**Sulfur waste**

1

Hot treatment and upgrading of syngas obtained by co-gasification of coal and wastes  
Fuel Processing Technology, Volume 126, October 2014, Pages 19-29  
Filomena Pinto, Rui Neto André, Carlos Carolino, Miguel Miranda  
[PDF (717 K)](file:///I:\2\1.pdf)  
2  
  
Investigation of chloride deposit formation in a 24 MWe waste to energy plant  
Fuel, Volume 140, 15 January 2015, Pages 317-327  
Guanyi Chen, Nan Zhang, Wenchao Ma, Vera Susanne Rotter, Yu Wang  
[PDF (3460 K)](file:///I:\2\2.pdf)  
3  
  
Proton transfer reaction mass spectrometry technique for the monitoring of volatile sulfur compounds in a fuel cell quality clean-up system  
Fuel Processing Technology, Volume 130, February 2015, Pages 136-146  
Davide Papurello, Lorenzo Tognana, Andrea Lanzini, Federico Smeacetto, Massimo Santarelli, Ilaria Belcari, Silvia Silvestri, Franco Biasioli  
[PDF (1808 K)](file:///I:\2\3.pdf)  
4  
  
Beneficial co-treatment of simple wet flue gas desulphurization wastes with freshwater sewage through development of mixed denitrification–SANI process  
Chemical Engineering Journal, Volume 262, 15 February 2015, Pages 109-118  
Jin Qian, Hui Lu, Feng Jiang, George A. Ekama, Guang-Hao Chen  
[PDF (1712 K)](file:///I:\2\4.pdf)  
5  
  
Characterization and modeling of pyrolysis of the two-phase olive mill solid waste  
Fuel Processing Technology, Volume 126, October 2014, Pages 104-111  
Gabriel Blázquez García, Mónica Calero de Hoces, Carmen Martínez García, María Teresa Cotes Palomino, Alicia Ronda Gálvez, María Ángeles Martín-Lara  
[PDF (655 K)](file:///I:\2\5.pdf)  
6  
  
Effect of particle size on cleaning of high-sulphur fine coal by oil agglomeration  
Fuel Processing Technology, Volume 128, December 2014, Pages 211-219  
Ercan Sahinoglu, Tuncay Uslu  
[PDF (2667 K)](file:///I:\2\6.pdf)  
7  
  
Review of biotreatment techniques for volatile sulfur compounds with an emphasis on dimethyl sulfideReview Article  
Process Biochemistry, Volume 49, Issue 9, September 2014, Pages 1543-1554  
Balendu Shekher Giri, Ki Hyun Kim, R.A. Pandey, Jinwoo Cho, Hocheol Song, Yoon Shin Kim  
[PDF (1845 K)](file:///I:\2\7.pdf)  
8  
  
Efficient anaerobic mono-digestion of N-rich slaughterhouse waste: Influence of ammonia, temperature and trace elements  
Bioresource Technology, In Press, Accepted Manuscript, Available online 13 October 2014  
Markus Ortner, Kerstin Leitzinger, Sören Skupien, Günther Bochmann, Werner Fuchs  
[PDF (983 K)](file:///I:\2\8.pdf)  
9  
  
Impact of thermal barrier coating application on the combustion, performance and emissions of a diesel engine fueled with waste cooking oil biodiesel–diesel blends  
Fuel, Volume 136, 15 November 2014, Pages 334-340  
Selman Aydın, Cenk Sayın  
[PDF (1933 K)](file:///I:\2\9.pdf)  
  
10  
Assessment of marble waste utilization as an alternative sorbent to limestone for SO2 control  
Fuel Processing Technology, Volume 128, December 2014, Pages 461-470  
N. Emre Altun  
[PDF (1499 K)](file:///I:\2\10.pdf)  
  
11  
Carbonaceous sulfur-containing chitosan–Fe(III): A novel adsorbent for efficient removal of copper (II) from water  
Chemical Engineering Journal, Volume 259, 1 January 2015, Pages 372-380  
Yuezhong Wen, Jianqing Ma, Jie Chen, Chensi Shen, Hong Li, Weiping Liu  
[PDF (1671 K)](file:///I:\2\11.pdf)  
12  
  
Gold nanoparticles supported on modified red mud for biphasic oxidation of sulfur compounds: A synergistic effect  
Applied Catalysis B: Environmental, Volume 162, January 2015, Pages 475-482  
Aline A.S. Oliveira, Demétrio A.S. Costa, Ivo F. Teixeira, Flávia C.C. Moura  
[PDF (3111 K)](file:///I:\2\12.pdf)  
  
13  
UASB treatment of chemical synthesis-based pharmaceutical wastewater containing rich organic sulfur compounds and sulfate and associated microbial characteristics  
Chemical Engineering Journal, Volume 260, 15 January 2015, Pages 55-63  
Weicheng Li, Qigui Niu, Hong Zhang, Zhe Tian, Yu Zhang, Yingxin Gao, Yu-You Li, Osamu Nishimura, Min Yang  
[PDF (650 K)](file:///I:\2\13.pdf)  
  
14  
Towards controlling PCDD/F production in a multi-fuel fired BFB boiler using two sulfur addition strategies. Part I: Experimental campaign and results  
Fuel, Volume 134, 15 October 2014, Pages 677-687  
Cyril Jose E. Bajamundi, Pasi Vainikka, Merja Hedman, Irina Hyytiäinen, Jaani Silvennoinen, Teemu Heinanen, Raili Taipale, Jukka Konttinen  
[PDF (1499 K)](file:///I:\2\14.pdf)  
  
15  
The influence of food waste on dioxin formation during incineration of refuse-derived fuels  
Fuel, Volume 132, 15 September 2014, Pages 165-169  
Eva Svensson Myrin, Per-Erik Persson, Stina Jansson  
[PDF (278 K)](file:///I:\2\15.pdf)  
  
16  
Model-based optimization of sulfur recovery units  
Computers & Chemical Engineering, Volume 66, 4 July 2014, Pages 244-251  
Flavio Manenti, Davide Papasidero, Giulia Bozzano, Eliseo Ranzi  
[PDF (1901 K)](file:///I:\2\16.pdf)  
17  
  
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:\2\17.pdf)  
18  
  
XANES spectroscopic study of sulfur transformations during co-pyrolysis of a calcium-rich lignite and a high-sulfur bituminous coal  
Fuel Processing Technology, Volume 121, May 2014, Pages 56-62  
Lijuan Liu, Jinxia Fei, Mingqi Cui, Yongfeng Hu, Jie Wang  
[PDF (566 K)](file:///I:\2\18.pdf)  
  
19  
Separation of Elemental Sulfur from Zinc Concentrate Direct Leaching Residue by Vacuum Distillation  
Separation and Purification Technology, In Press, Accepted Manuscript, Available online 18 October 2014  
Hailong Li, Xianying Wu, Mingxia Wang, Jun Wang, Shaokang Wu, Xiaolong Yao, Liqing Li  
[PDF (1127 K)](file:///I:\2\19.pdf)  
20  
  
Towards controlling PCDD/F production in a multi-fuel fired BFB boiler using two sulfur addition strategies. Part III: Cu speciation in the fly ash  
Fuel, Volume 132, 15 September 2014, Pages 178-186  
Cyril Jose E. Bajamundi, Pasi Vainikka, Irina Hyytiäinen, Kirsi Korpijärvi, Manu Lahtinen, Wantana Klysubun, Jukka Konttinen  
[PDF (1059 K)](file:///I:\2\20.pdf)  
21  
  
Effect of waste incineration and gasification processes on heavy metal distribution  
Fuel Processing Technology, Volume 125, September 2014, Pages 67-72  
Min-Hao Wu, Chiou-Liang Lin, Wun-Yue Zeng  
[PDF (357 K)](file:///I:\2\21.pdf)  
  
22  
Deposit analysis of water-wall tubes in a municipal solid waste grate incinerator  
Applied Thermal Engineering, Volume 66, Issues 1–2, May 2014, Pages 415-422  
ZhiYi Lai, XiaoQian Ma, YuTing Tang, MaoDong Li, JinFei Ni  
[PDF (1760 K)](file:///I:\2\22.pdf)  
23  
  
Dual role of conditioner CaO in product distributions and sulfur transformation during sewage sludge pyrolysis  
Fuel, Volume 134, 15 October 2014, Pages 514-520  
Huan Liu, Qiang Zhang, Hongyun Hu, Ruxi Xiao, Aijun Li, Yu Qiao, Hong Yao, Ichiro Naruse  
[PDF (661 K)](file:///I:\2\23.pdf)  
24  
  
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:\2\24.pdf)  
  
25  
Decomposition of sulfur compounds by radiolysis: I. Influential factors  
Chemical Engineering Journal, Volume 262, 15 February 2015, Pages 217-223  
Youn-Suk Son, Jo-Chun Kim  
[PDF (716 K)](file:///I:\2\25.pdf)  
  
26  
Calcium leaching from waste steelmaking slag: Significance of leachate chemistry and effects on slag grain mineralogy  
Minerals Engineering, Volume 65, 15 October 2014, Pages 156-162  
C. Hall, D.J. Large, B. Adderley, H.M. West  
[PDF (722 K)](file:///I:\2\26.pdf)  
27  
  
Hydroprocessing of waste cooking oil over a dispersed nano catalyst: Kinetics study and temperature effect  
Applied Catalysis B: Environmental, Volumes 150–151, 5 May 2014, Pages 238-248  
Haiping Zhang, Hongfei Lin, Weizhi Wang, Ying Zheng, Peijun Hu  
[PDF (1873 K)](file:///I:\2\27.pdf)  
  
28  
A comparative study of bio-oils from pyrolysis of microalgae and oil seed waste in a fluidized bed  
Bioresource Technology, Volume 162, June 2014, Pages 96-102  
Sung Won Kim, Bon Seok Koo, Dong Hyun Lee  
[PDF (858 K)](file:///I:\2\28.pdf)  
29  
  
Bioleaching of metals from electronic scrap in a stirred tank reactor  
Hydrometallurgy, Volume 149, October 2014, Pages 50-62  
Sadia Ilyas, Jae-chun Lee  
[PDF (1325 K)](file:///I:\2\29.pdf)  
  
30  
Biomining — biotechnologies for extracting and recovering metals from ores and waste materialsReview Article  
Current Opinion in Biotechnology, Volume 30, December 2014, Pages 24-31  
D Barrie Johnson  
[PDF (758 K)](file:///I:\2\10.pdf)  
31  
  
Performance evaluation of high-sulphur coal-fired USC plant integrated with SNOX and CO2 capture sections  
Applied Thermal Engineering, In Press, Corrected Proof, Available online 25 March 2014  
Giorgio Cau, Vittorio Tola, Claudia Bassano  
[PDF (826 K)](file:///I:\2\31.pdf)  
  
32  
Sulfidation of heavy-metal-containing neutralization sludge using zinc leaching residue as the sulfur source for metal recovery and stabilization  
Minerals Engineering, Volume 61, June 2014, Pages 105-112  
Yong Ke, Li-Yuan Chai, Xiao-Bo Min, Chong-Jian Tang, Jie Chen, Yan Wang, Yan-Jie Liang  
[PDF (817 K)](file:///I:\2\32.pdf)  
  
33  
Design of a flat glass furnace waste heat power generation system  
Applied Thermal Engineering, Volume 63, Issue 1, 5 February 2014, Pages 290-296  
Zhiwei Li, Xiujin He, Yongqing Wang, Bo Zhang, Hongzhou He  
[PDF (569 K)](file:///I:\2\33.pdf)  
  
34  
Industrial products and wastes as adsorbents for sulphate and chloride removal from synthetic alkaline solution and mine process water  
Chemical Engineering Journal, Volume 259, 1 January 2015, Pages 364-371  
Evgenia Iakovleva, Ermei Mäkilä, Jarno Salonen, Maciej Sitarz, Mika Sillanpää  
[PDF (2122 K)](file:///I:\2\34.pdf)  
  
35  
Sulfate bioreduction and elemental sulfur formation in a packed bed reactor  
Journal of Environmental Chemical Engineering, Volume 2, Issue 3, September 2014, Pages 1287-1293  
Bharati Brahmacharimayum, Pranab Kumar Ghosh  
[PDF (1804 K)](file:///I:\2\35.pdf)  
  
36  
Sulfur Dioxide Removal using Natural Zeolitic Tuff  
Fuel Processing Technology, Volume 126, October 2014, Pages 249-258  
Mohammad Al-Harahsheh, Reyad Shawabkeh, Marwan Batiha, Adnan Al-Harahsheh, Kamel Al-Zboon  
[PDF (1635 K)](file:///I:\2\36.pdf)  
  
37  
Towards controlling PCDD/F production in a multi-fuel fired BFB boiler using two sulfur addition strategies. Part II: Thermodynamic analysis  
Fuel, Volume 134, 15 October 2014, Pages 688-697  
Cyril Jose E. Bajamundi, Pasi Vainikka, Merja Hedman, Jukka Konttinen  
[PDF (1102 K)](file:///I:\2\37.pdf)  
  
38  
Catalytic pyrolysis of palm kernel shell waste in a fluidized bed  
Bioresource Technology, Volume 167, September 2014, Pages 425-432  
Sung Won Kim, Bon Seok Koo, Dong Hyun Lee  
[PDF (777 K)](file:///I:\2\38.pdf)  
  
39  
Bio-oil from Jackfruit Peel Waste  
Procedia Chemistry, Volume 9, 2014, Pages 158-164  
Jennifer Pieter Soetardji, Cynthia Widjaja, Yovita Djojorahardjo, Felycia Edi Soetaredjo, Suryadi Ismadji  
[PDF (433 K)](file:///I:\2\39.pdf)  
40

A comparative study of mass transfer coefficients of reduced volatile sulfur compounds for biotrickling filter packing materials  
Chemical Engineering Journal, Volume 260, 15 January 2015, Pages 209-221  
Dezhao Liu, Rune Røjgaard Andreasen, Tjalfe Gorm Poulsen, Anders Feilberg  
[PDF (2969 K)](file:///I:\2\40.pdf)  
  
41  
Short-cut waste activated sludge fermentation and application of fermentation liquid to improve heterotrophic aerobic nitrogen removal by Agrobacterium sp. LAD9  
Chemical Engineering Journal, Volume 259, 1 January 2015, Pages 911-917  
Lina Pang, Jinren Ni, Xiaoyan Tang, Qian Chen  
[PDF (756 K)](file:///I:\2\41.pdf)  
42  
  
Fuel-oils from co-pyrolysis of scrap tyres with coal and a bituminous waste. Influence of oven configuration  
Fuel, Volume 125, 1 June 2014, Pages 155-163  
Beatriz Acevedo, Carmen Barriocanal  
[PDF (1927 K)](file:///I:\2\42.pdf)  
43  
  
Hydrogen sulphide removal on carbonaceous adsorbents prepared from coffee industry waste materials  
Chemical Engineering Journal, Volume 248, 15 July 2014, Pages 208-215  
Piotr Nowicki, Paulina Skibiszewska, Robert Pietrzak  
[PDF (748 K)](file:///I:\2\43.pdf)  
44  
  
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:\2\44.pdf)  
45  
  
Biogas biological desulphurisation under extremely acidic conditions for energetic valorisation in Solid Oxide Fuel Cells  
Chemical Engineering Journal, Volume 255, 1 November 2014, Pages 677-685  
N. de Arespacochaga, C. Valderrama, C. Mesa, L. Bouchy, J.L. Cortina  
[PDF (970 K)](file:///I:\2\45.pdf)  
46  
  
Proton transfer reaction-mass spectrometry as a rapid inline tool for filter efficiency of activated charcoal in support of the development of Solid Oxide Fuel Cells fueled with biogas  
Fuel Processing Technology, Volume 130, February 2015, Pages 78-86  
Davide Papurello, Erna Schuhfried, Andrea Lanzini, Andrea Romano, Luca Cappellin, Tilmann D. Märk, Silvia Silvestri, Massimo Santarelli, Franco Biasioli  
[PDF (1200 K)](file:///I:\2\46.pdf)  
  
47  
Bioleaching waste printed circuit boards by Acidithiobacillus ferrooxidans and its kinetics aspect  
Journal of Biotechnology, Volume 173, 10 March 2014, Pages 24-30  
Yuankun Yang, Shu Chen, Shicheng Li, Mengjun Chen, Haiyan Chen, Bijun Liu  
[PDF (642 K)](file:///I:\2\47.pdf)  
  
48  
Printed circuit board waste as a source for high purity porous silica  
Separation and Purification Technology, Volume 136, 5 November 2014, Pages 88-93  
Alireza Bazargan, Damien Bwegendaho, John Barford, Gordon McKay  
[PDF (797 K)](file:///I:\2\48.pdf)  
  
49  
Dual-fuel production from restaurant grease trap waste: Bio-fuel oil extraction and anaerobic methane production from the post-extracted residue  
Bioresource Technology, Volume 169, October 2014, Pages 134-142  
Takuro Kobayashi, Hidetoshi Kuramochi, Kouji Maeda, Tomoya Tsuji, Kaiqin Xu  
[PDF (957 K)](file:///I:\2\49.pdf)  
50  
  
Biodiesel wastes: An abundant and promising source for the preparation of acidic catalysts for utilization in etherification reaction  
Chemical Engineering Journal, Volume 256, 15 November 2014, Pages 468-474  
Maraisa Gonçalves, Michelle Mantovani, Wagner Alves Carvalho, Raphael Rodrigues, Dalmo Mandelli, Joaquin Silvestre Albero  
[PDF (683 K)](file:///I:\2\50.pdf)  
  
51  
Sulfur retention in an oxy-fuel bubbling fluidized bed combustor: Effect of coal rank, type of sorbent and O2/CO2 ratio  
Fuel, Volume 137, 1 December 2014, Pages 384-392  
M. de las Obras-Loscertales, L.F. de Diego, F. García-Labiano, A. Rufas, A. Abad, P. Gayán, J. Adánez  
[PDF (1234 K)](file:///I:\2\51.pdf)  
52  
  
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:\2\52.pdf)  
  
53  
Quality and sustainability comparison of one- vs. two-step catalytic hydroprocessing of waste cooking oil  
Fuel, Volume 118, 15 February 2014, Pages 300-307  
Stella Bezergianni, Athanasios Dimitriadis, Loukia P. Chrysikou  
[PDF (920 K)](file:///I:\2\53.pdf)  
  
54  
Material port fractal of fragmentation of waste printed circuit boards (WPCBs) by high-voltage pulse  
Powder Technology, Volume 269, January 2015, Pages 219-226  
Yuemin Zhao, Bo Zhang, Chenlong Duan, Xia Chen, Song Sun  
[PDF (3308 K)](file:///I:\2\54.pdf)  
55  
  
Municipal waste conversion to hydrogen sulfide adsorbents: Investigation of the synergistic effects of sewage sludge/fish waste mixture  
Chemical Engineering Journal, Volume 237, 1 February 2014, Pages 88-94  
Rajiv Wallace, Mykola Seredych, Pengfei Zhang, Teresa J. Bandosz  
[PDF (1536 K)](file:///I:\2\55.pdf)  
  
56  
Effect of crystallization temperature on the in situ valorization of physic nut (Jatropha curcus L.) wastes using synthetic HZSM-5 catalyst  
Chemical Engineering Research and Design, Volume 92, Issue 10, October 2014, Pages 1883-1890  
Supawan Vichaphund, Duangdao Aht-ong, Viboon Sricharoenchaikul, Duangduen Atong  
[PDF (1577 K)](file:///I:\2\56.pdf)  
  
57  
Polyhydroxyalkanoate Production from Sequencing Batch Reactor System Treating Domestic Wastewater Mixed with Glycerol Waste  
APCBEE Procedia, Volume 8, 2014, Pages 161-166  
Jongrak Phasakanon, Kannika Chookietwattana, Somchai Dararat  
[PDF (287 K)](file:///I:\2\57.pdf)  
  
58  
Which chlorine ions are currently being quantified as total chlorine on solid alternative fuels?  
Fuel Processing Technology, Volume 128, December 2014, Pages 61-67  
Rita Barros Silva, Rui Fragoso, Carlos Sanches, Mario Costa, Susete Martins-Dias  
[PDF (805 K)](file:///I:\2\58.pdf)  
  
59  
A simple, efficient and recyclable catalytic system for carbon–sulfur coupling of aryl halides with thioacetamide  
Journal of Molecular Catalysis A: Chemical, Volume 395, December 2014, Pages 349-354  
Mingzhong Cai, Ruiya Yao, Lin Chen, Hong Zhao  
[PDF (542 K)](file:///I:\2\59.pdf)  
60  
  
Preparation and characterization of activated carbon from plant wastes with chemical activation  
Microporous and Mesoporous Materials, Volume 198, 1 November 2014, Pages 45-49  
Metin Açıkyıldız, Ahmet Gürses, Semra Karaca  
[PDF (437 K)](file:///I:\2\60.pdf)  
61  
  
Durability of Cu/SAPO-34 catalyst for NOx reduction by ammonia: Potassium and sulfur poisoning  
Catalysis Communications, Volume 59, 10 January 2015, Pages 35-39  
Xuesong Liu, Xiaodong Wu, Duan Weng, Zhichun Si  
[PDF (530 K)](file:///I:\2\61.pdf)  
62  
  
Reducing high-temperature corrosion on high-alloyed stainless steel superheaters by co-combustion of municipal sewage sludge in a fluidised bed boiler  
Fuel, Volume 139, 1 January 2015, Pages 482-493  
Sofia Karlsson, Lars-Erik Åmand, Jesper Liske  
[PDF (3183 K)](file:///I:\2\62.pdf)  
  
63  
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:\2\63.pdf)  
64  
  
Effectiveness of CoMo and NiMo catalysts on co-hydroprocessing of heavy atmospheric gas oil–waste cooking oil mixtures  
Fuel, Volume 125, 1 June 2014, Pages 129-136  
Stella Bezergianni, Athanasios Dimitriadis, Georgios Meletidis  
[PDF (829 K)](file:///I:\2\64.pdf)  
65  
  
Co-gasification of blended lignite and wood pellets in a dual fluidized bed steam gasifier: The influence of lignite to fuel ratio on NH3 and H2S concentrations in the producer gas  
Fuel, Volume 139, 1 January 2015, Pages 494-501  
J. Hongrapipat, W.L. Saw, S. Pang  
[PDF (730 K)](file:///I:\2\65.pdf)  
  
66  
Impact of fatty ester composition on low temperature properties of biodiesel–petroleum diesel blends  
Fuel, Volume 115, January 2014, Pages 500-506  
Bryan R. Moser  
[PDF (284 K)](file:///I:\2\66.pdf)  
  
67  
Microaeration for hydrogen sulfide removal in UASB reactor  
Bioresource Technology, Volume 172, November 2014, Pages 297-302  
Lucie Krayzelova, Jan Bartacek, Nina Kolesarova, Pavel Jenicek  
[PDF (808 K)](file:///I:\2\67.pdf)  
  
68  
Effect of oily sludge on the rheological characteristics of coke-water slurry  
Fuel, Volume 116, 15 January 2014, Pages 261-266  
Menghan Xu, Haifeng Liu, Hui Zhao, Weifeng Li  
[PDF (673 K)](file:///I:\2\68.pdf)  
  
69  
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:\2\69.pdf)  
  
70  
Bioconversion of food waste to energy: A reviewReview Article  
Fuel, Volume 134, 15 October 2014, Pages 389-399  
Esra Uçkun Kiran, Antoine P. Trzcinski, Wun Jern Ng, Yu Liu  
[PDF (393 K)](file:///I:\2\70.pdf)  
  
71  
Heterogeneous catalyst-assisted thermochemical conversion of food waste biomass into 5-hydroxymethylfurfural  
Bioresource Technology, In Press, Accepted Manuscript, Available online 18 October 2014  
Ganesh K. Parshetti, Maria Stefanie Suryadharma, Thi Phuong Thuy Pham, Russell Mahmood, Rajasekhar Balasubramanian  
[PDF (773 K)](file:///I:\2\71.pdf)  
  
72  
A soil infiltration system incorporated with sulfur-utilizing autotrophic denitrification (SISSAD) for domestic wastewater treatment  
Bioresource Technology, Volume 159, May 2014, Pages 272-279  
Zhe Kong, Chuanping Feng, Nan Chen, Shuang Tong, Baogang Zhang, Chunbo Hao, Kun Chen  
[PDF (1260 K)](file:///I:\2\72.pdf)  
73  
  
Impact of nutrients supply and pH changes on the elimination of hydrogen sulfide, dimethyl disulfide and ethanethiol by biofiltration  
Chemical Engineering Journal, Volume 258, 15 December 2014, Pages 420-426  
Mouna Ben Jaber, Benoît Anet, Abdeltif Amrane, Catherine Couriol, Thomas Lendormi, Pierre Le Cloirec, Gilles Cogny, Romain Fillières  
[PDF (1006 K)](file:///I:\2\73.pdf)  
74  
  
Biogas deep clean-up based on adsorption technologies for Solid Oxide Fuel Cell applications  
Chemical Engineering Journal, Volume 255, 1 November 2014, Pages 593-603  
N. de Arespacochaga, C. Valderrama, C. Mesa, L. Bouchy, J.L. Cortina  
[PDF (937 K)](file:///I:\2\74.pdf)  
  
75  
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:\2\75.pdf)  
  
76  
Conical spouted bed combustor for clean valorization of sludge wastes from paper industry to generate energy  
Chemical Engineering Research and Design, Volume 92, Issue 4, April 2014, Pages 672-678  
María J. San José, Sonia Alvarez, Iris García, Francisco J. Peñas  
[PDF (1797 K)](file:///I:\2\76.pdf)  
77  
  
Experimental characterization of a high sulfur Hungarian brown coal for its potential industrial applications  
Fuel Processing Technology, Volume 122, June 2014, Pages 1-11  
Alberto Pettinau, Zsolt Dobó, Zoltán Köntös, Andor Zsemberi  
[PDF (1857 K)](file:///I:\2\77.pdf)  
  
78  
Kinetic study of solid waste pyrolysis using distributed activation energy model  
Bioresource Technology, In Press, Accepted Manuscript, Available online 14 October 2014  
Anjireddy Bhavanam, R.C. Sastry  
[PDF (641 K)](file:///I:\2\78.pdf)  
  
79  
Speciation of Hg retained in gasification biomass chars by temperature-programmed decomposition  
Fuel Processing Technology, Volume 126, October 2014, Pages 1-4  
Manuela Rallo, Aida Fuente-Cuesta, M. Antonia Lopez-Anton, Mercedes Díaz-Somoano, M. Rosa Martínez-Tarazona, M. Mercedes Maroto-Valer  
[PDF (422 K)](file:///I:\2\79.pdf)  
  
80  
Technological aspects for thermal plasma treatment of municipal solid waste—A reviewReview Article  
Fuel Processing Technology, Volume 126, October 2014, Pages 298-308  
Biswajit Ruj, Subhajyoti Ghosh  
[PDF (1169 K)](file:///I:\2\80.pdf)  
  
81  
Optimization of ultrasound-assisted oxidative desulfurization of model sulfur compounds using commercial ferrate (VI)  
Journal of the Taiwan Institute of Chemical Engineers, In Press, Corrected Proof, Available online 12 September 2014  
Angelo Earvin Sy Choi, Susan Roces, Nathaniel Dugos, Cybelle Morales Futalan, Shiow-Shyung Lin, Meng-Wei Wan  
[PDF (2050 K)](file:///I:\2\81.pdf)  
82  
  
Intensified synthesis of biodiesel using hydrodynamic cavitation reactors based on the interesterification of waste cooking oil  
Fuel, Volume 137, 1 December 2014, Pages 285-292  
Ganesh L. Maddikeri, Parag R. Gogate, Aniruddha B. Pandit  
[PDF (651 K)](file:///I:\2\82.pdf)  
  
83  
Experimental investigation of the effect of compression ratio on performance and emissions of CI engine operated with waste fried oil methyl ester blend  
Fuel Processing Technology, Volume 128, December 2014, Pages 367-375  
Jagannath Hirkude, Atul S. Padalkar  
[PDF (1078 K)](file:///I:\2\83.pdf)  
  
84  
A process study on the pyrolysis of waste polyethylene  
Fuel, Volume 133, 1 October 2014, Pages 276-282  
J. Zeaiter  
[PDF (2639 K)](file:///I:\2\84.pdf)  
  
85  
Innovative low temperature regenerable zinc based mixed oxide sorbents for synthesis gas desulfurization  
Fuel, Volume 140, 15 January 2015, Pages 453-461  
Vincent Girard, David Chiche, Arnaud Baudot, Delphine Bazer-Bachi, Isabelle Clémençon, Florent Moreau, Christophe Geantet  
[PDF (4108 K)](file:///I:\2\85.pdf)  
86  
  
Production of high quality biodiesel from waste acid oil obtained during edible oil refining using ion-exchange resin catalysts  
Fuel, Volume 139, 1 January 2015, Pages 11-17  
Naomi Shibasaki-Kitakawa, Kousuke Hiromori, Toru Ihara, Kazunori Nakashima, Toshikuni Yonemoto  
[PDF (1757 K)](file:///I:\2\86.pdf)  
  
87  
Investigating role of sulphur specific carbon adsorbents in deep desulphurization  
Journal of Environmental Chemical Engineering, Volume 2, Issue 3, September 2014, Pages 1495-1505  
Sandip V. Patil, Laxmi Gayatri Sorokhaibam, Vinay M. Bhandari, D.J. Killedar, Vivek V. Ranade  
[PDF (1994 K)](file:///I:\2\87.pdf)  
88  
  
Influence of co-vapors on biogas filtration for fuel cells monitored with PTR-MS (Proton Transfer Reaction-Mass Spectrometry)  
Fuel Processing Technology, Volume 118, February 2014, Pages 133-140  
Davide Papurello, Erna Schuhfried, Andrea Lanzini, Andrea Romano, Luca Cappellin, Tilmann D. Märk, Silvia Silvestri, Franco Biasioli  
[PDF (1236 K)](file:///I:\2\88.pdf)  
89  
  
Treatment and use of bottom bed waste in biomass fluidized bed combustors  
Fuel Processing Technology, Volume 125, September 2014, Pages 170-181  
R.C.E. Modolo, L.A.C. Tarelho, E.R. Teixeira, V.M. Ferreira, J.A. Labrincha  
[PDF (2534 K)](file:///I:\2\89.pdf)  
  
90  
Organic wastes as carbon sources to promote sulfate reducing bacterial activity for biological remediation of acid mine drainage  
Minerals Engineering, Volume 69, December 2014, Pages 81-90  
Mingliang Zhang, Haixia Wang  
[PDF (1322 K)](file:///I:\2\90.pdf)  
  
91  
Dynamical modeling for biodiesel production from grease trap wastes  
Chemical Engineering Science, Volume 117, 27 September 2014, Pages 396-406  
Efrén Aguilar-Garnica, Felicia Rodríguez-Palomera, Juan Paulo García-Sandoval, Froylán M.E. Escalante  
[PDF (847 K)](file:///I:\2\91.pdf)  
92  
  
Emission reduction of NOx, PM, PM-carbon, and PAHs from a generator fuelled by biodieselhols  
Journal of Hazardous Materials, Volume 274, 15 June 2014, Pages 349-359  
Jen-Hsiung Tsai, Shui-Jen Chen, Kuo-Lin Huang, Wen-Yinn Lin, Wen-Jhy Lee, How-Ran Chao, Chih-Chung Lin, Lien-Te Hsieh  
[PDF (3785 K)](file:///I:\2\92.pdf)  
  
93  
Role of iron in H2S emission behavior during the decomposition of biodegradable substrates in landfill  
Journal of Hazardous Materials, Volume 272, 15 May 2014, Pages 36-41  
Yao Du, Huan Feng, Kun Zhang, Li-Fang Hu, Cheng-Ran Fang, Dong-Sheng Shen, Yu-Yang Long  
[PDF (633 K)](file:///I:\2\93.pdf)  
94  
  
Design of sulfur treated activated carbon fibers for gas phase elemental mercury removal  
Fuel, Volume 116, 15 January 2014, Pages 560-565  
Yaxuan Yao, Vedagiri Velpari, James Economy  
[PDF (796 K)](file:///I:\2\94.pdf)  
  
95  
Fuel from microwave assisted pyrolysis of waste multilayer packaging beverage  
Fuel, Volume 133, 1 October 2014, Pages 7-16  
Andrea Undri, Luca Rosi, Marco Frediani, Piero Frediani  
[PDF (1271 K)](file:///I:\2\95.pdf)  
96  
  
Sulfur poisoning of Ni-based anodes for Solid Oxide Fuel Cells in H/C-based fuelsReview Article  
Applied Catalysis A: General, Volume 486, 22 September 2014, Pages 123-142  
Dimitrios K. Niakolas  
[PDF (4704 K)](file:///I:\2\96.pdf)  
  
97  
An investigation of reaction parameters on geochemical storage of non-pure CO2 streams in iron oxide-bearing formations  
Fuel Processing Technology, Volume 128, December 2014, Pages 402-411  
S. Garcia, Q. Liu, D.H. Bacon, M.M. Maroto-Valer  
[PDF (1573 K)](file:///I:\2\97.pdf)  
  
98  
Importance of reduced sulfur for the equilibrium chemistry and kinetics of Fe(II), Co(II) and Ni(II) supplemented to semi-continuous stirred tank biogas reactors fed with stillage  
Journal of Hazardous Materials, Volume 269, 30 March 2014, Pages 83-88  
Sepehr Shakeri Yekta, Amanda Lindmark, Ulf Skyllberg, Åsa Danielsson, Bo H. Svensson  
[PDF (847 K)](file:///I:\2\98.pdf)  
99  
  
Nitrogen and Sulfur Co-doped Mesoporous Carbon Materials as Highly Efficient Electrocatalysts for Oxygen Reduction Reaction  
Electrochimica Acta, Volume 145, 1 November 2014, Pages 259-269  
Jingjing Shi, Xuejun Zhou, Pan Xu, Jinli Qiao, Zhongwei Chen, Yuyu Liu  
[PDF (1406 K)](file:///I:\2\99.pdf)  
  
100  
Complex treatment of mining and metallurgical wastes for recovery of base metals  
Minerals Engineering, Volume 64, 1 October 2014, Pages 63-66  
Maxim I. Muravyov, Aleksandr G. Bulaev, Tamara F. Kondrat’eva  
[PDF (417 K)](file:///I:\2\100.pdf)