**Synthetic fibre waste**

1

Separation of medicinal catechins from tea leaves (Camellia sinensis) extract using hollow fiber supported liquid membrane (HF-SLM) module  
Journal of Membrane Science, Volume 471, 1 December 2014, Pages 219-226  
Mriganka Sekhar Manna, Prabirkumar Saha, Aloke Kumar Ghoshal  
[PDF (852 K)](file:///I:\3\1.pdf)  
2  
  
Effect of accelerated carbonation on the microstructure and physical properties of hybrid fiber-cement composites  
Minerals Engineering, Volume 59, May 2014, Pages 101-106  
V.D. Pizzol, L.M. Mendes, L. Frezzatti, H. Savastano Jr., G.H.D. Tonoli  
[PDF (1452 K)](file:///I:\3\2.pdf)  
  
3  
Treatment of gray water using anaerobic biofilms created on synthetic and natural fibers  
Process Safety and Environmental Protection, Volume 92, Issue 2, March 2014, Pages 186-192  
H.N. Chanakya, Himanshu Kumar Khuntia  
[PDF (1819 K)](file:///I:\3\3.pdf)  
  
4  
Preparation of polyethersulfone/plant-waste-particles mixed matrix membranes for adsorptive removal of cationic dyes from water  
Journal of Membrane Science, Volume 471, 1 December 2014, Pages 285-298  
Chia-Hao Lin, Chin-Hau Gung, Jia-Jun Sun, Shing-Yi Suen  
[PDF (1746 K)](file:///I:\3\4.pdf)  
5  
  
Two phase partitioning membrane bioreactor: A novel biotechnique for the removal of dimethyl sulphide, n-hexane and toluene from waste air  
Chemical Engineering Journal, Volume 256, 15 November 2014, Pages 160-168  
Diëgo Volckaert, Sander Wuytens, Herman Van Langenhove  
[PDF (1785 K)](file:///I:\3\5.pdf)  
6  
  
Dyeing of PET/co-PP composite fibers using supercritical carbon dioxide  
Dyes and Pigments, Volume 105, June 2014, Pages 163-166  
T. Hori, A. Kongdee  
[PDF (572 K)](file:///I:\3\6.pdf)  
  
7  
Spherical cellulose nanoparticles preparation from waste cotton using a green method  
Powder Technology, Volume 261, July 2014, Pages 232-240  
Tayebeh Fattahi Meyabadi, Fatemeh Dadashian, Gity Mir Mohamad Sadeghi, Hamid Ebrahimi Zanjani Asl  
[PDF (1436 K)](file:///I:\3\7.pdf)  
8  
  
Treatment of highly concentrated wastewater containing multiple synthetic dyes by a combined process of coagulation/flocculation and nanofiltration  
Journal of Membrane Science, Volume 469, 1 November 2014, Pages 306-315  
Can-Zeng Liang, Shi-Peng Sun, Fu-Yun Li, Yee-Kang Ong, Tai-Shung Chung  
[PDF (797 K)](file:///I:\3\8.pdf)  
9  
  
Comparative study of industrial and laboratory prepared purified terephthalic acid (PTA) waste water with electro-coagulation process  
Separation and Purification Technology, Volume 128, 13 May 2014, Pages 80-88  
Krishan Kishor Garg, Basheshwar Prasad, Vimal Chandra Srivastava  
[PDF (3319 K)](file:///I:\3\9.pdf)  
10  
  
The antibacterial activity and mechanism of mussel shell waste derived material  
Powder Technology, Volume 264, September 2014, Pages 577-582  
Mei Li, Zhitong T. Yao, Tao Chen, Zhanghua H. Lou, Meisheng Xia  
[PDF (1093 K)](file:///I:\3\10.pdf)  
  
11  
Adsorption of anionic MO or cationic MB from MO/MB mixture using polyacrylonitrile fiber hydrothermally treated with hyperbranched polyethylenimine  
Journal of Hazardous Materials, Volume 283, January 2015, Pages 321-328  
You Fan, Hua-Ji Liu, Yao Zhang, Yu Chen  
[PDF (1567 K)](file:///I:\3\11.pdf)  
12  
  
Pineapple leaf/recycled disposable chopstick hybrid fiber-reinforced biodegradable composites  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 4, July 2014, Pages 2039-2046  
Yeng-Fong Shih, Wen-Chieh Chang, Wei-Chen Liu, Chuan-Chen Lee, Ching-San Kuan, Yi-Hsiuan Yu  
[PDF (1586 K)](file:///I:\3\12.pdf)  
13  
  
Typical lignocellulosic wastes and by-products for biosorption process in water and wastewater treatment: A critical review  
Bioresource Technology, Volume 160, May 2014, Pages 57-66  
A. Abdolali, W.S. Guo, H.H. Ngo, S.S. Chen, N.C. Nguyen, K.L. Tung  
[PDF (454 K)](file:///I:\3\13.pdf)  
  
14  
Evaluation of the biosorption potential of a novel Caryota urens inflorescence waste biomass for the removal of hexavalent chromium from aqueous solutions  
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 23 October 2014  
S. Rangabhashiyam, N. Selvaraju  
[PDF (1748 K)](file:///I:\3\14.pdf)  
  
15  
Modeling isotherms, kinetics and understanding the mechanism of phosphate adsorption onto a solid waste: Ground burnt patties  
Journal of Environmental Chemical Engineering, Volume 2, Issue 3, September 2014, Pages 1331-1342  
Prangya Ranjan Rout, Puspendu Bhunia, Rajesh Roshan Dash  
[PDF (1921 K)](file:///I:\3\15.pdf)  
  
16  
Use of micellar extraction and cloud point preconcentration for valorization of saponins from sisal (Agave sisalana) waste  
Food and Bioproducts Processing, In Press, Corrected Proof, Available online 21 July 2014  
Bernardo Dias Ribeiro, Daniel Weingart Barreto, Maria Alice Zarur Coelho  
[PDF (895 K)](file:///I:\3\16.pdf)  
17  
  
Regeneration of high-quality silk fibroin fiber by wet spinning from CaCl2–formic acid solvent  
Acta Biomaterialia, In Press, Uncorrected Proof, Available online 2 October 2014  
Feng Zhang, Qiang Lu, Xiaoxiao Yue, Baoqi Zuo, Mingde Qin, Fang Li, David L. Kaplan, Xueguang Zhang  
[PDF (1920 K)](file:///I:\3\17.pdf)  
  
18  
Removal of Aniline from Wastewater Using Hollow Fiber Renewal Liquid Membrane  
Chinese Journal of Chemical Engineering, In Press, Accepted Manuscript, Available online 28 September 2014  
Zhongqi Ren, Xinyan Zhu, Wei Liu, Wei Sun, Weidong Zhang, Junteng Liu  
[PDF (472 K)](file:///I:\3\18.pdf)  
  
19  
Effects of Sorbents on the Partitioning and Speciation of Cu during Municipal Solid Waste Incineration  
Chinese Journal of Chemical Engineering, In Press, Accepted Manuscript, Available online 21 September 2014  
Hui Zhou, Jin Sun, Aihong Meng, Qinghai Li, Yanguo Zhang  
[PDF (902 K)](file:///I:\3\19.pdf)  
  
20  
Evaluation of heavy metal ions removal from acidic waste water streams  
Chemical Engineering Journal, Volume 252, 15 September 2014, Pages 362-373  
P. Rudnicki, Z. Hubicki, D. Kołodyńska  
[PDF (2234 K)](file:///I:\3\20.pdf)  
  
21  
Pressure retarded osmosis dual-layer hollow fiber membranes developed by co-casting method and ammonium persulfate (APS) treatment  
Journal of Membrane Science, Volume 469, 1 November 2014, Pages 488-498  
Feng-Jiang Fu, Shi-Peng Sun, Sui Zhang, Tai-Shung Chung  
[PDF (1991 K)](file:///I:\3\21.pdf)  
22  
  
Rapid removal of Cr(VI) ions using quaternary ammonium fibers functioned by 2-(dimethylamino)ethyl methacrylate and modified with 1-bromoalkanes  
Chemical Engineering Journal, Volume 254, 15 October 2014, Pages 365-373  
Zhi-yun Kong, Jun-fu Wei, Yong-hua Li, Na-na Liu, Huan Zhang, Yue Zhang, Li Cui  
[PDF (1612 K)](file:///I:\3\22.pdf)  
23  
  
Study on mechanism and influential factors of the adsorption properties and regeneration of activated carbon fiber felt (ACFF) for Cr(VI) under electrochemical environment  
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 18 September 2014  
Lihui Huang, Jing Xue, Feng Jin, Shiji Zhou, Man Wang, Quan Liu, Lilong Huang  
[PDF (985 K)](file:///I:\3\23.pdf)  
24  
  
Sequential hydrolysis of waste newspaper and bioethanol production from the hydrolysate  
Bioresource Technology, Volume 167, September 2014, Pages 159-168  
Fang-Chen Wu, Shu-Sing Huang, Ing-Lung Shih  
[PDF (1662 K)](file:///I:\3\24.pdf)  
25  
  
Sub- and supercritical fluid technology applied to food waste processing  
The Journal of Supercritical Fluids, In Press, Corrected Proof, Available online 30 September 2014  
Juliane Viganó, Ana Paula da Fonseca Machado, Julian Martínez  
[PDF (2663 K)](file:///I:\3\25.pdf)  
26  
  
Gaseous organic emissions during air gasification of woody waste: effect of bed agglomeration/defluidization  
Fuel Processing Technology, Volume 128, December 2014, Pages 104-110  
Jia-Hong Kuo, Ming-Yen Wey, Yi-Hui Lian, Ukrit Samaksaman  
[PDF (526 K)](file:///I:\3\26.pdf)  
27  
  
Assessing enzymatic deinking for secondary fibers paper recycling in the presence of flexographic inks  
Chemical Engineering Journal, Volume 260, 15 January 2015, Pages 486-491  
Ursula Fillat, Laura I. de Eugenio, María Jesús Martínez  
[PDF (456 K)](file:///I:\3\27.pdf)  
28  
  
Adsorptive recovery of vanadium(V) from chromium(VI)-containing effluent by Zr(IV)-loaded orange juice residue  
Chemical Engineering Journal, Volume 248, 15 July 2014, Pages 79-88  
Qiaoyu Hu, Hari Paudyal, Junmei Zhao, Fang Huo, Katsutoshi Inoue, Huizhou Liu  
[PDF (916 K)](file:///I:\3\28.pdf)  
  
29  
Effect of ferrous metal presence on lead leaching in municipal waste incineration bottom ashes  
Journal of Hazardous Materials, Volume 283, January 2015, Pages 500-506  
Wesley N. Oehmig, Justin G. Roessler, Jianye Zhang, Timothy G. Townsend  
[PDF (877 K)](file:///I:\3\29.pdf)  
  
30  
A novel reuse method for waste printed circuit boards as catalyst for wastewater bearing pyridine degradation  
Chemical Engineering Journal, Volume 257, 1 December 2014, Pages 253-261  
Nan Li, Xuebin Lu, Shuting Zhang  
[PDF (1854 K)](file:///I:\3\30.pdf)  
  
31  
Performance evaluation of anaerobic hybrid reactors with different packing media for treating wastewater of mild alkali treated rice straw in ethanol fermentation process  
Bioresource Technology, Volume 152, January 2014, Pages 59-65  
Madhuri Narra, Velmurugan Balasubramanian, Himali Mehta, Garima Dixit, Datta Madamwar, Amita R. Shah  
[PDF (580 K)](file:///I:\3\31.pdf)  
32  
  
Enzymatic hydrolysis and characterization of waste lignocellulosic biomass produced after dye bioremediation under solid state fermentation  
Bioresource Technology, Volume 168, September 2014, Pages 136-141  
Pankajkumar R. Waghmare, Avinash A. Kadam, Ganesh D. Saratale, Sanjay P. Govindwar  
[PDF (1012 K)](file:///I:\3\32.pdf)  
33  
  
Changes in physical, chemical, and microbiological properties during the two-stage co-composting of green waste with spent mushroom compost and biochar  
Bioresource Technology, Volume 171, November 2014, Pages 274-284  
Lu Zhang, Xiangyang Sun  
[PDF (1807 K)](file:///I:\3\33.pdf)  
34  
  
Mineralization of reactive azo dyes present in simulated textile waste water using down flow microaerophilic fixed film bioreactor  
Bioresource Technology, In Press, Accepted Manuscript, Available online 20 October 2014  
Kshama Balapure, Nikhil Bhatt, Datta Madamwar  
[PDF (649 K)](file:///I:\3\34.pdf)  
35  
  
Effects of rhamnolipid and initial compost particle size on the two-stage composting of green waste  
Bioresource Technology, Volume 163, July 2014, Pages 112-122  
Lu Zhang, Xiangyang Sun  
[PDF (1940 K)](file:///I:\3\35.pdf)  
  
36  
Removal of cationic methylene blue and malachite green dyes from aqueous solution by waste materials of Daucus carota  
Journal of Saudi Chemical Society, Volume 18, Issue 3, July 2014, Pages 200-207  
Atul Kumar Kushwaha, Neha Gupta, M.C. Chattopadhyaya  
[PDF (1577 K)](file:///I:\3\36.pdf)  
37

Pyrolysis characteristics of GFRP (Glass Fiber Reinforced Plastic) under non-isothermal conditions  
Fuel, Volume 137, 1 December 2014, Pages 321-327  
Young Min Yun, Myung Won Seo, Geon Hoe Koo, Ho Won Ra, Sang Jun Yoon, Yong Ku Kim, Jae Goo Lee, Jae Ho Kim  
[PDF (1082 K)](file:///I:\3\37.pdf)  
38  
  
Oxidative scrubbing of DMS-containing waste gases by hypochlorite solution  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 2, March 2014, Pages 596-602  
Ching-Yi Wu, Ming-Shean Chou, Jun-Hong Lin  
[PDF (585 K)](file:///I:\3\38.pdf)  
  
39  
Zinc extraction with Ionquest 801 using pseudo-emulsion based hollow fibre strip dispersion technique  
Separation and Purification Technology, Volume 127, 30 April 2014, Pages 149-156  
Shiva Agarwal, M. Teresa A. Reis, M. Rosinda C. Ismael, Jorge M.R. Carvalho  
[PDF (822 K)](file:///I:\3\39.pdf)  
40  
  
Photocatalytic effects of wool fibers modified with solely TiO2 nanoparticles and N-doped TiO2 nanoparticles by using hydrothermal method  
Chemical Engineering Journal, Volume 254, 15 October 2014, Pages 106-114  
Hui Zhang, Zhenwei Yang, Xingtao Zhang, Ningtao Mao  
[PDF (881 K)](file:///I:\3\40.pdf)  
  
41  
Electro-separation of synthetic azo dyes from a simulated wastewater using polypyrrole/polyacrylonitrile conductive membranes  
Journal of Water Process Engineering, Volume 4, December 2014, Pages 6-11  
M. Karimi, M. Mohsen-Nia, A. Akbari  
[PDF (1253 K)](file:///I:\3\41.pdf)  
42  
  
Membrane crystallization for the recovery of a pharmaceutical compound from waste streams  
Chemical Engineering Research and Design, Volume 92, Issue 2, February 2014, Pages 264-272  
M. Brito Martínez, N. Jullok, Z. Rodríguez Negrín, B. Van der Bruggen, P. Luis  
[PDF (2084 K)](file:///I:\3\42.pdf)  
  
43  
Selective removal of Hg(II) with polyacrylonitrile-2-amino-1,3,4-thiadiazole chelating resin: Batch and column study  
Chemical Engineering Journal, Volume 259, 1 January 2015, Pages 257-265  
Chunhua Xiong, Yanli Li, Guotao Wang, Lei Fang, Suguo Zhou, Caiping Yao, Qing Chen, Xuming Zheng, Dongming Qi, Yaqin Fu, Yaofeng Zhu  
[PDF (1195 K)](file:///I:\3\43.pdf)  
44  
  
Flocculation of municipal wastewaters with anionic nanocelluloses: Influence of nanocellulose characteristics on floc morphology and strength  
Journal of Environmental Chemical Engineering, Volume 2, Issue 4, December 2014, Pages 2005-2012  
Terhi Suopajärvi, Elisa Koivuranta, Henrikki Liimatainen, Jouko Niinimäki  
[PDF (1562 K)](file:///I:\3\44.pdf)  
  
45  
Experimental assessment of an absorption heat transformer prototype at different temperature levels into generator and into evaporator operating with water/Carrol mixture  
Experimental Thermal and Fluid Science, Volume 60, January 2015, Pages 275-283  
J. Ibarra-Bahena, R.J. Romero, J. Cerezo, C.V. Valdez-Morales, Y.R. Galindo-Luna, L. Velazquez-Avelar  
[PDF (2100 K)](file:///I:\3\45.pdf)  
  
46  
Key thermal events during pyrolysis and CO2-gasification of selected combustible solid wastes in a thermogravimetric analyser  
Fuel, Volume 137, 1 December 2014, Pages 77-84  
Tianju Chen, Jingli Wu, Zhezi Zhang, Mingming Zhu, Li Sun, Jinhu Wu, Dongke Zhang  
[PDF (1736 K)](file:///I:\3\46.pdf)  
47  
  
Production and characterization of biochar from three-phase olive mill waste through slow pyrolysis  
Biomass and Bioenergy, In Press, Corrected Proof, Available online 16 October 2014  
Amine Hmid, Donato Mondelli, Saverio Fiore, Francesco Paolo Fanizzi, Ziad Al Chami, Stefano Dumontet  
[PDF (833 K)](file:///I:\3\47.pdf)  
  
48  
Liquid fuel production from waste tyre pyrolysis and its utilisation in a Diesel engine  
Fuel, Volume 116, 15 January 2014, Pages 399-408  
Stefano Frigo, Maurizia Seggiani, Monica Puccini, Sandra Vitolo  
[PDF (745 K)](file:///I:\3\48.pdf)  
  
49  
Influence of the anode materials on the electrochemical oxidation efficiency. Application to oxidative degradation of the pharmaceutical amoxicillin  
Chemical Engineering Journal, Volume 262, 15 February 2015, Pages 286-294  
Flamur Sopaj, Manuel A. Rodrigo, Nihal Oturan, Fetah I. Podvorica, Jean Pinson, Mehmet A. Oturan  
[PDF (1058 K)](file:///I:\3\49.pdf)  
50  
  
Selection and application of agricultural wastes as solid carbon sources and biofilm carriers in MBR  
Journal of Hazardous Materials, Volume 283, January 2015, Pages 186-192  
Xiao-Li Yang, Qi Jiang, Hai-Liang Song, Tian-Tian Gu, Ming-Qian Xia  
[PDF (1546 K)](file:///I:\3\50.pdf)  
51  
  
Oil Produced Water treatment for oil removal by an integration of coalescer bed and microfiltration membrane processes  
Journal of Membrane Science, Volume 469, 1 November 2014, Pages 371-378  
A. Motta, C. Borges, K. Esquerre, A. Kiperstok  
[PDF (731 K)](file:///I:\3\51.pdf)  
52  
  
A process for producing synthetic rutile from Panzhihua titanium slag  
Hydrometallurgy, Volumes 147–148, August 2014, Pages 134-141  
Yufeng Guo, Shuishi Liu, Tao Jiang, Guanzhou Qiu, Feng Chen  
[PDF (2263 K)](file:///I:\3\52.pdf)  
53  
  
Total utilization of waste tire rubber through pyrolysis to obtain oils and CO2 activation of pyrolysis char  
Fuel Processing Technology, Volume 123, July 2014, Pages 57-64  
Gyung-Goo Choi, Su-Hwa Jung, Seung-Jin Oh, Joo-Sik Kim  
[PDF (1046 K)](file:///I:\3\53.pdf)  
54  
  
Prevention of peritendinous adhesions with electrospun chitosan-grafted polycaprolactone nanofibrous membranes  
Acta Biomaterialia, In Press, Corrected Proof, Available online 2 September 2014  
Shih-Hsien Chen, Chih-Hao Chen, Yi Teng Fong, Jyh-Ping Chen  
[PDF (3617 K)](file:///I:\3\54.pdf)  
  
55  
Adsorption of Au(III) ions from aqueous solutions by thiol-ene photoclick hydrogels and its application to electronic waste and geothermal water  
Journal of Water Process Engineering, In Press, Corrected Proof, Available online 25 June 2014  
Melike Fırlak, Ece Kök Yetimoğlu, Memet Vezir Kahraman  
[PDF (2195 K)](file:///I:\3\55.pdf)  
56  
  
Adsorption of Congo red from aqueous solutions using cationic surfactant modified wheat straw in batch mode: Kinetic and equilibrium study  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 5, September 2014, Pages 2578-2583  
Randi Zhang, Jinghua Zhang, Xiaona Zhang, Chanchan Dou, Runping Han  
[PDF (440 K)](file:///I:\3\56.pdf)  
57  
  
Leaching of hazardous substances from a composite construction product – An experimental and modelling approach for fibre-cement sheets  
Journal of Hazardous Materials, Volume 264, 15 January 2014, Pages 236-245  
Maria Lupsea, Ligia Tiruta-Barna, Nicoleta Schiopu  
[PDF (818 K)](file:///I:\3\57.pdf)  
  
58  
Effective utilization of a sponge iron industry by-product for phosphate removal from aqueous solution: A statistical and kinetic modelling approach  
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 28 September 2014  
Prangya Ranjan Rout, Puspendu Bhunia, Rajesh Roshan Dash  
[PDF (1905 K)](file:///I:\3\58.pdf)  
59  
  
Evaluating the use of activated carbon felts to remove Co2+, Ni2+ and Sr2+ from wastewater  
Journal of Environmental Chemical Engineering, Volume 2, Issue 3, September 2014, Pages 1705-1712  
Caue Ferreira Esmi, Célia Guevar, Mélanie Dhoury, Luc Schrive, Yves Barre, John Palmeri, André Deratani  
[PDF (1443 K)](file:///I:\3\59.pdf)  
  
60  
Synthesis and characterization of PEG-Ag immobilized PES hollow fiber ultrafiltration membranes with long lasting antifouling properties  
Journal of Membrane Science, Volume 454, 15 March 2014, Pages 538-548  
J.A. Prince, S. Bhuvana, K.V.K. Boodhoo, V. Anbharasi, G. Singh  
[PDF (3465 K)](file:///I:\3\60.pdf)  
  
61  
Separation of vanadium using both hollow fiber membrane and solvent extraction technique – A comparative study  
Separation and Purification Technology, Volume 122, 10 February 2014, Pages 270-277  
P.C. Rout, K. Sarangi  
[PDF (811 K)](file:///I:\3\61.pdf)  
  
62  
Gaseous emissions in municipal wastes composting: Effect of the bulking agent  
Bioresource Technology, Volume 172, November 2014, Pages 260-268  
Caterina Maulini-Duran, Adriana Artola, Xavier Font, Antoni Sánchez  
[PDF (686 K)](file:///I:\3\62.pdf)  
63  
  
Optimization of preparation conditions of activated carbon from agriculture waste utilizing factorial design  
Powder Technology, Volume 256, April 2014, Pages 175-181  
Noemia Isoda, Raphael Rodrigues, Andreia Silva, Maraisa Gonçalves, Dalmo Mandelli, Flávia Camargo A. Figueiredo, Wagner Alves Carvalho  
[PDF (600 K)](file:///I:\3\63.pdf)  
  
64  
A non-invasive study of flow dynamics in membrane distillation hollow fiber modules using low-field nuclear magnetic resonance imaging (MRI)  
Journal of Membrane Science, Volume 451, 1 February 2014, Pages 46-54  
X. Yang, E.O. Fridjonsson, M.L. Johns, R. Wang, A.G. Fane  
[PDF (4202 K)](file:///I:\3\64.pdf)  
65  
  
Production, characterization and fuel properties of alternative diesel fuel from pyrolysis of waste plastic grocery bags  
Fuel Processing Technology, Volume 122, June 2014, Pages 79-90  
Brajendra K. Sharma, Bryan R. Moser, Karl E. Vermillion, Kenneth M. Doll, Nandakishore Rajagopalan  
[PDF (868 K)](file:///I:\3\65.pdf)  
66  
  
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:\3\66.pdf)  
  
67  
Improvement in hydrogen production from hard-shell nut residues by catalytic hydrothermal gasification  
The Journal of Supercritical Fluids, Volume 95, November 2014, Pages 339-347  
Tülay Güngören Madenoğlu, Eyüp Yıldırır, Mehmet Sağlam, Mithat Yüksel, Levent Ballice  
[PDF (1046 K)](file:///I:\3\67.pdf)  
  
68  
Transport modeling of convection-enhanced hollow fiber membrane bioreactors for therapeutic applications  
Journal of Membrane Science, Volume 471, 1 December 2014, Pages 347-361  
Ilaria E. De Napoli, Elisabetta M. Zanetti, Gionata Fragomeni, Ermenegildo Giuzio, Alberto L. Audenino, Gerardo Catapano  
[PDF (790 K)](file:///I:\3\68.pdf)  
  
69  
Consolidated conversion of protein waste into biofuels and ammonia using Bacillus subtilis  
Metabolic Engineering, Volume 23, May 2014, Pages 53-61  
Kwon-Young Choi, David G. Wernick, Christine A. Tat, James C. Liao  
[PDF (2124 K)](file:///I:\3\69.pdf)  
  
70  
Potential of waste pumice and surface modified pumice for hexavalent chromium removal: Characterization, equilibrium, thermodynamic and kinetic study  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 2, March 2014, Pages 635-647  
Mohammad Noori Sepehr, Abdeltif Amrane, Kamal Aldin Karimaian, Mansur Zarrabi, Hamid Reza Ghaffari  
[PDF (2507 K)](file:///I:\3\70.pdf)  
71  
  
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:\3\71.pdf)  
  
72  
Lactic acid fermentation by cells immobilised on various porous cellulosic materials and their alginate/poly-lactic acid composites  
Bioresource Technology, Volume 165, August 2014, Pages 332-335  
Mrinal Nishant Kumar, Angelika-Ioanna Gialleli, Jean Bernard Masson, Panagiotis Kandylis, Argyro Bekatorou, Athanasios A. Koutinas, Maria Kanellaki  
[PDF (257 K)](file:///I:\3\72.pdf)  
73  
  
Solventless extraction/stripping of phenol using trioctylphosphine oxide impregnated hollow fiber membranes – Experimental & modeling analysis  
Chemical Engineering Journal, Volume 255, 1 November 2014, Pages 641-649  
Prashant Praveen, Kai-Chee Loh  
[PDF (1097 K)](file:///I:\3\73.pdf)  
  
74  
Thermal hydrolysis integration in the anaerobic digestion process of different solid wastes: Energy and economic feasibility study  
Bioresource Technology, Volume 168, September 2014, Pages 14-22  
R. Cano, A. Nielfa, M. Fdz-Polanco  
[PDF (439 K)](file:///I:\3\74.pdf)  
75  
  
Efficient decolorization and detoxification of the sulfonated azo dye Reactive Orange 16 and simulated textile wastewater containing Reactive Orange 16 by the white-rot fungus Ganoderma sp. En3 isolated from the forest of Tzu-chin Mountain in China  
Biochemical Engineering Journal, Volume 82, 15 January 2014, Pages 1-9  
Li Ma, Rui Zhuo, Huahua Liu, Dong Yu, Mulan Jiang, Xiaoyu Zhang, Yang Yang  
[PDF (1543 K)](file:///I:\3\75.pdf)  
76  
  
Effect of hydrolysis products on the enzymatic degradation of polyethylene terephthalate nanoparticles by a polyester hydrolase from Thermobifida fusca  
Biochemical Engineering Journal, In Press, Accepted Manuscript, Available online 24 October 2014  
Markus Barth, Thorsten Oeser, Ren Wei, Johannes Then, Juliane Schmidt, Wolfgang Zimmermann  
[PDF (468 K)](file:///I:\3\76.pdf)  
  
77  
A comparison of the performance of mono- and bi-component electrospun conduits in a rat sciatic model  
Biomaterials, Volume 35, Issue 32, October 2014, Pages 8970-8982  
Valentina Cirillo, Basak A. Clements, Vincenzo Guarino, Jared Bushman, Joachim Kohn, Luigi Ambrosio  
[PDF (3750 K)](file:///I:\3\77.pdf)  
78  
  
Modified composites based on mesostructured iron oxyhydroxide and synthetic minerals: A potential material for the treatment of various toxic heavy metals and its toxicity  
Journal of Hazardous Materials, Volume 267, 28 February 2014, Pages 161-168  
Seung-Gun Chung, Jae-Chun Ryu, Mi-Kyung Song, Byungryul An, Song-Bae Kim, Sang-Hyup Lee, Jae-Woo Choi  
[PDF (1777 K)](file:///I:\3\78.pdf)  
79  
  
Characteristics of thermodynamic, isotherm, kinetic, mechanism and design equations for the analysis of adsorption in Cd(II) ions-surface modified Eucalyptus seeds system  
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 6 September 2014  
U. Pearlin Kiruba, P. Senthil Kumar, C. Prabhakaran, V. Aditya  
[PDF (2676 K)](file:///I:\3\79.pdf)  
  
80  
Effects of filtration modes on membrane fouling behavior and treatment in submerged membrane bioreactor  
Bioresource Technology, Volume 172, November 2014, Pages 391-395  
Tahir Maqbool, Sher Jamal Khan, Chung-Hak Lee  
[PDF (584 K)](file:///I:\3\80.pdf)  
  
81  
The influence of granular materials on the operation and membrane fouling characteristics of submerged MBRs  
Journal of Membrane Science, Volume 469, 1 November 2014, Pages 292-299  
Tokihiro Kurita, Katsuki Kimura, Yoshimasa Watanabe  
[PDF (1973 K)](file:///I:\3\81.pdf)  
  
82  
Adsorptive removal of nitrate from aqueous solution by polyacrylonitrile–alumina nanoparticle mixed matrix hollow-fiber membrane  
Journal of Membrane Science, Volume 466, 15 September 2014, Pages 281-292  
Raka Mukherjee, Sirshendu De  
[PDF (1299 K)](file:///I:\3\82.pdf)  
83  
  
Selective extraction and deep separation of V(V) and Cr(VI) in the leaching solution of chromium-bearing vanadium slag with primary amine LK-N21  
Separation and Purification Technology, Volume 137, 24 November 2014, Pages 109-115  
Pengge Ning, Xiao Lin, Hongbin Cao, Yi Zhang  
[PDF (904 K)](file:///I:\3\83.pdf)  
  
84  
Application of residual brewery yeast for adsorption removal of Reactive Orange 16 from aqueous solution  
Advanced Powder Technology, In Press, Uncorrected Proof, Available online 22 October 2014  
Tae-Young Kim, Jae-Wook Lee, Sung-Yong Cho  
[PDF (1114 K)](file:///I:\3\84.pdf)  
  
85  
A novel method of combination of Kraft lignin with synthetic mineral support  
Advanced Powder Technology, Volume 25, Issue 2, March 2014, Pages 695-703  
Filip Ciesielczyk, Łukasz Klapiszewski, Karolina Szwarc-Rzepka, Teofil Jesionowski  
[PDF (2419 K)](file:///I:\3\85.pdf)  
86  
  
Effect of calcium oxide on high-temperature steam gasification of municipal solid waste  
Fuel, Volume 122, 15 April 2014, Pages 36-46  
Chunguang Zhou, Thomas Stuermer, Rathnayaka Gunarathne, Weihong Yang, Wlodzimierz Blasiak  
[PDF (4188 K)](file:///I:\3\86.pdf)  
  
87  
Preparation of highly developed mesoporous activated carbon fiber from liquefied wood using wood charcoal as additive and its adsorption of methylene blue from solution  
Bioresource Technology, Volume 164, July 2014, Pages 1-6  
Xiaojun Ma, Fan Zhang, Junyan Zhu, Lili Yu, Xinyan Liu  
[PDF (402 K)](file:///I:\3\87.pdf)  
  
88  
An integrative image measurement technique for dense bubbly flows with a wide size distribution  
Chemical Engineering Science, Volume 122, 27 January 2015, Pages 240-249  
Ashish Karn, Christopher Ellis, Roger Arndt, Jiarong Hong  
[PDF (2108 K)](file:///I:\3\88.pdf)  
89  
  
Experimental thermodynamic evaluation for a single stage heat transformer prototype build with commercial PHEs  
Applied Thermal Engineering, In Press, Corrected Proof, Available online 10 May 2014  
J. Ibarra-Bahena, R.J. Romero, L. Velazquez-Avelar, C.V. Valdez-Morales, Y.R. Galindo-Luna  
[PDF (3343 K)](file:///I:\3\89.pdf)  
90  
  
Simultaneous removal of organic and inorganic pollutants from synthetic road runoff using a combination of activated carbon and activated lignite  
Separation and Purification Technology, Volume 122, 10 February 2014, Pages 6-11  
Yang Li, Brigitte Helmreich  
[PDF (859 K)](file:///I:\3\90.pdf)  
91  
  
Modified activated carbons from potato peels as green environmental-friendly adsorbents for the treatment of pharmaceutical effluents  
Chemical Engineering Research and Design, In Press, Corrected Proof, Available online 3 September 2014  
George Z. Kyzas, Eleni A. Deliyanni  
[PDF (1146 K)](file:///I:\3\91.pdf)  
  
92  
Decolorization and mineralization of an azo reactive dye using loaded nano-photocatalysts on spacer fabric: Kinetic study and operational factors  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 5, September 2014, Pages 2436-2446  
Seyed Majid Ghoreishian, Khashayar Badii, Mohammad Norouzi, Abosaeed Rashidi, Majid Montazer, Mahsa Sadeghi, Maedeh Vafaee  
[PDF (3231 K)](file:///I:\3\92.pdf)  
93  
  
Current trends in polyhydroxyalkanoates (PHAs) biosynthesis: Insights from the recombinant Escherichia coli  
Journal of Biotechnology, Volume 180, 20 June 2014, Pages 52-65  
Yoong Kit Leong, Pau Loke Show, Chien Wei Ooi, Tau Chuan Ling, John Chi-Wei Lan  
[PDF (997 K)](file:///I:\3\93.pdf)  
  
94  
Effect of dissolved oxygen on heterotrophic denitrification using poly(butylene succinate) as the carbon source and biofilm carrier  
Bioresource Technology, Volume 171, November 2014, Pages 152-158  
Guozhi Luo, Li Li, Qian Liu, Guimei Xu, Hongxin Tan  
[PDF (587 K)](file:///I:\3\94.pdf)  
95  
  
Reuse of Phoenix canariensis palm frond mulch as biosorbent and as precursor of activated carbons for the adsorption of Imazalil in aqueous phase  
Chemical Engineering Journal, Volume 245, 1 June 2014, Pages 348-358  
M.A. Martín-González, O. González-Díaz, P. Susial, J. Araña, J.A. Herrera-Melián, J.M. Doña-Rodríguez, J. Pérez-Peña  
[PDF (1686 K)](file:///I:\3\95.pdf)  
96  
  
Comparative study of waste derived adsorbents for sequestering methylene blue from aquatic environment  
Journal of Environmental Chemical Engineering, In Press, Uncorrected Proof, Available online 12 June 2014  
Ruhul Amin Reza, M. Ahmaruzzaman  
[PDF (865 K)](file:///I:\3\96.pdf)  
97  
  
Catalytic pyrolysis of Eremurus spectabilis for bio-oil production in a fixed-bed reactor: Effects of pyrolysis parameters on product yields and character  
Fuel Processing Technology, Volume 129, January 2015, Pages 24-38  
Tevfik Aysu  
[PDF (1829 K)](file:///I:\3\97.pdf)  
98  
  
Removal and recovery of phosphate from water by lanthanum hydroxide materials  
Chemical Engineering Journal, Volume 254, 15 October 2014, Pages 163-170  
Jie Xie, Zhe Wang, Shaoyong Lu, Deyi Wu, Zhenjia Zhang, Hainan Kong  
[PDF (1082 K)](file:///I:\3\98.pdf)  
  
99  
Combination of chemical and enzymatic treatment for efficient decolorization/degradation of textile effluent: High operational stability of the continuous process  
Biochemical Engineering Journal, Volume 93, 15 January 2015, Pages 17-24  
Meenu Chhabra, Saroj Mishra, Trichur Ramaswamy Sreekrishnan  
[PDF (1541 K)](file:///I:\3\99.pdf)  
  
100  
Removal of cationic and anionic azo dyes from aqueous solutions by adsorption on maize stem tissue  
Journal of the Taiwan Institute of Chemical Engineers, Volume 45, Issue 4, July 2014, Pages 1700-1708  
Vesna M. Vučurović, Radojka N. Razmovski, Uroš D. Miljić, Vladimir S. Puškaš  
[PDF (1521 K)](file:///I:\3\100.pdf)