

СПИСЪК НА ЗАБЕЛЯЗАНИТЕ ЦИТАТИ, СВЪРЗАНИ С МАТЕРИАЛА ПО ДИСЕРТАЦИОННИЯ ТРУД

1– Maes P, Mitchell SC, Yperman J., Franco D., Marinov SP, J. Mullens and LC Van Poucke, *Fuel*, (1996), 75, №11, pp.1286-1293, "Sulfur functionalities and physical characteristics of the Maritza Iztok Basin lignite".

Цитира се в:

1. Li Lian Tan, Chun-Zhu Li, *Fuel*, 79, pp.1891-97 (2000).
2. Buchanan A.C., Britt P.F. ,*J.Anal.Appl. Pyrol.* 54 (1-2): pp.127-151 (2000).
3. T.Grzybek, R.Pietrzak, H.Wachovska, in *Carbon 2003,Oviedo/Spain/,6-10, Procced. (2003).*
4. Totev,T., Kanev,D., *Int. J. Scien.*, 2014, 14 (1), 340-353, ISSN 2307-4531.
5. LL Tan, CZ Li, in a book, Elsevier "Emissions Reduction: NOx/Sox Suppression", Edit. Akira Tomita. (2001).
6. HC His, MJ Rood, MR Abadi, YM Chang, *Aerosol and Air Quality Research*, 1-9 (2012).
7. Ma, L.-L., Qin, Z.-H., Zhang, L., Liu, X., , *Ranliao Huaxue Xuebao/Journal of Fuel Chemistry and Technology*, 42 (3), pp. 277-283, ISSN: 1872-5813 (2014).
8. Zhang, D., & Yani, S., *Proceedings of the Combustion Institute*, 33(2), 1747-53 (2011).
9. Grzybek, T., Pietrzak, R., & Wachowska, H *Energy & fuels*, 18(3), 804-809, (2004).
10. Hsi, H. C., Rood, M. J., Rostam-Abadi, M., & Chang, Y. M., *Aerosol Air Qual Res*, 13(02),730 (2013).

2. J.Yperman, D.Franco, J.Mullens, G.Reggers, M.D.'Olieslaeger, L.C.Van Poucke; S.P. Marinov, (1995), *Atmospheric Pressure Temperature Programmed Reduction (AP-TPR) as a tool to investigate the changes in sulphur functionalities in solid fuels, Composition, Geochemistry and Conversion of Oil Shales*, (Ed.C.Snape) *Publ. By Kluwer Acad.Publ., The Netherlands, NATO ASI, Ser.C., 455, pp. 449-459.*

1. Rufael, T.S., Williams, C.M., *MRS Online, Procced. Libr. Arch.*, 801.

3. Marinov*, S.P., G.Tyuliev, M.Stefanova, R.Carleer and J.Yperman, *Fuel Proces.Technology*, 2004, 85, pp.267-277, "Low rank coals sulphur functionality study by AP-TPR/TPO coupled with MS and potentiometric detection and by XPS".

Цитира се в:

1. Domazetis,G., Raoarun,M.,Jama, B.D., liesegang, J., Pioran,P.J., Brack,N.,Gluisher,R.,*Fuel Proc.Technol.*, 20 (4),pp.1556-64, 2006.
2. Li, P.-S., Hu, Y., Yu, W., Yue, Y.-N., Xu, Q., Hu, S., Hu, N.-S., Yang, J. *Journal of Hazardous Materials*, 167 (1-3), pp. 1126-32, 2009.
3. Liu, F.-R., Li, W., Chen, H.-K., Li, B.-Q., *Journal of Fuel Chemistry and Technology*, 34 (6), pp. 655-659, 2006.
4. Hu Yi, Hu Niansu, Li Peisheng, Li Jie, Yu Wan, Yang Jun, Yue Yanan and Yang Guolu, pp. 169-173 in book "Challenges of Power Engineering and Environment", Springer B.H., 2007.
5. Ruiz, E., Sancher, J.M., Otero, J.,*Industri and Engin.Chemistry Research*, 43 (22),pp.6964-77, 2004.
6. Zhang,L., Li,Z., Li,J., Zhou,Y., Yang,Y., Tang,Y., *Molecules*, 2015, 20 (12) 22241-56.
7. Hu Yi, Hu Niansu, Li Peisheng, Li Jie, Yu Wan, Yang Jun, Yue Yanan and Yang Guolu, 169-173 in book "Challenges of Power Engineering and Environment", Springer B.H., 2007.
8. J.Huang, Z.Bai, Z.Guo, Wen Li, J. Bai, *J.Anal.Appl.Pyrol.*, 97 143-148, 2012.
9. Liu, H., Luo, G.-Q., Hu, H.-Y., Zhang, Q., Yang, J.-K., Yao, H. *Journal of Hazardous*

Materials, 235-236 , pp. 298-306, **2012**.

10. YAO Qiu-Xiang DU Mei-Li YANG Xi-Yuan, *Coal Engineering*, 45, **2013**.
11. Li, D., Zhang, C., Xia, J., Tan, P., Yang, L., Chen, G., *Energy & Fuels* , 27, 3446-53, **2013**.
12. Насэдкин, Д.Б., І.В.Бабіч, Ю.В. Плюто, *Поверхность*, (2011),**3**, 180-190.
13. Ströhle, J., Chen, X., Zorbach, I., Epple, B., 186 (4-5), pp. 540-551 (**2014**).
14. Hu,H., Fang,Y., Liu,H., Li,A.,Yao,H.,*Chemosphere*, 97, 102-7. ISSN: 0045-6535, **2014**.
15. Ma, L.-L., Qin, Z.-H., Zhang, L.*Ranliao Huaxue Xuebao/Journal of Fuel Chemistry and Technology*, 42 (3), pp. 277-28. ISSN:1872-5813, **2014**.
16. Li, M., Yang, J.-H., Zhang, Q.-F., Chang, H.-Z., Sun, H., *Ranliao Huaxue Xuebao/Journal of Fuel Chemistry and Technology*, 42 (2),138-145. ISSN:1872-5813, **2014**.
17. Shuai Liu, Mengmeng Wei, Yu Qiao , Zhenle Yang, Ben Gui, Yun Yu, Minghou Xu, *Proceedings of the Combustion Institute*In Press, Corrected Proof, ISSN:1540-89, **2014**.
18. Z. QIN, H. Zhang, D. Dai, C. Zhao, L. Zhang, *Journal of Fuel Chemistry and Technology*, 42.11: 1286-94, **2014**.
19. Zhang, L., Li, Z. , Yang, Y, Zhou, Y., Kong, B., Si, L., *Fuel*, **184**, pp. 418-429, **2016**.
20. Ren, J., Tian, K., Jia,L. ,Han, X., Zhao, M., *Biocon .Chemistry*, V. 27,(10), 2266-22, **2016**.
21. Wang,Z.,Li,Q.,Lin,Z.,Whiddon,R.,Qiu,K.,Kuang,M.,Cen,K., *Fuel*, **164** ,254 – 261, **2016**.
22. Choudhury, R., Gupta, U. N., Waanders, F. B., Saikia, B. K. , *Arabian Journal of Geosciences*, **9**(2), 100, **2016**.
23. Zhang, L., Li, Z., Yang, Y., Zhou, Y., Si, L., & Kong, B.,*Molecules*, **21** (5), 630, **2016**.
24. Liu, J., Li, G.-Q., Chen, L., Wang, Y., Xu, Y., Qiao, X.-X., Zhang, Y.-F., *Fuel Processing Technology*, **151**, pp. 40 – 49, **2016**.
25. Z Jun, L Hua, Y Yongliang, L Hu, Z Yinbo, *Coal Mine Safety*, **47** (5), pp.85-88, **2016**.
26. S. Lee, Y. Kim, T. Kim, K. Lee, C. Lee, *Trans. of the Korean Hydrogen and New Energy Society*, **27** (1), pp. 63-70, **2016**.
27. Duan, Y., Duan, L., Anthony, E.J., Zhao, C. , *Fuel*, **189**, pp. 98-106, **2017**.
28. Djokic, M.R., Ristic, N.D., Olanova, A.N.Marin, G.B.Van Geem, K.M., *Journal of Chromatography*, A 1509, pp. 102-113, **2017**.
29. D. Lian, R.Zhang, J.Lu, J.Dai, *High Performance Polymers*, **30** (3), pp. 328-338, **2017**.
30. Lin, B.,Al. Mallah, M.M.,Huang,Q., Ali, M.,Chi,Y.,*Energy&Fuels*, **31** (7),7004-70, **2017**.
31. Yuan, L., Feng, S., Hu, Y., Fan, *Journal of Fire Sciences*, **35**, (6), pp. 521-534, **2017**.
32. Lian D. , Zhang, R. , Lu, J. , Dai, J., *High Performance Polymers*, **30** (3), 328-338, **2018**.
33. Zhang, L., Li, Z., He, W., Li, J., Qi, X., Zhu, J., Zhang, X., *Fuel*, 222, 350-361, **2018**.
34. Yuan, W., Xu, W., Zhang, Z., Wang, X., Zhang, Q., Bai, J., & Wang, J., *Chemosphere*, 227, 657-661, **2019**.
35. Wang, M., Du, Q., Li, Y., Xu, J., Gao, J., & Wang, H., *J of Analytical and Applied Pyrolysis*, **2019**.

4. Marinov*, S.P., M.Stefanova, R. Carleer, J. Yperman, *Fuel Proc. Tech.*, 2005, 86, pp.523-534, "Sulphur functionality study of steam pyrolyzed "Mequinenza" lignite using reductive pyrolysis technique coupled with MS and GC/MS detection systems".

Цитира се в:

1. Qin S., Sun Y., Tang Y., *Geochemical Journal*, **44** (4), pp.247-259, **2010**.
2. M.E.Mochado, E.B.Caramao, C.A. Zini, *J. Chromatography A*,**1218**(21), 3200-07, **2011**.
3. M.Xing, J.Kong, J.Dong, H.Jiao, F.Li, , *Env. Engin.Sci.*, 30,273-279, **2013**.
4. Wei, Q., Tang, Y.-G., Li, W.-W., Li, L., Zhao, Z.-F. *Meitan Xuebao/Journal of the China Coal Society* , 40 (8),1911-1923, **2015**.
5. Kalenga, P. M.,Cukrowska,E.,Tutu, H.,Chimuka, L.,*South Afr. J.of Chem.*, **2011**, **64**, 254-2.
6. FAN, X. X., Kai, Y. A. N., SUN, R. F., YANG, L. G., & GUAN, H. B. *DEStech*

Transactions on Materials Science and Engineering, (msce), (2016).

7. Maciel, G. P. D. S., Silva, J. M. D., Bispo, M. D., Krause, L. C., Jacques, R. A., Zini, C. A., & Caramão, E. B. Samer, Mohamed (Editor). *Pyrolysis [recurso eletrônico]. Rijeka, Croatia: INTECH*, pp.[89]-125, 2017.

8. Amjed N. ,I. Bhatti, K. Arif, M. Zahid, Polish Journal of Environmental Studies, February, DOI10.15244/pjoes/70632, 2018.

5. Minkova V., Marinov* S.P., Zanzi R., Bjornbom E., Budinova T., Stefanova M., Lakov L., “Thermochemical treatment of biomass in a flow of steam or in a mixture of steam and carbon dioxide”, *Fuel Processing Technology*, 2000, 62 (1) , pp. 45-52. ISSN: 0378-3820.

Цитира се в:

1. Tseng, R.-L., *J. of Colloid and Interface Science*, 303 (2), pp.494-502, 2006.
2. Qi, W.Y., Hu, C.W., Li, G.Y., Guo, L.H., Yang, Y., Luo, J., Miao, X., Du, Y. *Green Chemistry*, 8 (2), pp.183-190, 2006.
3. L.Garcia, M.L.Salvador, J.Aranzo, R.Bilbao, *Fuel Proc. Technol.*, 69, pp.157-174, 2001.
4. Yourgun S., Simsek Y.E., *Energy Source*, 25 (8): pp.779-790, 2003.
5. Devi L., Ptasinski K.J., Janssen F.J.J.G., *Biomass Bioenergy*, 24 (2): pp.125-140, 2003.
6. Encinar J.M., Gonzalez J.F., Gonzalez J., *Fuel Proc. Technol.*, 75 (1): pp.27-43, 2002.
7. Van Walsum G.P., *Appl. Biochem. Biotech.* , 91-3: pp.317-329, 2001.
8. Bonelli, P.R., Della Roca, P.A., Cerrella, G.E., Cukierman, A.L., *Therm. Biom. Conv.*, 2001, 1116-28.
9. Feng-Chin Wu, Ru-Ling Tseng et al., *J. of Power Sources*, 138, pp.351-359, 2004.
10. Yaman, S., *Energy Conv. Managem.*, 2004, 45 (5), p.651.
11. Basco, M.C., Cukierman, A.L., *Industrial and Engin. Chem. Research*, 44 (7), pp.2091-2100, 2005.
12. Basco, M.C., Cukierman, A.L., *Sep. Sci. & Techn.*, 41(1), pp.149-165, 2006.
13. Senoz, S., Demiral, I., Gercel, H.F., *Bioresourse Techn.*, 2006, 97 (3), pp.429-436.
14. Ru-Ling Tseng, *J. of Colloid and Int. Science*, 2006, V.303 (2), pp.494-502.
15. Alonso Pippo W., Garzone, P. and Cornacchia G., *Waste Management*, 2007, 27 (7), pp.869-885.
16. Ersan Putun, Basak Burcu Uzun and Ayse Eren Putun, *Biomass and Bioenergy*, 2006, V.30(6), pp.592-598.
17. Ioannidou, O., Zabaniotou, A., *Renewable and Sustainable Energy Reviews*, 2007, 11 (9), pp. 1966-2005.
18. A.Zubrik, L.Turcaniova, V.Jezova, S.Cuvanova, M.Skybova, *Journal of Alloys and Compounds (Corrected Proof)*, 2006.
19. Butterman, H.C., Castaldi, M.J., *Industrial and Engineering Chem. Research*, 2007, 46 (26), pp.8875-86.
20. Mahishi, M.R., Goswami, D.Y., *International Journal of Hydrogen Energy*, 2007, 32 (16), pp.3831-3840.
21. Lori, J.A., Lawal, A.O., Ekanem, E.J., *Journal of Applied Sciences*, 2007, 7 (21), pp. 3249-55.
22. Jindarom, C., Meeyoo, V., Kitiyanan, B., Rirksomboon, T., Rangsunvigit, P., *Chemical engineering Journal*, 2007, 133 (1-3), pp.239-246.
23. Galvagno, S., Portofno, S., Casciaro, G., Casu, S., D'Aquino, L., Martino, M., Russo, A., Bezzi, G., *Journal of Materials Science*, 2007, 42 (16), pp. 6878-86.
24. Arvanitoyannis, I.S., Kassaveti, A., Stefanatos, S., *International Journal of Food Science and Technology*, 2007, 42(7), pp.852-867.

25. Jindarom,C., Meeyoo,V., Rirksomboon,T., Rangsunvigitt,P., *Chemosphere*, **2007** ,67 (8),pp.1477-1484.
26. Dobre,T., Parvulescu, O.C., Iavorschi, G., Sandu,I., CHISA 2006 - 17-th International Congress of Chemical and Process Engineering, **2006**.
27. Xiao, R., Chen, X., Wang, F., Yu, G., *Applied Energy* ,**2010**,87 (1), pp. 149-155.
28. Yang, K., Peng, J., Xia, H., Zhang, L., Srinivasakannan, C., Guo, S., *Journal of the Taiwan Institute of Chemical Engineers*, **2010**, 41 (3), pp.367-372.
29. Caliskan, E., Görtürk,S., *Separation Science and Technology*, **2010**, 45 (2), pp.244-255.
30. Peng J., Zhao Z., Li H.,Wang X.,Nongye Gongcheng Xuebao/Transaction of the Chinese Society of Agricultural Engineering, **2010**,26 (6), pp.251-256.
31. Kempegowda, R., Assabumrungrat,S.,Laosivipojana, N., , Intern. J. of Chemical reactor Engineer., 8, art. № A158, **2010**.
32. Liou, T.-H., Wu, S.-J. *Journal of Hazardous Materials*, **2009**,171 (1-3), pp. 693-703.
- 33.Essa, M.H., Al-Zahrani, M.A. *International Journal of Applied Environmental Sciences*, **2009**, 4 (1), pp. 47-58.
34. Ghidossi, R., Bonnet, J.-P., Rebollar-Perez, G., Carretier, E., Ferrasse, J.-H., Vicente, J., Topin, F., Moulin, P. *J. of Materials Processing Technology*, **2009**, 209 (8), pp. 3859-68.
35. Skoulou, V., Swiderski, A., Yang, W., Zabaniotou, A. *Bioresource Technology* ,**2009**, 100 (8), pp. 2444-51.
36. Chiang, W.-F., Fang, H.-Y., Wu, C.-H., Huang, C.-J., Chang, C.-Y., Chang, Y.-M., Chen, C.-L. *Journal of the Air and Waste Management Association*, **2009**, 59 (2), pp. 148-154.
37. Butterman, H.C., Castaldi, M.J. *Proceedings of the 16th Annual North American Waste to Energy Conference, NAWTEC16*,**2008**, pp. 157-172.
38. Neelameggham, N.R., Deo, M., *Proc. of the 2008 Global Symposium on Recycling, Waste Treatment and Clean Technology, REWAS 2008*, pp. 1815
- 39.Butterman, H.C., Castaldi, M.J., *Air and Waste Management Association - 27th Annual International Conference on Thermal Treatment Technologies*, **2008**, 1, pp. 408-442.
40. Ionnidou,O.A., George,S., Zabaniotou, A.A., *High Temperature Materials and Processes*, **2008**, 27 (5), pp. 355-360.
- 41.Tseng, R.-L., Tseng, S.-K., Wu, F.-C., Hu, C.-C., Wang, C.-C., *Journal of the Chines Institute of Chemical Engineers*, **2008**, 39 (1), pp. 37-47.
42. Jindarom, C., Meeyoo, V., Rirksomboon, T., Rangsunvigitt, P. *Chemosphere*, **2007**, 67 (8), pp. 1477-84.
43. Ioannidou, O.,Zabaniotou,A., *Renewable and Sustainable Energy Reviews*,**2007**,11(9), pp.1966-05.
44. Pütün, E., Uzun, B.B., Pütün, A.E. *Biomass and Bioenergy*, **2006**, 30 (6), pp. 592-598.
- 45.Wu, F.-C., Tseng, R.-L., Hu, C.-C., Wang, C.-C., *Journal of Power Sources*, **2004**, 138 (1-2), pp. 351-359.
46. C.Briens,J.Piskorz, F.Berruti-I., *J.of Chemical*, **2008**, V.6.
47. K.Bratak, W.Bratak, M.Kulazynski – Polish J. Of Chem. Techn., **2005** , pp.102-105.
48. S.Masayuki, **2005**,Thesis, Dep.Int.Develop.Engin., Tokyo Inst. Of Techn.
49. Butterman, H.C., Castaldi, M.J., *Environmental Engin. Science*, **2010**, 27 (7), pp.539-555.
50. G.Peter van Walsu, *Appl. Biochem. And Biotechn*,**2001**, V. 91-93, pp. 317-329.
51. Elif Çalışkan ,Sinem Göktürk,*Separation Science and Technology* , **2010**,V.45.
52. A. V. Bridgwater,P.R. Bonelli, P.A. Della Rocca, G.E. Cerrella, A.L. Cukierman Published Online: 7 APR(**2008**), *Progress in Thermochemical Biomass Conversion* ,Chapter 90, (Eds.A.V.Bridgwater), *Comparative Study on Char Properties and Pyrolysis Kinetics of Different Lignocellulosic Wastes*.

53. J.A.Lori,A.O.Lawal and E.J.Ekanem, J.Applied Scien., **2007**, V.7 (21), pp.3249-55.
54. L. Garcia, M.L.Salvador et al.,”Progress in Thermochemical Biomass Conversion” by A.Bridgwata, book, **2008**, pp.346-358.
55. M.Xia, Hu Changwei, L.Jia et al., Paper of Sichuan Univ. **2009**.
56. Min F, Zhang M, Chen Q, Chen M, J. of China Coal Soc., **2006**, V. 31 (5).
57. P.Junxia, Z.Zengli et al., Transakt. of the CSAE, **2010**, V. **26** (6), pp. 251-256.
58. Mei Q, Zhou J, Chen Q. et al., Energy Engin.,**2010**.
59. Li J., Fei M., Ai, J.G., Li, J. , Proceed. Int. Conf. on Computer Distr. Control and Intellig. Environmental Monitoring. CDCIEM 2011, art. № 574 8021, (**2011**), pp. 1169-72.
60. Zang,H., Xiao,R., Wang,D. He, G., Shao, S., Zhang, J., Zhong, Z., Bioresource Technology, **2011**, 102 (5), pp.4258-64.
61. Fini, E.H., Kalberer, E.W., Shahbazi, A. Basti, M., You, Z., Ozer, H., Aurangzeb, Q., *J. Materials in Civil Engineering*, **2011**, 23 (11) pp. 1506-1513.
62. Liu, M., Xu, G., Li, G. *Int. Conf. Multimedia Technology, ICMT 2011*, art. No 6003362, (**2011**), pp. 4454-57.
63. Pilon, G., Lavoie, J,-M., *WIT Transaction on Ecology and the Environment*, **2011**, 143, pp. 109-121.
64. J.Huang, X.Tan, Y.Yang et al., Adv. Science, **2011**.
65. ZhiYi, XiaoQian Ma, YuTing Tang, Hai Lin, Fuel Proc. Technol., **2012**, 102, 18-23,
66. Melligan, F., Hayes, M.H.B., Kwapinski, W., Leahy, J.J., *Energy and Fuels*, **2012**, 26 (10) , pp. 6080-90.
67. Skoulou, V., Zabaniotou, A., *Catalysis Today* , **2012**, 196 (1) , pp. 56-66.
68. M.Rafatullah, T.Ahmad, A.Ghazali et al., Crit.Rev. in Environmental Science and Technology, **2012**, 43(11).
69. K.T.Klasson, C.Bergeron, D.J.Carrier, S.Ramaswamy, in Biorefinery Co-Products, ed: John Wiley & Sons, Ltd, **2012**,pp.327-350.
70. P.Chavan, S.Datta, S.Sakha, G.Sakha, T.Sharma, XTT, **2012**, №12, 40-46.
- 71.Lai, Z., Ma, X., Tang, Y., Lin, H. , *Fuel Processing Technology* , **2012**, 102 , pp. 18-23.
72. *MS Islam, MA Rouf*, Bangladesh J. of Scient. And Industr. Research, **2012**,V.47,No.
- 73.Yonghui Bai, Pei Wang, Lunjing Yan, Changlong Liu, Fan Li, Kechang Xie, *J.Anal.Appl.Pyrol.*, **2013**, 104, 202-209.
74. P. Kalyani, A. Anitha , A. Darchen, *Int. J. Hydrogen Energy*, **2013**, 38, 10364–72.
75. Xiao,R., Yang,W., *Renewable Energy*, **2013**, 50, 136-14.
76. K. Palanichamy, A.Ariharaputhiran, *Int. J. Hydrogen Energy*, **2013**, 38 2263-70.
77. C.Guizani, F.J. Escudero Sanz, S Salvador, *Fuel*, **2013**, 108, 812-823.
78. M.Rafatullah, T.Ahmad, A.Ghazali, Critical Reviews in Environmental Science and technology, **2013**, 437, *Taylor&Francis*, ISSN: 1064-3389 (Print).
- 79.Wu, K.-T., Wu, P.-H., Wu, F.-C., Jreng, R.-L., Juang, R.-S., *Chemical Engineering Journal* ,**2013**, 221,373-381, ISSN:1385-8947.
80. Liao, J., Xiao, J., Shen, L., Chang, L. Carbon dioxide adsorption property of activated carbon from biomass, *Taiyangneng Xuebao/Acta Energiæ Solaris Sinica*, **2013** , 34 382-387 ISSN: 0254-0096.
81. C.Ma, K.Song, J Yu, L Yang, C.Zhao, W.Wang, *J.Anall.Appl. Pyrol.*, **2013**, 104 38-47, ISSN: 0165-2370.
82. Mesa-Pérez, J.M., Cortez, L.A.B., Marín-Mesa, H.R., Peláez-Samaniego, M.R., Cascarosa, E., *Applied Thermal Engineering* , **2014**, 65 (1-2), pp. 322-329. ISSN: 1359-4311
83. Xin, X., Cheng, X., Fan, T.,Tian, W., Xiao, Y., *Taiyangneng Xuebao/Acta Energiæ Solaris Sinica*, **2014**, 35 (4), pp. 681-685. ISSN: 0254-0096
- 84.Victor Pozzobon , Sylvain Salvador, Jean Jacques Bézian, Mouna El-Hafi, Yannick Le Maoult, Gilles Flamant, *Fuel Processing Technology*, **2014**, V.128, pp. 319–330.

85. Ashwini Tilay, Ramin Azargohar, Regan Gerspacher, Ajay Dalai, Janusz Kozinski, *BioEnergy Research*, March **2014**. ISSN:1939-42.
86. Feng-Chin Wu, Pin-Hsueh Wu, Ru-Ling Tseng, Ruey-Shin Juang, *Journal of the Taiwan Institute of Chemical Engineers*, **2014**, V. 45, Issue 5, pp. 2628–39. ISSN:1876-1070.
87. Ma, Chunhui, et al. , *Molecules* 19.12 (**2014**): 20821-38.
88. Shoaib, Muhammad, and Hassan M. Al-Swaidan. , *Journal of the Chemical Society of Pakistan*, **2014**, 36. 4.
89. Wu, Tzi-Yi, et al. "Journal of the Taiwan Institute of Chemical Engineers." (**2014**).
90. Pilon, G., and J. M. Lavoie., *WIT Transactions on State-of-the-art in Science and Engineering*, **2014**, 83: 67-78.
91. S. Valin', M. Grateau, S.Thiery, G. Gauthier, F. Defoort, T.Melkior, *Fuel*, **2015**, V. 139, pp.584–593.
92. L.Zaccariello, M.L.Mastellone, *Energies*, **2015**(8),8052-68.
93. Rostamian, R., et al. , *J. of Agricultural Science and Technology*, **2015**, 17.4: 1057-69.
94. Shoaib, Muhammad, and Hassan M. Al-Swaidan, *Hemijska industrija*, **2015**, 00: 22-22.
95. Adegoke, Kayode Adesina, and Olugbenga Solomon Bello., *Water Resources and Industry*, **2015**.
96. Zhai, Ming, et al. , *Fuel* ,**2015**, 158: 42-49.
97. Ding, M.-Y., Xiong, W., Tu, J.-L., Ma, L.-L., Li, Y.-P. , *Chemistry and Industry of Forest Products*, **2015**, 35 (1), pp. 145-150.
98. Li Wei, HE Karahan, S.Zhai, Y.Chen, *J.of Energy Chemistry*, **2015**, 12.
99. Singh, Bharat. , *International Research Journal of Pure&Applied Chemistry*,**2015**, 8(3): 147-156.
100. Rostamian, R., Heidarpour, M., Mousavi, S.F., Afyuni, M., *Fresenius Environmental Bulletin*, **2015**, V.24, pp. 1649-1658.
101. Sudhanshu Kanaujia, Bharat Singh and Sanjay Kumar Singh, *International Research Journal of Pure &Applied Chemistry*, **2015**, 8(3): 147-156, Article no.IRJPAC.2015.080 , ISSN: 2231-3443.
102. Wei, L., Karahan, H.E., Zhai, S., Yuan, Y., Qian, Q., Goh, K., Ng, A.K., Chen, Y., *Journal of Energy Chemistry*, (**2016**), 25 (2), pp. 191-198.
103. Sh. Muhammad, Al-Swaidan Hassan M., *Hemijska industrija*, **2016**, 70 (2), pp.151-157.
104. Beker SA. , Machado ME , Maciel GPS , Silva R , Cataluña R , Caramão EB , Bento FM , *Journal of the Brazilian Chemical Society*, **2016**, 27 (1), pp.91-98, São Paulo Jan. ISSN 1678-4790.
105. Rahmat, S.N., Mohd Ali, A.Z., Wan Ibrahim, M.H., Alias, N.A., *MATEC Web of Conferences, EDP Sciences*, **2016**, 87, 1010.
106. Zaini, M.S.M., Syed Hassan, S.S.A., *Malaysian Journal of Analytical Sciences*, **2016**, 20 (6), pp. 1390-1397.
107. Li Wei, H.Enis Karahan, S. Zhai, Y. Yuan, Q. Qian, K. Goh, A. Keong Ng, Y. Chen, *Journal of Energy Chemistry*, **2016**, 25 (2), pp.189-196.
108. С.А. Баскаков, Ю.В. Баскакова, В. М. Мартыненко, А. С. Лобач, С. А. Васильев, Ю. М. Шульга, А. А. Арбузов, А. А. Володин, Ю. М. Вольфович, В. Е. Сосенкин, Н. Ю. Шульга, Ю. Н. Пархоменко, А. Мищенко, Йогеш Кумар, А. Л. Гусев, *Альтернативная энергетика и экология (ISJAEE)*, **2016**, 9 (10), 25-42.
109. Soori, M. M., Ghahramani, E., Kazemian, H., Al-Musawi, T. J., Zarrabi, M., *Journal of the Taiwan Institute of Chemical Engineers*, **2016**, pp.1-15.
110. YT Tang, XQ Ma, ZH Wang, QH Yu, Z Wu, *Thermochim. Acta*, **2017**, 657 , pp.12-19.
111. Feng D. , Zhao Y., Zhang Y., Che H., Sun S., *International Journal of Hydrogen Energy*, **2017** 42 (38), pp. 24035-46.
112. Erabee,I.K., Ahsan,A., Zularisam, A.W., Sathyamutry, R., Al-Rawajfeh, A.E.,

- Engineering Journal*, **2017**, 21 (5), pp.1-14.
113. Guida M.Y., *Indian Journal of Environmental Protection*, **2017**, 37 (8), pp.632-646.
114. Guida, M. Y. and A. Hannioui, *Progress in Agricultural Engineering Sciences*, **2017**, 13 (1), pp.13-33.
115. Bhunthong, S., Aussawasathein, D., Hrimohum, K., Sriphalang, S.N, *Ciang Mai Journal of Sciences*, **2017**, 44 (2), pp.544-556.
116. Fu, J., Liu J., Sun,S., Zhuo Z., Liang K., *Huanjing Kexue Xuebao/Acta Sciental Circumstantial*, **2017**, 37 (3) pp.1021-1031.
115. Zhao, R., Yang, N., Liu L., Duan, R., Wang D., *Chemical Engineering Transactions*, **2017**, 61, pp. 829-834.
117. D. Vaibhav and T. Bhaskar, *Renewable Energy*, **2017**, pp.1-22.
118. R Wen, B Yuan, Y Wang, W Cao, Y Liu, Y Jia, Q Liu, *Environmental Science and Pollution Research*, **2017**, pp.1-10.
119. H. Anjum, F. Chemat, N. Gnanasundaram, *Air, Gas, and Water Pollution Control Using Industrial and Agricultural Solid Wastes Adsorbents*. Routledge, **2017**, pp.293-312.
120. Zhuo, Z., Liu, J., Sun, S., Kuo, J., Sun, J., Chang, K. L., & Fu, J., *Water Environment Research*, **2018**, 90(1), 30-41.
121. Yang M. , Bo Luo, Jingai Shao,Hanping Chen, *Journal of Renewable and Sustainable Energy* 10(1):013108, February **2018**, DOI10.1063/1.5005013.
122. Gulab H. , K. Hussain, S. Malik, M. Hussain, March **2018**,Springer, DOI 10.1007/s12649-018-0238-5.
123. DHYANI, Vaibhav; BHASKAR, Thallada, *Renewable Energy*, **2018**, 129: 695-716.
124. Ao, W., Fu, J., Mao, X., Kang, Q., Ran, C., Liu, Y., & Dai, J., *Renewable and Sustainable Energy Reviews*, **2018**,92, 958-979.
125. Liu, Z., Zhang, F., Liu, H., Ba, F., Yan, S., & Hu, J., *Bioresour. technology*, **2018**, 249, 983-991.
126. Wen, R., Yuan, B., Wang, Y., Cao, W., Liu, Y., Jia, Y., & Liu, Q., *Environmental Science and Pollution Research*, **2018**, 25(6), 5105-14.
127. X.P. Zhang, Chang-Jun Liu, Ren Q., Zhang S., *Green chemical engineering in China*, *Reviews in Chemical Engineering* , February **2019**, DOI: 10.1515/revce-2017-0038.
128. Ahmet Gurses, In book: *Integrating Green Chemistry and Sustainable Engineering, Natural Products in Adsorption Technology*, March **2019**, DOI: 10.1002/9781119509868.ch13.
129. Hoang Nguyen, Mohamad Jamali moghadam, Hossein Moayedi ,*Journal of Material Cycles and Waste Management* , **2019**, DOI: 10.1007/s10163-019-00872-y.
130. Weng, Z., Lin, J., Yan, M., Su, H., Zhang, S., Wang, G., & Kanchanatip, E., *Energy Procedia*, **2018**, 152, 1278-1283.
131. Zaini, M., Mohd, S., & Syed-Hassan, S. S. A., *Recent Innovations in Chemical Engineering (Formerly Recent Patents on Chemical Engineering)*, **2018** 11(1), 50-59.
132. Guan, L., Li, C., Sun, F., Hu, L., Gao, F., & Lin, Y. *Journal of nanoscience and nanotechnology*, **2018**,18(12), 8289-95.
133. Xie W , Wen S , Liu J , Xie W , Kuo J , Lu X , Sun S , Chang K , Buyukada M , Evrendilek F, *Bioresource Technology*, **2018**, 255:88-95.
134. Rostamian, R., Heidarpour, M., Afyuni, M., & Mousavi, S. F. (**2018**). Characterization and Sodium Sorption Capacity of Biochar and Activated Carbon Prepared from Rice Hus.
135. Sun, Y., Chen, J., & Zhang, Z. (**2019**). Biomass gasification using the waste heat from high temperature slags in a mixture of CO₂ and H₂O. *Energy*, 167, 688-697.
136. Gulab, Hussain, Khadim Hussain, Shahi Malik, and Muhammad Hussain. "Effect of Process Conditions on Bio-oil Composition and Production from Catalytic Pyrolysis of Water Hyacinth Biomass." *Waste and Biomass Valorization* 10, no. 9 (**2019**): 2595-2609.

6. Stefanova, M., Marinov, S., Jan Yperman and Robert Carleer, *Fuel*, 2005, 84, pp.71-79, "Reductive pyrolysis of Miocene-aged lignite lithotypes using MS and GC/MS detection systems for analysis of organic sulphur groups".

Цитира се в:

1. M.Yossifova, S.Valceva, Sp.Nikolova, *Fuel Proc. Technol.*, **2011**, 92, pp.825-835.
2. Materazzi, S., Vecchio, S., *Appl. Spectroscopy Reviews*, **46** (4), pp. 261-340, **2011**.
3. Zhang,D., Yani,S., *Proceed. Comb. Inst.*, **2011**, 33 (2), 1747-53.
- 4.Schumann,R.,Stewart,W.,Miller, S.,Kawashima,N., Li,J.,Smart,R.,*Scien.Total Envir.*,**2012**,424, 289.
5. M.Xing, J. Kong, J.Dong, H.Jiao, *Envir. Engin. Science*, **2013**, 30, 273-279, ISSN:1092-8758.
6. P.Aytar, D.O.Aksoy, Y.Toptas, A.Cabuk, S.Kosa, H.Kosa, *Fuel*, **2014**, 116, 634-641.
7. Han,F., Meng,A., Li,Q., Zhang, Y., *J.Energy Inst.*,**2016**, 89, 94-100.

7. Marinov, S.P., M.Stefanova, V.Stamenova, L.Gonsalvesh, R.Carleer and J.Yperman, *Journal of Fuel Chem. and Technology*, 2006, 34 (№ 3), pp.257-264, "Sulphur analysis of household briquettes using MS and GC/MS detection systems after reductive pyrolysis", ISSN 0253-2409.

Цитира се в:

1. Yang Hui-min, W.Mei-jun, C. Li-ping, *Modern Chemical Industry*, **2009**, "Effects of reaction atmosphere on sulphur transfer and release during coal pyrolysis".
2. P.Gadjanov, *Bul. of the Geol. Society of Greece*, **2007**, "PAH's in fly ash from lignite combustion".
3. F.Liu, W Li, B Li, Z Bai, *J.of Fuel Chem. and Technol.*, **2008**,V.**36**, pp.6-9,

8. Gonsalvesh L., Marinov SP, Stefanova M., R.Carleer, J.Yperman, *Fuel*, 2011, "Evaluation of elemental Sulphur in biodesulphurized low rank coals".

Цитира се в:

1. Nair, K.K., Siddiqi, W.A., Kumar, R., R.Gogoi, Srivastava, C., Gopal, M., *Journal of Separation Science*, **2014**, 37 (9-10), pp. 1126-1133. ISSN:1615-9314.
2. Zheng, Dong, et al., *Journal of The Electrochemical Society* , **2015**, 162.1: A203-A206.
3. Al-Zahrani, Ibrahim, et al. ,*Journal of Chemistry* , **2015** .
4. Shamshiri Kourdestan,S., Habibi A., Ahmadi, M.,*Geomicrobiology Journal*, **2017**, 34 (4), pp.328-337.
5. Qi, X., Zhang, H., Zhang, C., Zhu, Z., Zhen, K., & Yang, L. (2019). The flotation behavior of coal-pyrite in high-sulfur coal. *Separation Science and Technology*, 54(16), 2718-2728.

9. Marinov, SP., M. Stefanova, L. Gonsalvesh, V. Groudeva, P., Gadjanov, R. Carleer, J. Yperman, "Biodesulphurized low rank coal appraisal: Initial, treated, their bitumens and solid residues" , *Fuel Proc. Tech.*, 2011, 92, 2328-2334.

Цитира се в:

1. P. Aytar, CM Kay, MB Mutlu, A Cabuk, *Energy&Fuels*, **2013**, In print, ACS Publications, ISSN:0887-0624.

2. Yang, Xinping, et al., *Canadian journal of microbiology*, **2014**, 61.1: 65-71.
3. Xia, Wencheng, Guangyuan Xie, Yaoli Peng, *Powder Technology*, **2015**, 277: 206-221.
4. Zhang Xiaoying, Tang Shiyang, Zhang Shuhua, *Chemical Engineer*, **2016**年 第7期, (7), pp.49-52.
5. Pyshyev, S., Prysiashnyi, Y., Shved, M., Namiesnik, J., Bratychak, M., *Critical Reviews in Environmental Science and Technology*, **2017**, 47(24), 2387-2414.

10. L.Gonsalvesh, SP. Marinov, M.Stefanova, Y.Yurum, A.G.Dumanli, G.Dinler-Doganay, N.Kolankaya, M.Sam, R.Carleer, G.Reggers, E.Thijssen, J.Yperman, “Biodesulphurized subbituminous coal by different fungi and bacteria studied by reductive pyrolysis. Part 1: Initial coal.” *Fuel*, 2008, 87, pp. 251-258.

Цитира се в:

1. M.Yossifova, S.Valceva, Sp.Nikolova, *Fuel Proc. Technol.*, **2011**, 92, pp.825-835.
2. Zubkova, V., *Anal. Bioanal. Chemistry*, **2011**, 399 (9), pp. 3193-09.
3. PK Singh, AL Singh, A.Kumar, *Fuel*, **2013**, 106, 876-879.
4. FF.Hong, H.He, JY Liu, XX Tao, L.Zheng, YD Zhao, *The Scient. World J.*, **2013** art.no.184964, **ISSN: 1537-744X**(Online).
5. Picoli,M.R., Astuti,P., Ahmad,F., Solihat,N.A., *Pros.SEMIRATA*, **2013**, 1(1).
6. Xia, Wencheng, Guangyuan Xie, Yaoli Peng, *Powder Technology*, **2015**, 277: 206-221.
7. Twardowska, Irena. , *Environmental Microbial Biotechnology*. Springer International Publishing, **2015**. 1-31.
8. SS Etemadzadeh, G Emtiazi, Z Etemadifar, *Current Microbiology*, **2016**, 72 (6),707-715.
- 9.Srabani Mishra, Nilotpala Pradhan, Sandeep Panda, A.Akcil, *Fuel Processing Technology*, **2016**, 152,pp.325–342.
10. Goyal, S.C.S., *J.Pharmacog. Phytochem.*, **2019**, 8 (6), 40-43.
11. Sh. Kourdestani Shatav, A.Habibi, and M. Ahmadi. *Geomicrob J.*, **2016**, pp. 1-10.
12. Ge Yufeng ; Xu Gang ; Liu Long ; Xu Xiaolin, *Journal of Shihezi University (Natural Science Edition)* (**2016/12/15**), pp. 524-528.
13. Iram, A., Akhtar, K., Ghauri, M.A., *Annals of Microbiology*, **2017**, 67 (3), pp. 275-286.
14. Shamshiri Kourdestani, S.Habibi A., Ahmadi, M., *Geomicrobiology Journal*, **2017**, 34 (4), pp. 328-337.
15. Ofori Sarpong, G., Adjei, D. K. and Amankwah, R. K., *Ghana Mining Journal*, **2017**, 17, (2), pp.56-65.
16. Mishra, S , Akcil, A. , Panda, S. , *Energy and Fuels*, **2018**,V. 32, Issue 3, 15 March pp. 2869-77.
17. Ye J, P.Zhang, G.Zhang, S.Wang, M.Nobi, Q.Zhang, H.Zhang, *Journal of Cleaner Production* , **2018**, 197(1):562-570.
18. Deska M. , Głodniok, M. , Ulfig, K., *Journal of Ecological Engineering*, **2018** | V. 19, No. 2, 213-220.
19. Çelik, P. A., Aksoy, D. Ö., Koca, S., Koca, H., & Çabuk, A.. *International journal of environmental science and technology*, **2019**, 16(4), 2115-32.
20. Mu, X. G., Jin, Z. X., Gao, F., Peng, Y., Gong, L. S., & Liu, J. F. *International Journal of Coal Preparation and Utilization*, **2019**, 1-14.

11. L.Gonsalvesh, SP. Marinov, M.Stefanova, R.Carleer, J.Iperman, "Organic sulphur alterations in biodesulphurized low rank coals", *Fuel*, 2012, 97, pp.489-503.

Цитира се в:

1. M.Xing, J. Kong, J.Dong, H.Jiao, Thiophenic Sulfur Compounds Released During Coal Pyrolysis, *Environmental Engin. Science*, 30 (2013), 273-279, ISSN: 1092-8758.
2. P.Aytar, D.O.Aksoy, Y.Toptas, A.Cabuk,S.Kosa,H.Koca, *Fuel*, 2014, 116, pp.634-641.
3. A. Bechtel, A. I. Karayığit, R. F. Sachsenhofer, H. İnaner, K. Christanis, R.Gratzer, *International Journal of Coal Geology*, V. 134–135, 15 November 2014, Pages 46–60, ISSN:0166-5162.
4. Yang, Xinping, et al., *Canadian journal of microbiology*, 2014, 61.1: 65-71.
5. Zhao, Hui-Ling, et al, *Fuel Processing Technology*, 2015, 131: 304-310.
6. Liu, Tong, Jinhui Hou, and Yaoli Peng., *Environ. Progress & Sustain. Energy*, 2015.
7. Xia, Wencheng, Guangyuan Xie, and Yaoli Peng., *Powder Technology*, 2015, 277: 206-221.
8. Twardowska, Irena. *Environmental Microbial Biotechnology*. Springer International Publishing, 2015. 1-31.
9. Wei, Q., Tang, Y.-G., Li, W.-W., Li, L., Zhao, Z.-F., "Research advances on organic sulfur structures in coal", *Meitan Xuebao/Journal of the China Coal Society*, 2015, 40 (8), pp. 1911-23.
10. J.Lasek, J.Zuwala, Prezemysl Chemiczny, 2015, 94 (4), 470-478.
11. Liu, Tong, Jinhui Hou, and Yaoli Peng, *Environmental Progress & Sustainable Energy*, 2016, 35 (2), pp. 374 - 37.
12. Meng, N., Jiang, D., Liu, Y., Gao, Z., Cao, Y., Zhang, J., Gu, J., Han, Y., *Fuel*, 2016, 186, pp. 394-404.
13. Liu, Tong, Jin-hui Hou, and Yao-li Peng, *Int. Journal of Mineral Processing*, 2017, 162,
14. Liu, Tong, Jin-Hui Hou, and Yao-Li Peng., *Environmental Progress & Sustainable Energy*, 2017, 36 (2), pp. 595-599.
15. Pájaro-Payares, A. A., Espinosa-Fuentes, E. A., Colpas-Castillo, F., Rodriguez-Ruiz, J., Fernandez-Maestre, R., & Meza-Fuentes, E. Efecto del *Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales*, 2017, 41 (160), 361-369.
16. Makgato, S.S., Chirwa, E.M., *Journal of Environmental Management*, 2017, 201, pp. 294-302.
17. Zhang, W., Yang, J., Che, X., *Journal of China University of Mining and Technology/Zhongguo Kuangye Daxue Xuebao*, (2017), 46 (4), pp. 877-887.
18. Maciel, G. P. D. S., Silva, J. M. D., Bispo, M. D., Krause, L. C., Jacques, R. A., Zini, C. A., Caramão, E. B., *Comprehensive two-Dimensional gas Samer, Mohamed (Editor). Pyrolysis [recurso eletrônico]. Rijeka, Croatia: INTECH*, 2017, pp.[89]-125.
19. Hou J., Y. Ma, S. Li, W. Shang, License [CC BY-NC-ND 4.0](#), April 2018, DOI: 10.1016/j.crcon.2018.04.004.
20. Hou J., Y.Ma, S.Li, J.Shi, L.He, J.Li, *Fuel*, 2018, Volume 231, 1 November, Pages 134-44.
21. Deska, M., Głodniok, M., Ulfing, K., *J. of Ecological Engineering*, 2018, Vol. 19 (2).
22. Tang L., S.Chen, S.Wang, X.Tao, H.He, L.Zheng, C.Ma, Y.Zhao, *Fuel Processing Technology*, 177, 2018, pp.194-199.
23. Hu, T., Yang, Y., Zhang, M., Gao, Y., Cheng, Q., & Ji, H. (2019). Biodesulfurization of coal using *Rhodococcus erythropolis* SX-12 and *Acidithiobacillus ferrooxidans* GF: A two-step approach *Energy Science & Engineering*, 7(1), 162-169.
24. Yao, Q., Sun, M., Gao, J., Wang, R., Zhang, Y., Xu, L., & Ma, X. (2019). Organic sulfur compositions and distributions of tars from the pyrolysis of solvent pretreatment vitrinite of high sulfur coal, *Journal of Analytical and Applied Pyrolysis*.
25. Mu, X. G., Jin, Z. X., Gao, F., Peng, Y., Gong, L. S., & Liu, J. F. *International Journal of Coal Preparation and Utilization*, 2019, 1-14.
26. Hou, J., Ma, Y., Li, S., & Shang, W. (2018). *Carbon Resources Conversion*, 1(1), 86-93.

27. Hu, T., Yang, Y., Zhang, M., Cheng, Q., & Gao, Y. (2018). Research on Coal Desulfurization of *Pseudomonas Stutzeri*.

12. L.Gonsalvesh, S.P. Marinov, M.Stefanova, R.Carleer, J.Iperman, *Fuel*, 2013, 103, pp. 1039-1050, "Biodesulphurization of low rank coal: Maritza East lignite and its "humus-like byproducts".

Цитира се в:

1. N.Pradhan, D.Satapathy, U.Subudhi, SK Biswal, BK Mishra, *Fuel*, **2014**, 11
2. Xia, Wencheng, Guangyuan Xie, and Yaoli Peng, *Powder Technology*, **2015**, 277: 206-221.
3. Yu, Feng-Li, et al., *RSC Advances*, **2015**, 5.104: 85540-46.
4. Zhao, S., He, H., Yu, Z., Leng, Y., *Chinese Journal of Environmental Engineering*, **2015**, 9 (9), pp. 4585-90.
5. Liu, T., Hou, J., & Peng, Y. , *Environmental Progress & Sustainable Energy*, **2015**.
6. Twardowska, I. , *Environmental Microbial Biotechnology* , **2015**, pp. 1-31, Springer International Publishing.
7. Yu, S., H. Li, Q. Yao, S. Fu, G. Zhou, *RSC Adv.* , **2015**, v.. 5, 84471-82.
8. E.G.Filcheva, Bulgarian humic substances society and humus substances researches in Bulgaria, BUHS-IVth National conf. with Intern. Part., 8-10 September, Sofia, **2016**, Proceed., pp.15-59, (ISBN 978-619-90189-2-7).
9. Yu,F., Liu C., Yuan,B., Xie,P., Xie,C., Yu,C., *Fuel*, **2016**, 177 , 39-45.
10. Li L., Duan, Z., Chen J., Xiang Y., Xia D., *RSC Advances*, (**2017**), 7 (62), pp. 38902-10.
11. Bhupendra SK, Barun K Nandi, *Energy Exploration & Exploitation*, **2018** April, License CC BY 4.0, DOI 10.1177/0144598718768981.
12. Niu Y., D.Yang, H.Xu, H.Guo, S.Wu, *Fuel*, **2018**, 218:342-349, DOI: 10.1016/j.fuel.2018.01.047.
13. Niu Y. , X. Niu, S. Wu, C.Li, J.Chen, Z. Su, *IOP Conference Series Materials Science and Engin.*, August **2018**, 394(4):042046, License CC BY 3.0, DOI: 10.1088/1757-899X/394/4/042046.
14. Qi, X., Zhang, H., Zhang, C., Zhu, Z., Zhen, K., & Yang, L. (**2019**). The flotation behavior of coal pyrit in high-sulfur coal. *Separation Science and Technology*, 54(16), 2718-2728.
15. Meng, X., Li, L., Li, K., Zhou, P., Zhang, H., Jia, J., & Sun, T, *Journal of Cleaner Production*, **2018**, 176, 391-398.
16. Çelik, P. A., Aksoy, D. Ö., Koca, S., Koca, H., & Çabuk, A. , **2019**, *International journal of environmental science and technology*, 16(4), 2115-2132.
17. Ken, B. S., & Nandi, B. K. (**2018**). Effect of some operational parameters on desulphurization of high sulphur Indian coal by KOH leaching. *Energy Exploration & Exploitation*, 36(6), 1674-1691.

13. Stefanova,M., L.Gonsalvesh, S.P. Marinov, J.Czech, R.Carleer, J.Yperman, *Bulg. Chemical Commun., Spec. Issue A*, 2014, 46, pp.123-8, "Reductive pyrolysis of leonardite humic acids".

Цитира се в:

- 1.E.G.Filcheva, Bulgarian humic substances society and humus substances researches in Bulgaria, BUHS-IVth National conf. with Intern. Part., 8-10 September, Sofia, **2016**, Proceed., pp.15-59.

14.Maya Stefanova, Lenia Gonsalvesh , Stefan Marinov, Jan Czech, Robert Carleer, Jan Yperman, "Reductive pyrolysis of Miocene-aged lignite humic acids, Bulgaria", *Fuel*, 2016, 165, 324–330.

Цитира се в:

- 1.E.G.Filcheva, Bulgarian humic substances society and humus substances researches in Bulgaria, BUHS-IVth National conf. with Intern. Part., 8-10 September, Sofia, **2016**, Proceed., pp.15-59.

2. Xiao, Z., Zhou, H., Hao, J., Zhi, K., Liu, Q., *Fuel*, **2017**, 193, pp. 322-330.
3. Atanassova ID, BE Hristov, T.Shishkov, SH Doerr, Archives of Agronomy and Soil Science, **2017**,63(12), DOI: 10.1080/03650340.2017.1304639.
4. Chen, H., Blosser, G. D., Majidzadeh, H., Liu, X., Conner, W. H., & Chow, A. T., *Journal of Analytical and Applied Pyrolysis*, **2018**, 134, 371-380.
5. Cheng, G., Niu, Z., Zhang, C., Zhang, X., & Li, X. *Applied Sciences*, **2019** , 9(7), 1356.

15. Kosateva, A., M. Stefanova, S. Marinov, J. Czech, R. Carleer, J. Yperman, "Characterization organic compounds in leachates from Bulgarian lignites by spectroscopy, chromatography and reductive pyrolysis", *Intern. J. of Coal Geology*, 2017, 183, pp. 100-109.

Цитира се в:

1. Atanassova ID, BE Hristov, T.Shishkov, SH Doerr, Archives of Agronomy and Soil Science, **2017**, 63(12), DOI: 10.1080/03650340.2017.1304639.
2. Shustov, O. O., Bielov, O. P., Perkova, T. I., & Adamchuk, A. A., **2018**, *Scientific Bulletin of National Mining University*, (3), 5-13.
3. Ojeda, A.S., Ford S.J., Galluci R.M., Environmental geochemistry and health, **2018**, 1-17.
4. Zhu, Y., Vieth-Hillebrand, A., Noah, M., & Poetz, S., *International Journal of Coal Geology*, **2019**, 203, 74-86.
5. Czeh, T., Marchewicz, A., Sobczyk, A.T., Krupo, A., Jaworek, A., Rosiak, D., *Proc. Safety Env. Prot.*, **2019**.

16. Marinov*, S.P., L.Gonsalvesh, M.Stefanova, J.Yperman, R.Carleer, G.Reggers, Y.Yurum, V.Groudeva, P.Gadjanov, *Thermochim. Acta*, 2010, 497, 46-51, "Combustion behaviour of some biodesulphurized coals assessed by TGA/DTA", ISSN 0040 603

Цитира се в:

1. Chukwu, M., Folayan, C.O., Pam, C.Y., Obada, D.O., *J. Combustion*, **2016**.
2. Zhao, X., Wang, Q., Xiao, H., Mao, Z., Chen, P., Sun, J., *Fuel Proc. Techn.*, **2013**, 110, 63-93.
3. Liu, Y., Fu, P., Zhang, B., Yue, F., Zhou, H., Zheng, C., *Fuel*, **2016**, 181, 1244-56.
4. Ju, C., Zhang, S.F., Wen, L.Y., Bai, C.G., Lu, X.W., Wang, K., *J.China Coal Soc.*, **2011**, 36 (8), 1370-74.
5. Liu, T., Hou, J., Peng, Y., *Env. Progr.&Sust.Energy*, **2016**, 35 (2), 374-379.
6. Ohm, T.I., Chae, J.S., Lim, J.H., Moon, S.H., *Clean Techn.*, **2013**, 19 (1), 30-37.
7. Fu, C.G., Ma, S.B., Tian, Y.S., Xue, D.Q., Zhang, L.H., Hou, S.L., *Adv. Mater. Research*. **2014**, 1008, 833-838, Trans.Tech., Publ.
8. Moon, C., Sung, Y., Ahn, S., Kim, T., Coi, G., Kim, D., *Appl. Them. Engin.*, **2013**, 54 (1), 111-119.
9. Ahn, S., Choi, G., Kim, D., *Biomass Bioenergy*, **2014**, 117, 415-421.
10. I.K., Oikonomopoulos, M.Perraki, N.Tougiannidis, Perrki, T., Kasper, H.U., Gurk, M., *Appl. Clay Science*, **2015**, 103, 1-9.
11. Oikonomopoulos, I.K., Tougiannidis, N.Perraki, T., Gurk, M., *Energy Sources, Part A.*, **2016**, 38 (11), 1562-68.

12. Yurdakul, S., *Renewable Energy*, **2016**, 89, pp.215-223.
13. Aytar, P., Kay, C.H., Mutly, M.B., Çabuk, A., *Energy&Fuels*, **2013**, 27 (6), 3090-98.
14. Guo, B., L.Gong, E.Duan, R.Liu, A.Ren, Han, J., Zhao, W., *J. Air&Waste Managm. Assec*, **2012**, 62 (4), 485-488.
15. Ayrar, P., D.O. Aksoy, Y.Toptas, A.Çabuk, S.Koca, H.Koca, *Fuel*, **2014**, 116, 634-641.
16. J.WoAn, Seon Yool Ahn at al., (Chinese), **2010**, V.15 (6), pp.34-40.
17. *Journal Electric Power*, (Chinese), **2010**, doi: 10.3969/j.issn.1672-3643, 2010.zl052.
18. J. Woo An, Seong Yool Ahn at al., *Kosco Symposium*, **2010**, (Chinese) (6) , pp. 419-425
19. Mishra, S., Panda, S., Pradhan, N., Biswal, S.K., Mishra, B.K., *I. Biodeter. and Biodegradation*, **2017**, 120, pp. 124-134.
20. Qi, X., Li, Q., Zhang, H., Xin, H., *Journal of the Energy Institute*, **2017**, 90 (4), pp. 544-555.
21. Naktiyok, J., Bayrakcerken, H., Ozer, A.K., Gulaboglu, M.S technique, *Journal of Thermal Analysis and Calorimetry*, **2017**, 129 (1), pp. 531-539.
22. Ohm, T., Chae, J., Kim, Y., Moon, S., *Journal of Renewable Materials*, **2017**, 5 (1), pp.13-21.
23. Mishra S., Ata Akcil, S.Pandra, C.Erust, *Hydrometallurgy*, **2018**, 176:166-175, March, DOI 10.1016/j.hydromet.2018.01.021.
24. Bhanjadeo M., K. Rath, D. Gupta, N. Pradhan, S. K. Biswal, B. K. Mishra, U. Subudhi, *PLos One*, **2018**, 13(3) : e0192536.https: DOI 10.1371/journal.pone.0192536.
25. Şener B., D.Öz Aksoy, P.Aytar, Y.Toptas, H.Koca, A.Çabuk, *Hydrometallurgy*, **2018**, 182, DOI: 10.1016/j.hydromet.2018.10.017.
26. Naktiyok, J., *Energy Sources*, Part A, **2019**, pp.1-11.
27. Noktiyok J., *Energy&Fuels*, **2018**, 32 (2), pp. 2299–2305, DOI: 10.1021/acs.energyfuels. 7b02296
28. Zhang Y, Y. Li, Y. Huang, S. Li, W. Wang, Characteristics of mass, heat and gaseous products coal spontaneous combustion using TG/DSC–FTIR technology, *J Therm Anal Calor.* (**2018**)131: 2963. https://doi.org/10.1007/s10973-017-6738-x
29. Umar D. F., M. Shimojo, RM. N. Madiutom, *Indonesian Min. J.*, **2018**, 21 (2), pp 127-139, DOI: https://doi.org/10.30556/imj.Vol21.No2.2018.919, ISSN: 0854-9931.
30. He, Z., Srinivasakannan, C., Liu, C., Gao, J., Jia, L., & Ruan, R. *Materials Research Express*, **2019**.
31. P.A.Celik , Aksoy DO, Koca S. , Koca H. , Çabuk A., *International journal of Environmental Science Technology*, **2019**, 16 (4), pp.2115-2132, Springer, DOI: 10.1007/s13762-019-02232-7.
32. Wang K., Liu X., JL Deng, Zhang Y., Jiang S., *Journal of Thermal Analysis and Calorimetry* , Effects of pre-oxidation temperature on coal secondary spontaneous combustion, **2019**, 19 March, Springer, DOI: 10.1007/s10973-019-08138-3.
33. Mureddu, M., Dessi, F., Orsini, A., Ferrara, F., & Pettinau, A. (**2018**). Air-and oxygen-blown characterization of coal and biomass by thermogravimetric analysis. *Fuel*, 212, 626-637.
34. Zhang, Y., Li, Y., Huang, Y., Li, S., & Wang, W. (**2018**). Characteristics of mass, heat and gaseous products during coal spontaneous combustion using TG/DSC–FTIR technology. *Journal of Thermal Analysis and Calorimetry*, 131(3), 2963-2974.
35. Kumar, A., Singh, A. K., Singh, P. K., Singh, A. L., Saikia, B. K., & Kumar, A. (**2019**). Desulfurization of Giral lignite of Rajasthan (Western India) using Burkholderia sp. GR 8–02. *International Journal of Coal Preparation and Utilization*, 1-17.
36. Xu, J., Liu, X., Song, C., Du, Z., Wang, F., Luo, J., & Zhou, A. (**2019**). Biodesulfurization of high sulfur coal from Shanxi: Optimization of the desulfurization parameters of three kinds of bacteria. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 1-19.
37. Magida, N. E., Bolo, L. L., Hlangothi, S. P., Dugmore, G., & Ogunlaja, A. S. (**2019**). Co-combustion Characteristics of coal-Scenedesmus Microalgae Blends and Their Resulting Ash. *Combustion Science and Technology*, 1-18.
38. NAKTIYOK, J., ÖZER, A. K., & GÜLABOĞLU, M. Ş. The Combustion Behavior and Kinetics Dost (Oltu) Coal. *Erzincan Üniversitesi Erzincan University Fen Bilimleri Enstitüsü Dergisi Journal of Technology* **2017**, 10(1), 148-155 2017, 10(1), 148-155 Araştırma Makalesi Research Article.

17. Marinov*, S.P., M.Stefanova, L.Gonsalvesh, N.Kazakova, V.Shevkopljas, L.Butuzova, *Oxid. Commun.*, V.34, 900-911 (2011), "Biodepyritisation of high sulphur low rank coal from Maritza East deposit, Bulgaria".

Цитира се в:

1.Ning P., J. Zhang, D. Zhang, A. Wei, Q. Wu, S. Li, *Oxidation Communications*, **2018**, 41, No 1, 45–52.

2. Mitkov S. , B. Malcheva, D. Yordanov, I. Penchev, *Oxidation Communications*, **2018**,41(1):61-70.

18. I.I.Maes, D.V.Franco, J.Yperman, J.Mullens, L.C.Van Poucke, S.C.Mitchell, S.P.Marinov, "Study of the sulphur functionalities and physical characteristics of a Bulgarian lignite by desulphurization techniques", *ICCS'95, Oviedo, Proc. (Eds.J.A.Pajares et al.) 1995, Vol.2, pp.1677-1680, ISBN: 0-444-82227-5.*

Цитира се в:

1.M.Stefanova, DR Oros, A Otto, BRT Simoneit, *Organic Geochemistry*, **2002**,V. 33,pp.1079-1091.

19. S.P. Marinov, L. Gonsalvesh, M. Stefanova, Y .Yurum, A.G. Dumanli, N.Kolankaya, M. Sam, R .Carleer, G. Reggers and J. Yperman, "Reductive Pyrolysis Study of Biodesulfurized Subbituminous Coal", *ICCS&T, 28-31 August, 2007, Nottingham, UK,Proceed.,5 pages.*

Цитира се в:

1.М.Йосифова „Международни конференции по въглищни науки и технологии” in *Review of the Geological Society*, V.68, part 1-3, p.212 (2007).

20. M.Stefanova, L.Gonsalvesh, SP.Marinov, A.Popova, J.Czech, R.Carleer, J.Yperman, "An overview on reductive pyrolysis of lignite humic scids study: scope and application, *BUHS – IVth National conf. with Intern. part., 8-10 September, Sofia, 2016, (ISBN 978-619-90189-2-7), Proceed. (Eds. E.Filcheva et al.), pp. 266-274.*

Цитира се в:

1.E.G.Filcheva, *Bulgarian humic substances society and humus substances researches in Bulgaria, BUHS-IVth National conf. with Intern. Part., 8-10 September, Sofia, 2016, Proceed., pp.15-59, (ISBN 978-619-90189-2-7).*

Σ 328 цитата

