

# Vladimir Strezov

## List of Publications by Year in descending order

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147  
papers

12,241  
citations

36303

51  
h-index

26613

107  
g-index

149  
all docs

149  
docs citations

149  
times ranked

13024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and spatial variations of air pollution across China from 2015 to 2018. Journal of Environmental Sciences, 2022, 112, 161-169.	6.1	22
2	Tunable syngas production from biomass: Synergistic effect of steam, Niâ€CaO catalyst, and biochar. Energy, 2022, 254, 123904.	8.8	8
3	Recycling and Resource Recovery from Polymers. Polymers, 2022, 14, 2020.	4.5	0
4	Sustainability in Power Generation Technologies. , 2022, , .		1
5	Tunable syngas production from two-stage sorption-enhanced steam gasification of sewage sludge. Chemical Engineering Journal, 2021, 404, 126069.	12.7	39
6	Thermochemical production of bio-oil: A review of downstream processing technologies for bio-oil upgrading, production of hydrogen and high value-added products. Renewable and Sustainable Energy Reviews, 2021, 135, 110152.	16.4	111
7	Investigation of Dye Removal Capability of Blast Furnace Slag in Wastewater Treatment. Sustainability, 2021, 13, 1970.	3.2	7
8	Iron Ore Reduction by Biomass Volatiles. Journal of Sustainable Metallurgy, 2021, 7, 215-226.	2.3	17
9	A systematic review on life cycle assessment of different waste to energy valorization technologies. Journal of Cleaner Production, 2021, 290, 125747.	9.3	49
10	NO2 levels as a contributing factor to COVID-19 deaths: The first empirical estimate of threshold values. Environmental Research, 2021, 194, 110663.	7.5	47
11	Life cycle impact assessment of metal production industries in Australia. Scientific Reports, 2021, 11, 10116.	3.3	12
12	Comparative life cycle assessment of system solution scenarios for residual municipal solid waste management in NSW, Australia. Science of the Total Environment, 2021, 767, 144355.	8.0	34
13	Effects of co-pyrolysis of heavy metal contaminated biomass with magnesium carbonate on heavy metal deportment and pyrolytic product properties. Fuel, 2021, 294, 120545.	6.4	17
14	Economic Feasibility and Sustainability Assessment of Residual Municipal Solid Waste Management Scenarios in NSW, Australia. Sustainability, 2021, 13, 8972.	3.2	2
15	Comparative analysis of the environmental impacts of Australian thermal power stations using direct emission data and GIS integrated methods. Energy, 2021, 231, 120898.	8.8	11
16	Preliminary Screening for Microplastic Concentrations in the Surface Water of the Ob and Tom Rivers in Siberia, Russia. Sustainability, 2021, 13, 80.	3.2	30
17	Trace elements emission in iron ore sintering: A review. Environmental Advances, 2021, 6, 100123.	4.8	7
18	Catalytic pyrolysis of biomass impregnated with elements from steelmaking slag leaching and simultaneous fabrication of phosphorus adsorbent. Journal of Cleaner Production, 2021, 328, 129490.	9.3	14

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19	Antibiotic enhanced dopamine polymerization for engineering antifouling and antimicrobial membranes. Chinese Chemical Letters, 2020, 31, 851-854.	9.0	46
20	Distribution of solar pyrolysis products and product gas composition produced from agricultural residues and animal wastes at different operating parameters. Renewable Energy, 2020, 151, 1102-1109.	8.9	38
21	Investigating the Effect of Mono- and Bimetallic/Zeolite Catalysts on Hydrocarbon Production during Bio-oil Upgrading from <i>Ex Situ</i> Pyrolysis of Biomass. Energy & Fuels, 2020, 34, 389-400.	5.1	44
22	Catalytic pyrolysis of lignocellulosic biomass: A review of variations in process factors and system structure. Renewable and Sustainable Energy Reviews, 2020, 134, 110305.	16.4	126
23	A Comparative Review on the Environmental Impacts of Combustion-Based Electricity Generation Technologies. Energy & Fuels, 2020, 34, 10486-10502.	5.1	31
24	Effect of Phosphate Pretreatments on Properties of Pyrolytic Products from Heavy-Metal-Contaminated Biomass. Energy & Fuels, 2020, 34, 15322-15331.	5.1	7
25	Cross-sectoral synergy between municipal wastewater treatment, cement manufacture and petrochemical synthesis via clean transformation of sewage sludge. Sustainable Energy and Fuels, 2020, 4, 6274-6282.	4.9	4
26	CFD analysis of fast pyrolysis process in a pilot-scale auger reactor. Fuel, 2020, 273, 117782.	6.4	16
27	Pyrolysis of heavy metal contaminated biomass pre-treated with ferric salts: Product characterisation and heavy metal deportment. Bioresource Technology, 2020, 313, 123641.	9.6	36
28	Environmental impact assessment from direct emissions of Australian thermal power generation technologies. Journal of Cleaner Production, 2020, 270, 122515.	9.3	14
29	Volatilisation of trace elements during reduction of iron ore by hydrogen: Statistical analysis, kinetic study and environmental assessment. Journal of Cleaner Production, 2020, 271, 122524.	9.3	5
30	Pollution and contamination assessment of heavy metals in the sediments of Jazmurian playa in southeast Iran. Scientific Reports, 2020, 10, 4775.	3.3	83
31	Development of robust CaO-based sorbents from blast furnace slag for calcium looping CO <sub>2</sub> capture. Chemical Engineering Journal, 2020, 387, 124140.	12.7	62
32	Lignocellulose biomass pyrolysis for bio-oil production: A review of biomass pre-treatment methods for production of drop-in fuels. Renewable and Sustainable Energy Reviews, 2020, 123, 109763.	16.4	317
33	Contamination identification, source apportionment and health risk assessment of trace elements at different fractions of atmospheric particles at iron and steelmaking areas in China. PLoS ONE, 2020, 15, e0230983.	2.5	10
34	The relevance of particle size distribution and bioaccessibility on human health risk assessment for trace elements measured in indoor dust. Science of the Total Environment, 2020, 733, 137931.	8.0	28
35	Effect of shipping on the distribution of trace elements and petroleum hydrocarbons in the coastal basins of Australia: a review. Marine and Freshwater Research, 2020, 71, 794.	1.3	4
36	Effect of foreign direct investments, economic development and energy consumption on greenhouse gas emissions in developing countries. Science of the Total Environment, 2019, 646, 862-871.	8.0	788

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37	Pyrolysis of heavy metal contaminated <i>Avicennia marina</i> biomass from phytoremediation: Characterisation of biomass and pyrolysis products. <i>Journal of Cleaner Production</i> , 2019, 234, 1235-1245.	9.3	65
38	Comparison of different nanoproceses and industrial waste-based adsorbents such as red mud, steel slag, and fly ashes for treating wastewater nanomaterial contaminants. , 2019, , 107-136.		3
39	Transport, fate, and toxicity of the emerging and nanomaterial contaminants in aquatic ecosystems: Removal by natural processes. , 2019, , 43-62.		2
40	Long-term performance and feasibility of using constructed wetlands for treatment of emerging and nanomaterial contaminants in municipal and industrial wastewater. , 2019, , 63-81.		1
41	Synthesis of biosorbents from natural/agricultural biomass wastes and sustainable green technology for treatment of nanoparticle metals in municipal and industrial wastewater. , 2019, , 83-104.		5
42	Application of national pollutant inventories for monitoring trends on dioxin emissions from stationary industrial sources in Australia, Canada and European Union. <i>PLoS ONE</i> , 2019, 14, e0224328.	2.5	10
43	Interrelationship of microplastic pollution in sediments and oysters in a seaport environment of the eastern coast of Australia. <i>Science of the Total Environment</i> , 2019, 695, 133924.	8.0	93
44	Sorption-enhanced thermochemical conversion of sewage sludge to syngas with intensified carbon utilization. <i>Applied Energy</i> , 2019, 254, 113663.	10.1	29
45	Slow pyrolysis of metal(loid)-rich biomass from phytoextraction: characterisation of biomass, biochar and bio-oil. <i>Energy Procedia</i> , 2019, 160, 178-185.	1.8	11
46	Investigating the effect of Cu/zeolite on deoxygenation of bio-oil from pyrolysis of pine wood. <i>Energy Procedia</i> , 2019, 160, 186-193.	1.8	14
47	An evaluation of the potential of waste to energy technologies for residual solid waste in New South Wales, Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109398.	16.4	47
48	Characterization of size resolved atmospheric particles in the vicinity of iron and steelmaking industries in China. <i>Science of the Total Environment</i> , 2019, 694, 133534.	8.0	12
49	Bio-oil upgrading with catalytic pyrolysis of biomass using Copper/zeolite-Nickel/zeolite and Copper-Nickel/zeolite catalysts. <i>Bioresource Technology</i> , 2019, 279, 404-409.	9.6	94
50	Effect of temperature on heavy metal(loid) deportment during pyrolysis of <i>Avicennia marina</i> biomass obtained from phytoremediation. <i>Bioresource Technology</i> , 2019, 278, 214-222.	9.6	52
51	Investigation of Phosphate Removal Capability of Blast Furnace Slag in Wastewater Treatment. <i>Scientific Reports</i> , 2019, 9, 7498.	3.3	28
52	Proximate determinants of particulate matter (PM <sub>2.5</sub> ) emission, mortality and life expectancy in Europe, Central Asia, Australia, Canada and the US. <i>Science of the Total Environment</i> , 2019, 683, 489-497.	8.0	79
53	Energy Conversion Efficiency of Pyrolysis of Chicken Litter and Rice Husk Biomass. <i>Energy &amp; Fuels</i> , 2019, 33, 6509-6514.	5.1	16
54	Enhanced bio-oil deoxygenation activity by Cu/zeolite and Ni/zeolite catalysts in combined in-situ and ex-situ biomass pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 148-160.	5.5	46

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55	Solar assisted catalytic pyrolysis of chicken-litter waste with in-situ and ex-situ loading of CaO and char. <i>Fuel</i> , 2019, 246, 408-416.	6.4	42
56	Environmental sustainability assessment using dynamic Autoregressive-Distributed Lag simulationsâ€”Nexus between greenhouse gas emissions, biomass energy, food and economic growth. <i>Science of the Total Environment</i> , 2019, 668, 318-332.	8.0	186
57	Assessment of trace elements pollution in the sea ports of New South Wales (NSW), Australia using oysters as bioindicators. <i>Scientific Reports</i> , 2019, 9, 1416.	3.3	29
58	A review on Environmental Kuznets Curve hypothesis using bibliometric and meta-analysis. <i>Science of the Total Environment</i> , 2019, 649, 128-145.	8.0	411
59	Assessment of trace elements pollution in sea ports of New South Wales (NSW), Australia using macrophytobenthic plant <i>Ecklonia radiata</i> as a bio-indicator. <i>Chemosphere</i> , 2019, 218, 643-651.	8.2	12
60	Economic, social and governance adaptation readiness for mitigation of climate change vulnerability: Evidence from 192 countries. <i>Science of the Total Environment</i> , 2019, 656, 150-164.	8.0	125
61	Life Cycle Impact Assessment of Airborne Metal Pollution near Selected Iron and Steelmaking Industrial Areas in China. <i>Aerosol and Air Quality Research</i> , 2019, , .	2.1	3
62	Comparison of pollution indices for the assessment of heavy metals in the sediments of seaports of NSW, Australia. <i>Marine Pollution Bulletin</i> , 2018, 128, 295-306.	5.0	107
63	Review of solar energy for biofuel extraction. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 88, 184-192.	16.4	91
64	Renewable CO <sub>2</sub> absorbent for carbon capture and biogas upgrading by membrane contactor. <i>Separation and Purification Technology</i> , 2018, 194, 207-215.	7.9	53
65	River sediment quality assessment using sediment quality indices for the Sydney basin, Australia affected by coal and coal seam gas mining. <i>Science of the Total Environment</i> , 2018, 616-617, 695-702.	8.0	35
66	Waste to Energy Conversion of Chicken Litter through a Solar-Driven Pyrolysis Process. <i>Energy &amp; Fuels</i> , 2018, 32, 4341-4349.	5.1	28
67	Thermal decomposition of magnesium carbonate with biomass and plastic wastes for simultaneous production of hydrogen and carbon avoidance. <i>Journal of Cleaner Production</i> , 2018, 174, 1089-1095.	9.3	40
68	Assessment of contribution of Australia's energy production to CO <sub>2</sub> emissions and environmental degradation using statistical dynamic approach. <i>Science of the Total Environment</i> , 2018, 639, 888-899.	8.0	118
69	Production and analysis of fuels and chemicals obtained from rice husk pyrolysis with concentrated solar radiation. <i>Fuel</i> , 2018, 233, 396-403.	6.4	81
70	Empirical study of the Environmental Kuznets curve and Environmental Sustainability curve hypothesis for Australia, China, Ghana and USA. <i>Journal of Cleaner Production</i> , 2018, 201, 98-110.	9.3	322
71	Assessment of Impacts of Coal Mining in the Region of Sydney, Australia on the Aquatic Environment Using Macroinvertebrates and Chlorophyll as Indicators. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1556.	2.6	7
72	Impact of Biochar on Soil Fertility and Behaviour of Xenobiotics in Soil. <i>Soil Biology</i> , 2017, , 299-318.	0.8	0

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73	Investigation of thermal properties of blast furnace slag to improve process energy efficiency. Journal of Cleaner Production, 2017, 149, 137-145.	9.3	27
74	Impacts of iron and steelmaking facilities on soil quality. Journal of Environmental Management, 2017, 203, 1158-1162.	7.8	13
75	Life cycle environmental and economic impact assessment of alternative transport fuels and power-train technologies. Energy, 2017, 133, 1132-1141.	8.8	72
76	Assessment of the Economic, Social and Environmental Dimensions of the Indicators for Sustainable Development. Sustainable Development, 2017, 25, 242-253.	12.5	163
77	Fuel production from pyrolysis of natural and synthetic rubbers. Fuel, 2017, 191, 403-410.	6.4	88
78	Environmental impact of coal mining and coal seam gas production on surface water quality in the Sydney basin, Australia. Environmental Monitoring and Assessment, 2017, 189, 408.	2.7	44
79	Promoter Effects on Nickel-Supported Magnesium Oxide Catalysts for the Carbon Dioxide Reforming of Methane. Energy & Fuels, 2017, 31, 2353-2359.	5.1	26
80	Food wastes derived adsorbents for carbon dioxide and benzene gas sorption. Chemosphere, 2017, 168, 326-332.	8.2	22
81	Agronomic assessment of pyrolysed food waste digestate for sandy soil management. Journal of Environmental Management, 2017, 187, 24-30.	7.8	35
82	Life Cycle Analysis of Energy Production from Food Waste through Anaerobic Digestion, Pyrolysis and Integrated Energy System. Sustainability, 2017, 9, 1804.	3.2	52
83	Biofuels From Microalgae. , 2017, , 107-120.		7
84	Sustainability Concepts of Energy Generation Technologies. , 2017, , 3-10.		4
85	Water quality assessment of Australian ports using water quality evaluation indices. PLoS ONE, 2017, 12, e0189284.	2.5	52
86	Characterization of Food Waste and Its Digestate as Feedstock for Thermochemical Processing. Energy & Fuels, 2016, 30, 1589-1597.	5.1	102
87	Effect of the Heating Rate on the Thermochemical Behavior and Biofuel Properties of Sewage Sludge Pyrolysis. Energy & Fuels, 2016, 30, 1564-1570.	5.1	85
88	Lignocellulosic biomass pyrolysis: A review of product properties and effects of pyrolysis parameters. Renewable and Sustainable Energy Reviews, 2016, 57, 1126-1140.	16.4	1,460
89	Assessment of Sustainability of Mineral Processing Industries. , 2016, , 15-25.		2
90	Analysis of Water Produced during Thermal Decomposition of Goethitic Iron Ore. International Journal of Chemical Engineering and Applications (IJCEA), 2016, 7, 327-330.	0.3	3

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91	Bonding Structure and Mineral Analysis of Size Resolved Atmospheric Particles nearby Steelmaking Industrial Sites in Australia. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1638-1650.	2.1	13
92	Energy and Greenhouse Gas Emission Assessment of Conventional and Solar Assisted Air Conditioning Systems. <i>Sustainability</i> , 2015, 7, 14710-14728.	3.2	7
93	Thermo-swelling behavior of Kukersite oil shale. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 1163-1169.	3.6	4
94	Trace element deportment and particle formation behaviour during thermal processing of iron ore: technical reference for risk assessment of iron ore processing. <i>Journal of Cleaner Production</i> , 2015, 102, 384-393.	9.3	6
95	Product based evaluation of pyrolysis of food waste and its digestate. <i>Energy</i> , 2015, 92, 349-354.	8.8	106
96	Wastewater sludge and sludge biochar addition to soils for biomass production from <i>Hyparrhenia hirta</i> . <i>Ecological Engineering</i> , 2015, 82, 345-348.	3.6	12
97	Biochar: An Emerging Panacea for Remediation of Soil Contaminants from Mining, Industry and Sewage Wastes. <i>Pedosphere</i> , 2015, 25, 654-665.	4.0	94
98	Comparative Assessment of the Effect of Wastewater Sludge Biochar on Growth, Yield and Metal Bioaccumulation of Cherry Tomato. <i>Pedosphere</i> , 2015, 25, 680-685.	4.0	50
99	An Analysis of Citizen Science Based Research: Usage and Publication Patterns. <i>PLoS ONE</i> , 2015, 10, e0143687.	2.5	243
100	Measuring Tools for Quantifying Sustainable Development. <i>European Journal of Sustainable Development (discontinued)</i> , 2015, 4, .	0.9	17
101	Modelling piezoelectric energy harvesting potential in an educational building. <i>Energy Conversion and Management</i> , 2014, 85, 435-442.	9.2	64
102	Catalytic Pyrolysis of Coffee Grounds Using NiCu-Impregnated Catalysts. <i>Energy &amp; Fuels</i> , 2014, 28, 228-235.	5.1	39
103	Comparative Assessment of the Thermochemical Conversion of Freshwater and Marine Micro- and Macroalgae. <i>Energy &amp; Fuels</i> , 2014, 28, 104-114.	5.1	41
104	Energy recovery potential analysis of spent coffee grounds pyrolysis products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 110, 79-87.	5.5	100
105	Mass and elemental distributions of atmospheric particles nearby blast furnace and electric arc furnace operated industrial areas in Australia. <i>Science of the Total Environment</i> , 2014, 487, 323-334.	8.0	20
106	Life cycle assessment of a microalgae biomass cultivation, bio-oil extraction and pyrolysis processing regime. <i>Algal Research</i> , 2013, 2, 299-311.	4.6	99
107	Defining sustainability indicators of iron and steel production. <i>Journal of Cleaner Production</i> , 2013, 51, 66-70.	9.3	67
108	A QUALITATIVE STUDY OF MOTIVATION AND INFLUENCES FOR ACADEMIC GREEN BUILDING DEVELOPMENTS IN AUSTRALIAN UNIVERSITIES. <i>Journal of Green Building</i> , 2013, 8, 166-183.	0.8	23

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109	Speciation of chromium in Australian coals and combustion products. <i>Fuel</i> , 2012, 102, 1-8.	6.4	40
110	Assessment of Bio-oil Extraction from <i>Tetraselmis chui</i> Microalgae Comparing Supercritical CO <sub>2</sub> , Solvent Extraction, and Thermal Processing. <i>Energy &amp; Fuels</i> , 2012, 26, 248-255.	5.1	32
111	Assessment of the Thermal Processing Behavior of Tobacco Waste. <i>Energy &amp; Fuels</i> , 2012, 26, 5930-5935.	5.1	60
112	Assessment of utility energy storage options for increased renewable energy penetration. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4141-4147.	16.4	515
113	Properties of oil and char derived from slow pyrolysis of <i>Tetraselmis chui</i> . <i>Bioresource Technology</i> , 2011, 102, 8232-8240.	9.6	122
114	Structural deterioration of iron ore particles during thermal processing. <i>International Journal of Mineral Processing</i> , 2011, 100, 27-32.	2.6	35
115	Influence of pyrolysis temperature on production and nutrient properties of wastewater sludge biochar. <i>Journal of Environmental Management</i> , 2011, 92, 223-228.	7.8	774
116	Thermal Decomposition of Wheat Straw and Mallee Residue Under Pyrolysis Conditions <sup>â€</sup> . <i>Energy &amp; Fuels</i> , 2010, 24, 46-52.	5.1	68
117	Assessment of evolution of loss on ignition matter during heating of iron ores. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 901-907.	3.6	20
118	Sustainability considerations for electricity generation from biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 1419-1427.	16.4	236
119	Environmental impacts of coal combustion: A risk approach to assessment of emissions. <i>Fuel</i> , 2010, 89, 810-816.	6.4	38
120	Speciation of Mercury in Coal-Fired Power Station Flue Gas <sup>â€</sup> . <i>Energy &amp; Fuels</i> , 2010, 24, 205-212.	5.1	27
121	Mode of Occurrence and Thermal Stability of Mercury in Coal <sup>â€</sup> . <i>Energy &amp; Fuels</i> , 2010, 24, 53-57.	5.1	18
122	Agronomic properties of wastewater sludge biochar and bioavailability of metals in production of cherry tomato ( <i>Lycopersicon esculentum</i> ). <i>Chemosphere</i> , 2010, 78, 1167-1171.	8.2	424
123	A Sustainability Assessment of Electricity Generation. , 2010, , .		4
124	Thermal characterisation of the products of wastewater sludge pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 442-446.	5.5	82
125	Mercury wet deposition and coal-fired power station contributions: An Australian study. <i>Fuel Processing Technology</i> , 2009, 90, 1354-1359.	7.2	15
126	Thermal processing of paper sludge and characterisation of its pyrolysis products. <i>Waste Management</i> , 2009, 29, 1644-1648.	7.4	67



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127	Thermal characterisation of microalgae under slow pyrolysis conditions. Journal of Analytical and Applied Pyrolysis, 2009, 85, 118-123.	5.5	214
128	Assessment of sustainability indicators for renewable energy technologies. Renewable and Sustainable Energy Reviews, 2009, 13, 1082-1088.	16.4	782
129	X-Ray Absorption Near Edge Structure Spectrometry Study of Nickel and Lead Speciation in Coals and Coal Combustion Products. Energy & Fuels, 2009, 23, 1518-1525.	5.1	25
130	Thermal conversion of elephant grass (Pennisetum Purpureum Schum) to bio-gas, bio-oil and charcoal. Bioresource Technology, 2008, 99, 8394-8399.	9.6	167
131	Speciation of As, Cr, Se and Hg under coal fired power station conditions. Fuel, 2008, 87, 1859-1869.	6.4	152
132	Speciation of Arsenic and Selenium in Coal Combustion Products. Energy & Fuels, 2007, 21, 506-512.	5.1	81
133	Pyrolytic Mercury Removal from Coal and Its Adverse Effect on Coal Swelling. Energy & Fuels, 2007, 21, 496-500.	5.1	14
134	Fundamental aspects of biomass carbonisation. Journal of Analytical and Applied Pyrolysis, 2007, 79, 91-100.	5.5	82
135	Iron ore reduction using sawdust: Experimental analysis and kinetic modelling. Renewable Energy, 2006, 31, 1892-1905.	8.9	77
136	Investigation of the swelling pressure development during slow pyrolysis of thermoplastic coals. Journal of Analytical and Applied Pyrolysis, 2005, 74, 88-95.	5.5	12
137	Effect of pressure on the swelling of density separated coal particles. Fuel, 2005, 84, 1238-1245.	6.4	25
138	Thermal Analysis of the Reactions and Kinetics of Green Coffee During Roasting. International Journal of Food Properties, 2005, 8, 101-111.	3.0	15
139	Computational Calorimetric Study of the Iron Ore Reduction Reactions in Mixtures with Coal. Industrial & Engineering Chemistry Research, 2005, 44, 621-626.	3.7	10
140	Influence of control variables on mannequin temperature in a paediatric operating theatre. Paediatric Anaesthesia, 2004, 14, 130-134.	1.1	7
141	Thermal investigations of direct iron ore reduction with coal. Thermochimica Acta, 2004, 410, 133-140.	2.7	111
142	Experimental and modelling of the thermal regions of activity during pyrolysis of bituminous coals. Journal of Analytical and Applied Pyrolysis, 2004, 71, 375-392.	5.5	35
143	Computational calorimetric investigation of the reactions during thermal conversion of wood biomass. Biomass and Bioenergy, 2004, 27, 459-465.	5.7	47
144	Swelling behaviour of individual coal particles in the single particle reactor. Fuel, 2003, 82, 1977-1987.	6.4	53

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145	Coal and carbon nanotube production. Fuel, 2003, 82, 2025-2032.	6.4	41
146	Swelling and Char Structures from Density Fractions of Pulverized Coal. Energy & Fuels, 2003, 17, 1160-1174.	5.1	41
147	Quantifying the heats of coal devolatilization. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2000, 31, 1125-1131.	2.1	23