**Medicinal chemistry**

1

Evaluation of humic substances during co-composting of food waste, sawdust and Chinese medicinal herbal residues
Bioresource Technology, Volume 168, September 2014, Pages 229-234
Ying Zhou, Ammaiyappan Selvam, Jonathan W.C. Wong
[PDF (385 K)](file:///I%3A%5C12%5C1.pdf)
2

Synthesis of the antimalarial API artemether in a flow reactor
Catalysis Today, Volume 239, 1 January 2015, Pages 90-96
Polina Yaseneva, Dorota Plaza, Xiaolei Fan, Konstantin Loponov, Alexei Lapkin
[PDF (1566 K)](file:///I%3A%5C12%5C2.pdf)

3
Synthesis, characterization and in vitro antimicrobial screening of quinoline nucleus containing 1,3,4-oxadiazole and 2-azetidinone derivatives
Journal of Saudi Chemical Society, Volume 18, Issue 5, November 2014, Pages 425-431
N.C. Desai, Amit M. Dodiya
[PDF (593 K)](file:///I%3A%5C12%5C3.pdf)
4

Synthesis, characterization; DNA binding and antitumor activity of ruthenium(II) polypyridyl complexes
Journal of Photochemistry and Photobiology B: Biology, Volume 141, December 2014, Pages 47-58
A. Srishailam, Nazar Mohammed Gabra, Yata Praveen Kumar, Kotha Laxma Reddy, C. Shobha Devi, D. Anil Kumar, Surya S. Singh, S. Satyanarayana
[PDF (1981 K)](file:///I%3A%5C12%5C4.pdf)
5

Probing the pH dependent electrochemistry of a novel quinoxaline carboxylic acid derivative at a glassy carbon electrode
Electrochimica Acta, Volume 147, 20 November 2014, Pages 121-128
Aamir Hassan Shah, Afzal Shah, Salah Ud-Din Khan, Usman Ali Rana, Hidayat Hussain, Sher Bahadar Khan, Rumana Qureshi, Amin Badshah, Amir Waseem
[PDF (1120 K)](file:///I%3A%5C12%5C5.pdf)
6

Adamantane-based dendrons for trimerization of the therapeutic P140 peptide
Biomaterials, Volume 35, Issue 26, August 2014, Pages 7553-7561
Giuseppe Lamanna, Maxime Grillaud, Christophe Macri, Olivier Chaloin, Sylviane Muller, Alberto Bianco
[PDF (811 K)](file:///I%3A%5C12%5C6.pdf)

7
Supercritical fluid extraction and convergence chromatographic determination of parthenolide in Tanacetum parthenium L.: Experimental design, modeling and optimization
The Journal of Supercritical Fluids, Volume 95, November 2014, Pages 84-91
Krisztina Végh, Ágnes Alberti, Eszter Riethmüller, Anita Tóth, Szabolcs Béni, Ágnes Kéry
[PDF (1666 K)](file:///I%3A%5C12%5C7.pdf)
8

Enzymatic and acid hydrolysis of Tetraselmis suecica for polysaccharide characterization
Bioresource Technology, Volume 173, December 2014, Pages 415-421
Azadeh Kermanshahi-pour, Toby J. Sommer, Paul T. Anastas, Julie B. Zimmerman
[PDF (1063 K)](file:///I%3A%5C12%5C8.pdf)
9

Kinetics, composition and biological activity of Eupatorium intermedium flower extracts obtained from scCO2 and compressed propane
The Journal of Supercritical Fluids, In Press, Accepted Manuscript, Available online 18 October 2014
Karina Czaikoski, Michele C. Mesomo, Agnes de Paula Scheer, Osmar R. Dalla Santa, Carmen L. Queiroga, Marcos L. Corazza
[PDF (523 K)](file:///I%3A%5C12%5C9.pdf)

10
Biological activity, pH dependent redox behavior and UV–Vis spectroscopic studies of naphthalene derivatives
Journal of Photochemistry and Photobiology B: Biology, Volume 140, November 2014, Pages 173-181
Abdur Rauf, Hanif Subhan, Rashda Abbasi, Bimalendu Adhikari, Aamir Hassan Shah, Usman Ali Rana, Qamar Abbas, Irfan Zia Qureshi, Hidayat Hussain, Kehkashan Mazhar, Amin Badshah, Heinz-Bernhard Kraatz, Afzal Shah
[PDF (1407 K)](file:///I%3A%5C12%5C10.pdf)
11

Monitoring excited state dynamics in cis-[Ru(bpy)2(py)2]2+ by ultrafast synchrotron techniques
Catalysis Today, Volume 229, 15 June 2014, Pages 34-45
Elisa Borfecchia, Claudio Garino, Diego Gianolio, Luca Salassa, Roberto Gobetto, Carlo Lamberti
[PDF (3356 K)](file:///I%3A%5C12%5C11.pdf)
12

Electrochemical determination of chloramphenicol on glassy carbon electrode modified with multi-walled carbon nanotube–cetyltrimethylammonium bromide–poly(diphenylamine)
Journal of Electroanalytical Chemistry, Volume 733, 1 November 2014, Pages 39-46
K. Kor, K. Zarei
[PDF (1461 K)](file:///I%3A%5C12%5C12.pdf)

13
The Extraction and Activity Test of Bioactive Compounds in Phaleria Macrocarpa as Antioxidants
Procedia Chemistry, Volume 9, 2014, Pages 94-101
David Andrean, Susiana Prasetyo, Anastasia Prima Kristijarti, Tedi Hudaya
[PDF (718 K)](file:///I%3A%5C12%5C13.pdf)
14

Supercritical CO2 extraction of bioactive Tyrian purple precursors from the hypobranchial gland of a marine gastropod
The Journal of Supercritical Fluids, Volume 94, October 2014, Pages 1-7
David Rudd, Kirsten Benkendorff
[PDF (1106 K)](file:///I%3A%5C12%5C14.pdf)

15
Ruthenium(III) S-methylisothiosemicarbazone Schiff base complexes bearing PPh3/AsPh3 coligand: Synthesis, structure and biological investigations, including antioxidant, DNA and protein interaction, and in vitro anticancer activities
Journal of Photochemistry and Photobiology B: Biology, Volume 138, 5 September 2014, Pages 63-74
Govindan Prakash, Rajendran Manikandan, Periasamy Viswanathamurthi, Krishnaswamy Velmurugan, Raju Nandhakumar
[PDF (2218 K)](file:///I%3A%5C12%5C15.pdf)
16

Biogenic synthesis of antimicrobial silver nanoparticles capped with l-cysteine
Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 460, 20 October 2014, Pages 219-224
Stefano Perni, Veera Hakala, Polina Prokopovich
[PDF (1302 K)](file:///I%3A%5C12%5C16.pdf)

17
Physico-chemical studies on some saccharides in aqueous cellulose solutions at different temperatures – Acoustical and FTIR analysis
Journal of Saudi Chemical Society, Volume 18, Issue 5, November 2014, Pages 657-665
S. Punitha, R. Uvarani, A. Panneerselvam, S. Nithiyanantham
[PDF (1548 K)](file:///I%3A%5C12%5C17.pdf)

18
The determination of the caffeic acid derivatives of Echinacea purpurea aerial parts under various extraction conditions by supercritical fluid extraction (SFE)
The Journal of Supercritical Fluids, Volume 89, May 2014, Pages 128-136
Nevzat Konar, Sevim Dalabasmaz, Ender Sinan Poyrazoglu, Nevzat Artik, Ahmet Colak
[PDF (1635 K)](file:///I%3A%5C12%5C18.pdf)
19

Phenolic and flavonoid content and antioxidants capacity of pressurized liquid extraction and perculation method from roots of Scutellaria pinnatifida A. Hamilt. subsp alpina (Bornm) Rech. f.
The Journal of Supercritical Fluids, Volume 95, November 2014, Pages 318-324
E. Golmakani, A. Mohammadi, T. Ahmadzadeh Sani, H. Kamali
[PDF (802 K)](file:///I%3A%5C12%5C19.pdf)

20
The Effects of Different Hormones and their doses on Rooting of Stem Cuttings in Anatolian Sage (Salvia Fruticosa Mill.)
APCBEE Procedia, Volume 8, 2014, Pages 348-353
A. Canan Sağlam, Seviye Yaver, İsmet Başer, Latif Cinkiliç
[PDF (343 K)](file:///I%3A%5C12%5C20.pdf)

21
Synthesis and characterization of new fluorinated tetrazines displaying a high fluorescence yield
Dyes and Pigments, Volume 108, September 2014, Pages 64-69
Radhia Ben Châabane, Refka Guermazi, Gilles Clavier, Pierre Audebert, Ahmed Hedhli
[PDF (1451 K)](file:///I%3A%5C12%5C21.pdf)

22
p-Toluenesulfonic acid-catalyzed one-pot synthesis of 2-amino-4-substituted-1,4-dihydrobenzo[4,5]imidazolo[1,2-a]pyrimidine-3-carbonitriles under neat conditions
Comptes Rendus Chimie, Volume 17, Issue 5, May 2014, Pages 484-489
Mudumala Veeranarayana Reddy, Jeongsu Oh, Yeon Tae Jeong
[PDF (469 K)](file:///I%3A%5C12%5C22.pdf)

23
Characterization and comparison of bioactive polysaccharides from the tubers of Gymnadenia conopsea
Food Hydrocolloids, Volume 43, January 2015, Pages 199-206
Peng-Cheng Lin, Ding-Tao Wu, Jing Xie, Jing Zhao, Shao-Ping Li
[PDF (1848 K)](file:///I%3A%5C12%5C23.pdf)

24
Phase equilibrium data of guaçatonga (Casearia sylvestris) extract + ethanol + CO2 system and encapsulation using a supercritical anti-solvent process
The Journal of Supercritical Fluids, Volume 93, September 2014, Pages 103-111
Patrícia Benelli, Sibele R. Rosso Comim, J. Vladimir Oliveira, Rozangela C. Pedrosa, Sandra R.S. Ferreira
[PDF (1636 K)](file:///I%3A%5C12%5C24.pdf)

25
Cytotoxicity and inhibition of nitric oxide syntheses in LPS induced macrophage by water soluble fractions of brown seaweed
Food Hydrocolloids, Volume 42, Part 2, 15 December 2014, Pages 269-274
Hammed Ademola Monsur, Irwandi Jaswir, Senay Simsek, Azura Amid, Zahangir Alam, Asiyanbi-Hammed Tawakalit
[PDF (683 K)](file:///I%3A%5C12%5C25.pdf)

26
Synthesis and characterization of new transition metal {Cu(II), Ni(II) and Co(II)} l-phenylalanine–DACH conjugate complexes: In vitro DNA binding, cleavage and molecular docking studies
Journal of Photochemistry and Photobiology B: Biology, Volume 136, 5 July 2014, Pages 1-11
Manal Shamsi, Shipra Yadav, Farukh Arjmand
[PDF (2144 K)](file:///I%3A%5C12%5C26.pdf)

27
Syntheses, structural elucidation, thermal properties, theoretical quantum chemical studies (DFT) and biological studies of barbituric–hydrazone complexes
Journal of Saudi Chemical Society, In Press, Corrected Proof, Available online 24 May 2014
Amina A. Soayed, Heba M. Refaat, Leena Sinha
[PDF (1625 K)](file:///I%3A%5C12%5C27.pdf)

28
Synthesis, characterization, DNA-binding studies and acetylcholinesterase inhibition activity of new 3-formyl chromone derivatives
Journal of Photochemistry and Photobiology B: Biology, Volume 130, 5 January 2014, Pages 179-187
Mehtab Parveen, Ali Mohammed Malla, Zahid Yaseen, Akhtar Ali, Mahboob Alam
[PDF (1294 K)](file:///I%3A%5C12%5C28.pdf)
29

Synthesis and characterization of Schiff base octaazamacrocyclic complexes and their biological studies
Journal of Photochemistry and Photobiology B: Biology, In Press, Accepted Manuscript, Available online 24 October 2014
Hina Zafar, Abdul Kareem, Asif Sherwani, Owais Mohammad, Mohammad Azam Ansari, Haris M. Khan, Tahir Ali Khan
[PDF (4725 K)](file:///I%3A%5C12%5C29.pdf)

30

Processing-induced salt formation of two oxicams in solid dosage forms affects dissolution behavior and chemical degradation
Powder Technology, Volume 266, November 2014, Pages 175-182
Niels Peter Aae Christensen, Søren Nielsen, Jukka Rantanen, Claus Cornett, Poul Bertelsen
[PDF (750 K)](file:///I%3A%5C12%5C30.pdf)
31

Hydrocolloid-based nutraceutical delivery systems: Effect of counter-ions on the encapsulation and release
Food Hydrocolloids, Volume 43, January 2015, Pages 658-663
Patrick J. Polowsky, Srinivas Janaswamy
[PDF (1339 K)](file:///I%3A%5C12%5C31.pdf)

32
One-pot preparation of N,N′-alkylidene bisamide derivatives catalyzed by silica supported polyphosphoric acid (SiO2-PPA)
Journal of Saudi Chemical Society, Volume 18, Issue 2, April 2014, Pages 115-119
Mohammad Reza Mohammad Shafiee
[PDF (618 K)](file:///I%3A%5C12%5C32.pdf)
33

Synthesis and evaluation of novel ureido/thioureido derivatives of amino acid conjugated 2,3-dichlorophenyl piperazine as highly potent antiglycating agents
Journal of Saudi Chemical Society, In Press, Corrected Proof, Available online 12 March 2014
D.M. Suyoga Vardhan, C.S. Shantharam, R. Suhas, D. Channe Gowda
[PDF (1471 K)](file:///I%3A%5C12%5C33.pdf)

34
UVA generated free radicals in irinotecan (CPT-11) in the presence of copper ions
Journal of Photochemistry and Photobiology A: Chemistry, Volume 290, 15 September 2014, Pages 125-138
Miroslava Bobeničová, Marián Valko, Vlasta Brezová, Dana Dvoranová
[PDF (2053 K)](file:///I%3A%5C12%5C34.pdf)
35

Recyclable CuS quantum dots as heterogeneous catalyst for Biginelli reaction under solvent free conditions
Chemical Engineering Journal, Volume 243, 1 May 2014, Pages 217-224
Ganga Ram Chaudhary, Pratibha Bansal, S.K. Mehta
[PDF (1145 K)](file:///I%3A%5C12%5C35.pdf)
36

Homogeneous preparation of polyamidoamine grafted silica gels and their adsorption properties as Au3+ adsorbents
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 6, 25 November 2014, Pages 4382-4392
Rongjun Qu, Xilu Ma, Minghua Wang, Changmei Sun, Xiaomei Sun, Shaoying Sun, Ying Zhang, Ping Yin
[PDF (1658 K)](file:///I%3A%5C12%5C36.pdf)

37
Integrating medicinal plants extraction into a high-value biorefinery: An example of Artemisia annua L.
Comptes Rendus Chimie, Volume 17, Issue 3, March 2014, Pages 232-241
Alexei Lapkin, Eba Adou, Benhilda N. Mlambo, Smain Chemat, John Suberu, Alana E.C. Collis, Andrew Clark, Guy Barker
[PDF (1478 K)](file:///I%3A%5C12%5C37.pdf)
38

A simple, rapid and green method based on pulsed potentiostatic electrodeposition of reduced graphene oxide on glass carbon electrode for sensitive voltammetric detection of sophoridine
Electrochimica Acta, Volume 141, 20 September 2014, Pages 82-88
Fei Wang, Yanju Wu, Kui Lu, Lin Gao, Baoxian Ye
[PDF (2149 K)](file:///I%3A%5C12%5C38.pdf)

39
Determination and correlation of solubility of tylosin tartrate in alcohol mixtures
The Journal of Chemical Thermodynamics, Volume 80, January 2015, Pages 128-134
Yanmin Shen, Zhenfeng Liu, Tao Li, Baozeng Ren
[PDF (454 K)](file:///I%3A%5C12%5C39.pdf)
40

Synthesis, spectral, structural analysis and biological evaluation of a new hydrogen-bonded charge-transfer complex: 2,3-Dimethylquinoxalinium-p-toluenesulfonate
Journal of Photochemistry and Photobiology B: Biology, Volume 140, November 2014, Pages 20-27
Venkatesan Murugesan, Munusamy Saravanabhavan, Marimuthu Sekar
[PDF (1016 K)](file:///I%3A%5C12%5C40.pdf)

41
Integral Mastocarpus stellatus use for antioxidant edible film development
Food Hydrocolloids, Volume 40, October 2014, Pages 128-137
N. Blanco-Pascual, M.C. Gómez-Guillén, M.P. Montero
[PDF (1056 K)](file:///I%3A%5C12%5C41.pdf)

42
Surface chemistry of cerium oxide nanocubes: Toxicity against pathogenic bacteria and their mechanistic study
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 5, 25 September 2014, Pages 3513-3517
Karthikeyan Krishnamoorthy, Murugan Veerapandian, Ling-He Zhang, Kyusik Yun, Sang Jae Kim
[PDF (932 K)](file:///I%3A%5C12%5C42.pdf)
43

Study of kinetics of the d-pinitol extraction from carob pods using supercritical CO2
The Journal of Supercritical Fluids, Volume 94, October 2014, Pages 212-215
A. Cháfer, A. Berna
[PDF (492 K)](file:///I%3A%5C12%5C43.pdf)

44
Thermo-acoustical analysis of sodium dodecyl sulfate: Fluconazole (antifungal drug) based micellar system in hydro-ethanol solutions for potential drug topical application
The Journal of Chemical Thermodynamics, Volume 78, November 2014, Pages 1-6
Tarun Bhardwaj, Varun Bhardwaj, Kundan Sharma, Abhishek Gupta, Swaranjit Singh Cameotra, Poonam Sharma
[PDF (803 K)](file:///I%3A%5C12%5C44.pdf)
45

Synthesis, biological, anti-inflammatory activities and quantum chemical calculation of some [4-(2, 4, 6-trimethylphenyl)-1(2H)-oxo-phthalazin-2yl] acetic acid hydrazide derivatives
Dyes and Pigments, Volume 113, February 2015, Pages 357-371
Ibrahim E. El-Shamy, A.M. Abdel-Mohsen, Amer A. Alsheikh, Moustafa M.G. Fouda, Salem S. Al-Deyab, Maher A. El-Hashash, J. Jancar
[PDF (1732 K)](file:///I%3A%5C12%5C45.pdf)
46

Extraction, fractionation and characterization of water-soluble polysaccharide fractions from myrtle (Myrtus communis L.) fruit
Food Hydrocolloids, Volume 35, March 2014, Pages 733-739
Amina Chidouh, Saoudi Aouadi, Alain Heyraud
[PDF (961 K)](file:///I%3A%5C12%5C46.pdf)

47
Synthesis, spectroscopic characterization, electrochemistry and biological activity evaluation of some metal (II) complexes with ONO donor ligands containing indole and coumarin moieties
Journal of Saudi Chemical Society, In Press, Corrected Proof, Available online 23 January 2014
Karekal Mahendra raj, Bennikallu Hire Mathada Mruthyunjayaswamy
[PDF (2463 K)](file:///I%3A%5C12%5C47.pdf)

48
Synthesis, structure, DNA/BSA interaction and in vitro cytotoxic activity of nickel(II) complexes derived from S-allyldithiocarbazate
Journal of Photochemistry and Photobiology B: Biology, In Press, Accepted Manuscript, Available online 25 October 2014
Nanjan Nanjundan, Ponnusamy Selvakumar, Ramaswamy Narayanasamy, Rosenani A. Haque, Krishnaswamy Velmurugan, Raju Nandhakumar, Tamilselvan Silambarasan, Ramamurthy Dhandapani
[PDF (1287 K)](file:///I%3A%5C12%5C48.pdf)

49
Synthesis and biological evaluation of new BSH-conjugated chlorin derivatives as agents for both photodynamic therapy and boron neutron capture therapy of cancer
Journal of Photochemistry and Photobiology B: Biology, Volume 140, November 2014, Pages 140-149
Ryuji Asano, Amon Nagami, Yuki Fukumoto, Kaori Miura, Futoshi Yazama, Hideyuki Ito, Isao Sakata, Akihiro Tai
[PDF (1062 K)](file:///I%3A%5C12%5C49.pdf)

50
Studying the structure of β-casein-depleted bovine casein micelles using electron microscopy and fluorescent polyphenols
Food Hydrocolloids, Volume 42, Part 1, 15 December 2014, Pages 171-177
Saeed Yahimi Yazdi, Milena Corredig, Douglas G. Dalgleish
[PDF (832 K)](file:///I%3A%5C12%5C50.pdf)

51
DABCO promoted one-pot synthesis of dihydropyrano(c)chromene and pyrano[2,3-d]pyrimidine derivatives and their biological activities
Journal of Saudi Chemical Society, Volume 18, Issue 5, November 2014, Pages 535-540
Shubha Jain, Pradeep K. Paliwal, G. Neelaiah Babu, Anjna Bhatewara
[PDF (535 K)](file:///I%3A%5C12%5C51.pdf)

52
Deposition of WO3 on Al2O3 via a microwave hydrothermal method to prepare highly dispersed W/Al2O3 hydrodesulfurization catalyst
Fuel, Volume 136, 15 November 2014, Pages 185-193
Hao Wang, Yan Wu, Zhenwei Liu, Li He, Zhenyu Yao, Wanying Zhao
[PDF (1141 K)](file:///I%3A%5C12%5C52.pdf)

53
Transcriptome responses involved in artemisinin production in Artemisia annua L. under UV-B radiation
Journal of Photochemistry and Photobiology B: Biology, Volume 140, November 2014, Pages 292-300
Wei Song Pan, Li Ping Zheng, Hao Tian, Wan Yi Li, Jian Wen Wang
[PDF (907 K)](file:///I%3A%5C12%5C53.pdf)
54

Corrosion inhibition of mild steel in hydrochloric acid by some pyridine derivatives: An Experimental and Quantum chemical Study
Journal of Industrial and Engineering Chemistry, In Press, Accepted Manuscript, Available online 27 October 2014
K.R. Ansari, M.A. Quraishi, Ambrish Singh
[PDF (939 K)](file:///I%3A%5C12%5C53.pdf)
55

Pressurized fluid systems: Phytochemical production from biomass
The Journal of Supercritical Fluids, In Press, Corrected Proof, Available online 2 October 2014
Marleny D.A. Saldaña, Carla S. Valdivieso-Ramírez
[PDF (2896 K)](file:///I%3A%5C12%5C55.pdf)
56

Targeting the Akt1 allosteric site to identify novel scaffolds through virtual screening
Computational Biology and Chemistry, Volume 48, February 2014, Pages 1-13
Oya Gursoy Yilmaz, Elif Ozkirimli Olmez, Kutlu O. Ulgen
[PDF (2642 K)](file:///I%3A%5C12%5C56.pdf)
57

Ecological catalysis and phytoextraction: Symbiosis for future
Applied Catalysis B: Environmental, Volume 146, March 2014, Pages 279-288
Vincent Escande, Laetitia Garoux, Claire Grison, Yann Thillier, Françoise Debart, Jean-Jacques Vasseur, Clothilde Boulanger, Claude Grison
[PDF (2211 K)](file:///I%3A%5C12%5C57.pdf)
58

Systematic optimization of an SPE with HPLC-FLD method for fluoroquinolone detection in wastewater
Journal of Hazardous Materials, In Press, Corrected Proof, Available online 27 August 2014
Ke He, Lee Blaney
[PDF (2345 K)](file:///I%3A%5C12%5C58.pdf)

59
Physicochemical characterization of a new cocrystal of ketoconazole
Powder Technology, Volume 262, August 2014, Pages 242-248
Ali Shayanfar, Abolghasem Jouyban
[PDF (475 K)](file:///I%3A%5C12%5C59.pdf)
60

Separation and preconcentration of lead, chromium and copper by using with the combination coprecipitation-flame atomic absorption spectrometric determination
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 3, 25 May 2014, Pages 1030-1034
Zekeriyya Bahadır, Volkan Numan Bulut, Duygu Ozdes, Celal Duran, Hakan Bektas, Mustafa Soylak
[PDF (506 K)](file:///I%3A%5C12%5C60.pdf)
61

Synthesis, characterization and crystal structure of cobalt(III) complexes containing 2-acetylpyridine thiosemicarbazones: DNA/protein interaction, radical scavenging and cytotoxic activities
Journal of Photochemistry and Photobiology B: Biology, Volume 130, 5 January 2014, Pages 205-216
Rajendran Manikandan, Periasamy Viswanathamurthi, Krishnaswamy Velmurugan, Raju Nandhakumar, Takeshi Hashimoto, Akira Endo
[PDF (2067 K)](file:///I%3A%5C12%5C61.pdf)

62
Hierarchical closeness efficiently predicts disease genes in a directed signaling network
Computational Biology and Chemistry, In Press, Accepted Manuscript, Available online 19 September 2014
Tien-Dzung Tran, Yung-Keun Kwon
[PDF (904 K)](file:///I%3A%5C12%5C62.pdf)

63
Engineered drug-protein nanoparticle complexes for folate receptor targeting
Biochemical Engineering Journal, Volume 89, 15 August 2014, Pages 33-41
Dongmei Ren, Felix Kratz, Szu-Wen Wang
[PDF (1872 K)](file:///I%3A%5C12%5C63.pdf)
64

Synthesis of amidoalkyl naphthols by nano-Fe3O4 modified carbon nanotubes via a multicomponent strategy in the presence of microwaves
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 4, 25 July 2014, Pages 2292-2297
Javad Safari, Zohre Zarnegar
[PDF (1056 K)](file:///I%3A%5C12%5C64.pdf)
65

Green synthesis of bacterial gold nanoparticles conjugated to resveratrol as delivery vehicles
Colloids and Surfaces B: Biointerfaces, In Press, Corrected Proof, Available online 30 September 2014
C. Ganesh Kumar, Y. Poornachandra, Suman Kumar Mamidyala
[PDF (1861 K)](file:///I%3A%5C12%5C65.pdf)
66

Antioxidant activities and phenolics of fermented Bletilla formosana with eight plant pathogen fungi
Journal of Bioscience and Bioengineering, Volume 118, Issue 4, October 2014, Pages 396-399
Jianwei Dong, Lixing Zhao, Le Cai, Haixian Fang, Xiuhua Chen, Zhongtao Ding
[PDF (470 K)](file:///I%3A%5C12%5C66.pdf)
67

Improving the antioxidant and antibacterial activities of fermented Bletilla striata with Fusarium avenaceum and Fusarium oxysporum
Process Biochemistry, In Press, Accepted Manuscript, Available online 19 September 2014
Jian-Wei Dong, Le Cai, Jie Xiong, Xiu-Hua Chen, Wei-Ying Wang, Ni Shen, Bei-Lei Liu, Zhong-Tao Ding
[PDF (635 K)](file:///I%3A%5C12%5C67.pdf)
68

Sequential extraction of bioactive compounds from Melia azedarach L. in fixed bed extractor using CO2, ethanol and water
The Journal of Supercritical Fluids, Volume 95, November 2014, Pages 355-363
Raphaela G. Bitencourt, Carmen L. Queiroga, Gustavo H.B. Duarte, Marcos N. Eberlin, Luciana K. Kohn, Clarice W. Arns, Fernando A. Cabral
[PDF (1269 K)](file:///I%3A%5C12%5C68.pdf)

69
Seed oil from Harmal (Rhazya stricta Decne) grown in Riyadh (Saudi Arabia): A potential source of δ-tocopherol
Journal of Saudi Chemical Society, In Press, Corrected Proof, Available online 28 September 2014
Imededdine Arbi Nehdi, Hassen Mohamed Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes
[PDF (569 K)](file:///I%3A%5C12%5C69.pdf)
70

Funorans from Gloiopeltis species. Part I. Extraction and structural characteristics
Food Hydrocolloids, Volume 43, January 2015, Pages 481-492
Rando Tuvikene, Marju Robal, Daisuke Fujita, Kadri Saluri, Kalle Truus, Yuri Tashiro, Hiroo Ogawa, Shingo Matsukawa
[PDF (2124 K)](file:///I%3A%5C12%5C70.pdf)
71

Evaluation of three traditional Chinese medicine (TCM) starches and potential application in health product industry
Food Hydrocolloids, Volume 40, October 2014, Pages 196-202
Xia Li, Yuzhuo Xia, Wenyuan Gao, Qianqian Jiang, Huimin Guo, Jingguo Cao, Luqi Huang, Peigen Xiao
[PDF (1341 K)](file:///I%3A%5C12%5C71.pdf)
72

Promising antimicrobial and antioxidant extracts of Murta leaves (Ugni molinae Turcz): Shelf-life extension and food safety
Food Packaging and Shelf Life, Volume 1, Issue 1, March 2014, Pages 77-85
C. Hauser, A. Peñaloza, F. Rodríguez, A. Guarda, M.J. Galotto
[PDF (631 K)](file:///I%3A%5C12%5C72.pdf)
73

Extraction of antioxidant compounds from blackberry (Rubus sp.) bagasse using supercritical CO2 assisted by ultrasound
The Journal of Supercritical Fluids, Volume 94, October 2014, Pages 223-233
José Luis Pasquel Reátegui, Ana Paula da Fonseca Machado, Gerardo F. Barbero, Camila A. Rezende, Julian Martínez
[PDF (1804 K)](file:///I%3A%5C12%5C73.pdf)

74
Design, synthesis and molecular docking study of thienopyrimidin-4(3H)-thiones as antifungal agents
Journal of Saudi Chemical Society, In Press, Corrected Proof, Available online 12 March 2014
Sanjay B. Bari, Nitin G. Haswani
[PDF (1219 K)](file:///I%3A%5C12%5C74.pdf)
75

STRUCTURAL STABILITY OF COLD-ADAPTED SERINE HYDROXYMETHYLTRANSFERASE, A TOOL FOR β-HYDROXY-α-AMINO ACID BIOSYNTHESIS
Journal of Molecular Catalysis B: Enzymatic, In Press, Accepted Manuscript, Available online 23 October 2014
Sebastiana Angelaccio, Martino Luigi di Salvo, Alessia Parroni, Angela Di Bello, Roberto Contestabile, Stefano Pascarella.
[PDF (331 K)](file:///I%3A%5C12%5C75.pdf)

76
Highly luminescent Tb(III) macrocyclic complex based on a DO3A hosting unit and an appended carboxylated N,C-pyrazolylpyridine antenna
Journal of Photochemistry and Photobiology A: Chemistry, Volume 274, 30 January 2014, Pages 124-132
Isabelle Nasso, Neri Geum, Ghassan Bechara, Béatrice Mestre-Voegtlé, Chantal Galaup, Claude Picard
[PDF (988 K)](file:///I%3A%5C12%5C76.pdf)
77

Key role of temperature monitoring in interpretation of microwave effect on transesterification and esterification reactions for biodiesel production
Bioresource Technology, Volume 161, June 2014, Pages 270-279
Alex Mazubert, Cameron Taylor, Joelle Aubin, Martine Poux
[PDF (919 K)](file:///I%3A%5C12%5C77.pdf)

78
Surface engineered nano structured lipid carriers for targeting MDR tumor: Part I. Synthesis, characterization and in-vitro investigation
Colloids and Surfaces B: Biointerfaces, In Press, Accepted Manuscript, Available online 27 October 2014
Lalit Mohan Negi, Sushama Talegaonkar, Manu Jaggi, Anita Kamra Verma, Ritu Verma, Sheetal Dobhal, Vijay Kumar
[PDF (1341 K)](file:///I%3A%5C12%5C78.pdf)

79
The effect of O-methylated flavonoids and other co-metabolites on the crystallization and purification of artemisinin
Journal of Biotechnology, Volume 171, 10 February 2014, Pages 25-33
John O. Suberu, Peyman Yamin, Kai Leonhard, Lijiang Song, Smain Chemat, Neil Sullivan, Guy Barker, Alexei A. Lapkin
[PDF (917 K)](file:///I%3A%5C12%5C79.pdf)
80

Obtaining phenolic compounds from jatoba (Hymenaea courbaril L.) bark by supercritical fluid extraction
The Journal of Supercritical Fluids, Volume 89, May 2014, Pages 68-77
Priscilla C. Veggi, Juliana M. Prado, Giovana A. Bataglion, Marcos N. Eberlin, M. Angela A. Meireles
[PDF (1052 K)](file:///I%3A%5C12%5C80.pdf)

81
Polymer-supported IBX amide for mild and efficient oxidation reactions
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 1, 25 January 2014, Pages 29-36
Hyung-Seok Jang, Yo-Han Kim, Young-O Kim, Sang-Myung Lee, Jung Won Kim, Woo-Jae Chung, Yoon-Sik Lee
[PDF (1502 K)](file:///I%3A%5C12%5C81.pdf)
82

Fast activation of natural biomasses by microwave heating
Journal of Industrial and Engineering Chemistry, In Press, Corrected Proof, Available online 25 February 2014
Ayman A. Issa, Yahya S. Al-Degs, Kholoud Mashal, Ramia Z. Al Bakain
[PDF (1240 K)](file:///I%3A%5C12%5C82.pdf)
83

Bis-Schiff bases of isatin as new and environmentally benign corrosion inhibitor for mild steel
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 5, 25 September 2014, Pages 2819-2829
K.R. Ansari, M.A. Quraishi
[PDF (2818 K)](file:///I%3A%5C12%5C83.pdf)
84

Utilization of sky fruit husk agricultural waste to produce high quality activated carbon for the herbicide bentazon adsorption
Chemical Engineering Journal, Volume 251, 1 September 2014, Pages 183-191
V.O. Njoku, Md. Azharul Islam, M. Asif, B.H. Hameed
[PDF (1058 K)](file:///I%3A%5C12%5C84.pdf)
85

A non-conventional method to extract D-limonene from waste lemon peels and comparison with traditional Soxhlet extraction
Separation and Purification Technology, Volume 137, 24 November 2014, Pages 13-20
Catia Giovanna Lopresto, Francesca Petrillo, Alessandro Alberto Casazza, Bahar Aliakbarian, Patrizia Perego, Vincenza Calabrò
[PDF (559 K)](file:///I%3A%5C12%5C85.pdf)
86

Development of functional biointerfaces by surface modification of polydimethylsiloxane with bioactive chlorogenic acid
Colloids and Surfaces B: Biointerfaces, Volume 116, 1 April 2014, Pages 700-706
Ming Wu, Jia He, Xiao Ren, Wen-Sheng Cai, Yong-Chun Fang, Xi-Zeng Feng
[PDF (1463 K)](file:///I%3A%5C12%5C86.pdf)
87

Convenient enzymatic resolution of cis-6-benzyltetrahydro- 1H-pyrrolo[3,4-b]pyridine-5,7(6H,7aH)-dione using lipase to prepare the intermediate of moxifloxacin
Journal of Molecular Catalysis B: Enzymatic, In Press, Accepted Manuscript, Available online 24 October 2014
Yuanyuan Li, Anming Wang, Yingqiang Shen, Pengfei Zhang
[PDF (305 K)](file:///I%3A%5C12%5C87.pdf)

88
Preparation and application of sunset yellow imprinted ionic liquid polymer − ionic liquid functionalized graphene composite film coated glassy carbon electrodes
Electrochimica Acta, Volume 115, 1 January 2014, Pages 247-254
Lijuan Zhao, Faqiong Zhao, Baizhao Zeng
[PDF (3234 K)](file:///I%3A%5C12%5C88.pdf)
89

Determination of the speed of sound in ionic liquids using a least squares support vector machine group contribution method
Fluid Phase Equilibria, Volume 367, 15 April 2014, Pages 188-193
Mehdi Sattari, Farhad Gharagheizi, Poorandokht Ilani-Kashkouli, Amir H. Mohammadi, Deresh Ramjugernath
[PDF (527 K)](file:///I%3A%5C12%5C89.pdf)

90
Pharmacophore modeling, drug design and virtual screening on multi-targeting procognitive agents approaching histaminergic pathways
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 16 October 2014
Katarina Nikolic, Danica Agbaba, Holger Stark
[PDF (2794 K)](file:///I%3A%5C12%5C90.pdf)

91
DNA electrochemical biosensor for metallic drugs at physiological conditions
Journal of Electroanalytical Chemistry, Volume 731, 1 October 2014, Pages 139-144
Angel J. Santiago-Lopez, José L. Vera, Enrique Meléndez
[PDF (1822 K)](file:///I%3A%5C12%5C91.pdf)
92

Eco-efficiency analysis as a reaction-engineering tool—Case study of a laccase-initiated oxidative C–N coupling
Journal of Molecular Catalysis B: Enzymatic, Volume 102, April 2014, Pages 106-114
Sabine Illner, Regina Plagemann, Peter Saling, Udo Kragl
[PDF (1430 K)](file:///I%3A%5C12%5C92.pdf)
93

The development of electrochemical assays for microRNAs
Electrochimica Acta, Volume 126, 20 April 2014, Pages 19-30
Alan Kay Liang Teo, Cai Le Lim, Zhiqiang Gao
[PDF (2529 K)](file:///I%3A%5C12%5C93.pdf)

94
Surface properties of CNTs and their interaction with silica
Journal of Colloid and Interface Science, Volume 413, 1 January 2014, Pages 43-53
Anastasia Sobolkina, Viktor Mechtcherine, Cornelia Bellmann, Vyacheslav Khavrus, Steffen Oswald, Silke Hampel, Albrecht Leonhardt
[PDF (2756 K)](file:///I%3A%5C12%5C94.pdf)
95

Synthesis, thermodynamic properties and BSA interaction of a new Valen Shiff base derived from o-vanillin and trimethoprim
Thermochimica Acta, Volume 575, 10 January 2014, Pages 291-299
Xu Li, Jian-Hong Jiang, Sheng-Xiong Xiao, Hui-Wen Gu, Chuan-Hua Li, Li-Juan Ye, Xia Li, Du-Gui He, Fei-Hong Yao, Qiang-Guo Li
[PDF (922 K)](file:///I%3A%5C12%5C95.pdf)

96
Biodegradation of sulfamethoxazole and other sulfonamides by Achromobacter denitrificans PR1
Journal of Hazardous Materials, Volume 280, 15 September 2014, Pages 741-749
Patrícia J.M. Reis, Ana C. Reis, Benjamin Ricken, Boris A. Kolvenbach, Célia M. Manaia, Philippe F.X. Corvini, Olga C. Nunes
[PDF (1139 K)](file:///I%3A%5C12%5C96.pdf)
97

Structural characterisation and DFT calculations of three new complexes of zinc phthalocyanine with n-alkylamines
Dyes and Pigments, Volume 100, January 2014, Pages 247-254
Bartosz Przybył, Jan Janczak
[PDF (2231 K)](file:///I%3A%5C12%5C97.pdf)

98
Solvent-free aminolysis of aliphatic and aryloxy epoxides with sulfated zirconia as solid acid catalyst
Applied Catalysis A: General, Volume 486, 22 September 2014, Pages 105-114
Arpan K. Shah, Manish Kumar, Sayed H.R. Abdi, Rukhsana I. Kureshy, Noor-ul H. Khan, Hari C. Bajaj
[PDF (5928 K)](file:///I%3A%5C12%5C98.pdf)

99
CuInS2 nanostructures: Synthesis, characterization, formation mechanism and solar cell applications
Journal of Industrial and Engineering Chemistry, Volume 20, Issue 5, 25 September 2014, Pages 3800-3807
S.M. Hosseinpour-Mashkani, M. Salavati-Niasari, F. Mohandes
[PDF (9393 K)](file:///I%3A%5C12%5C99.pdf)
100

Density and sound speed study of hydration of 1-butyl-3-methylimidazolium based amino acid ionic liquids in aqueous solutions
The Journal of Chemical Thermodynamics, Volume 79, December 2014, Pages 192-204
Dilip H. Dagade, Sandeep P. Shinde, Kavita R. Madkar, Seema S. Barge
[PDF (786 K)](file:///I%3A%5C12%5C100.pdf)