSN: 0032-0943, 1-5 septembrie, Munster, Germania, 2013
4. **C. Luchian**, M. Niculaua, P. Antoanela, C. Zamfir, V. Cotea, Influența unor materiale nanoporoase asupra conținutului de ioni metalici din vin, *Lucrări Științifice*, Vol. 36, ISBN 978-9975-64-125-8, Horticultură, viticultură și vinificație, silvicultură și grădini publice, protecția plantelor, Chișinău, Moldova, 2013
5. **C. Luchian**, M. Niculaua, Valeriu V. Cotea, Nicolae Bilba, Aurelia Vasile, Investigation of adsorption phenolic compounds on SBA-15 with a HPLC methods, Abstract, FEZA, ISBN: 978-84-8363-722-7, Valencia, Spania, 3-7 iulie, 2011
6. **C. Luchian**, V. Cotea, M. Niculaua , I. Sandu, SBA-15 new adsorbent for bioactive components from wine, International Conferences European Exhibition of Creativity and Innovation, , ISBN: 978-973-702-851-8, Iasi, Romania, 12 -14 may 2011

(9) Publicații apărute în lucrări/volume ale principalelor **conferințe naționale de specialitate:**

(10) Alte lucrări și contribuții științifice:

Lucrari citate (excluse autocitățile):

Lucrarea citată:

Valeriu V. Cotea, **Camelia Luchian**, Nicolae Bilba, Marius Niculaua, Mesoporous silica SBA-15, a new adsorbent for bioactive polyphenols from red wine, (2012), *Analytica Chimica Acta*, 732, ISSN: 0003-2670, p. 180–185, Impact factor – 4,34 (**Camelia Luchian** – Corresponding author)

Total citari – 14

1. Bioactive mesoporous silica nanocomposite films obtained from native and transglutaminase-crosslinked bitter vetch proteins

By: Fernandez-Bats, Inigo; Di Pierro, Prospero; Villalonga-Santana, Reynaldo; et al.

FOOD HYDROCOLLOIDS Volume: 82 Pages: 106-115 Published: SEP 2018



2.

Merging vibrational spectroscopic data for wine classification according to the geographic origin

By: Teixeira dos Santos, Claudia A.; Pascoa, Ricardo N. M. J.; Sarraguca, Mafalda Cruz; et al.

FOOD RESEARCH INTERNATIONAL Volume: 102 Pages: 504-510 Published: DEC 2017



3

Solid cation exchange phase to remove interfering anthocyanins in the analysis of other bioactive phenols in red wine

By: da Silva, Leticia Flores; Guerra, Celito Crivellaro; Klein, Diandra; et al.

FOOD CHEMISTRY Volume: 227 Pages: 158-165 Published: JUL 15 2017



4.

Use of MCF mesoporous silica modified with trialkoxysilanes as adsorbent for rosmarinic acid

By: Geszke-Moritz, Malgorzata; Moritz, Michal

PRZEMYSŁ CHEMICZNY Volume: 96 Issue: 7 Pages: 1585-1589 Published: JUL 2017

5

Verification of the selectivity of a liquid chromatography method for determination of stilbenes and flavonols in red wines by mass spectrometry

By: da Silva, Leticia F.; Guerra, Celito C.; Foresti, Alana; et al.

CHEMICAL PAPERS Volume: 71 Issue: 3 Pages: 661-672 Published: MAR 2017



6

Amine-modified mesoporous silica for quantitative adsorption and release of hydroxytyrosol and other phenolic compounds from olive mill wastewater

By: Yanguí, Asma; Abderrabba, Manef; Sayari, Abdelhamid

JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS Volume: 70 Pages: 111-118 Published: JAN 2017



7

Protective effect of mesoporous silica particles on encapsulated folates

By: Ruiz-Rico, Maria; Daubenschütz, Hanna; Perez-Estève, Edgar; et al.

EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS Volume: 105 Pages: 9-17 Published: AUG 2016



8

Amine-modified SBA-15 and MCF mesoporous molecular sieves as promising sorbents for natural antioxidant. Modeling of caffeic acid adsorption

By: Moritz, Michal; Geszke-Moritz, Malgorzata

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS Volume: 61 Pages: 411-421 Published: APR 1 2016



9

Application of an Alkali Functionalized Material for Treating Pharmaceutical Wastewater Containing Chlorhexidine Gluconate and Cetrимide

By: Banerjee, Debasree; Jana, Shyamal; Sarkar, Ujjaini; et al.

CLEAN-SOIL AIR WATER Volume: 44 Issue: 2 Published: FEB 2016



10

Polyphenolic Profile of Red Wines for the Discrimination of Controlled Designation of Origin

By: Martelo-Vidal, Maria J.; Vazquez, Manuel

FOOD ANALYTICAL METHODS Volume: 9 Issue: 2 Pages: 332-341 Published: FEB 2016



11

Use of modified SBA-15 and MCF mesoporous silicas as adsorbents for chlorogenic acid. A comparative study

By: Moritz, Michal; Geszke-Moritz, Malgorzata

PRZEMYSŁ CHEMICZNY Volume: 94 Issue: 11 Pages: 1986-1989 Published: NOV 2015



12

Mesoporous materials as multifunctional tools in biosciences: Principles and applications

By: Moritz, Michal; Geszke-Moritz, Malgorzata

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS Volume: 49 Pages: 114-151 Published: APR 1 2015



13.

Rapid authentication of white wines Part 2: Classification by grape variety

By: Martelo-Vidal, Maria J.; Vazquez, Manuel

AGRO FOOD INDUSTRY HI-TECH Volume: 25 Issue: 6 Pages: 20-22 Published: NOV-DEC 2014

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Rapid authentication of white wines. Part 1: Classification by designation of origin

By: Martelo-Vidal, Maria J.; Vazquez, Manuel

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By: Fahmy, Alaa; El-Nasser, Karam S.; Ali, Ibraheem O.; et al.

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By: Ozogul, Fatih; Hamed, Imen; Gokdogan, Saadet

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Conference: 13th International Conference on Environmental Science and Technology (CEST) Location: Athens, GREECE Date: SEP 05-07, 2013

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By: Alexandroei, Maria; Ignat, Maria; Sandu, Ioan Gabriel

REVISTA DE CHIMIE Volume: 64 Issue: 10 Pages: 1100-1103 Published: OCT 2013



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Biodegradation of Pesticides DINOCAP and DNOC by Yeast Suspensions in a Batch System

By: Zaharia, Marius; Maftai, Dan; Dumitras-Hutanu, Cristina Amalia; et al.

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Comparative Studies on Making the Underground Raw Water Drinkable, by Coagulation-Flocculation and Adsorption on Granular Ferric Hydroxide Processes

By: Bociort, Dalia; Gherasimescu, Catalin; Berariu, Razvan; et al.

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4. *Comparative Studies on Making the Underground Raw Water Drinkable, by Coagulation-Flocculation and Adsorption on Granular Ferric Hydroxide Processes*

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