

Adam Smoliński

List of Publications by Year in descending order

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168
papers

2,835
citations

172207

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253896

43
g-index

171
all docs

171
docs citations

171
times ranked

2504
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulations of Carbon Dioxide Storage in Selected Geological Structures in North-Western Poland. <i>Frontiers in Energy Research</i> , 2022, 10, .	1.2	11
2	The Hydrodynamics of Translational~Rotational Motion of Incompressible Gas Flow within the Working Space of a Vortex Heat Generator. <i>Energies</i> , 2022, 15, 1431.	1.6	3
3	A meta-analysis of research trends on hydrogen production via dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 13300-13339.	3.8	23
4	Improved method of fire hazard assessment taking into account the effect of the primary temperature of a coal seam on the desorption ratio of gas indicators. <i>Scientific Reports</i> , 2022, 12, 5668.	1.6	1
5	Dust from chlorine bypass installation as cementitious materials replacement in concrete making. <i>Journal of Building Engineering</i> , 2022, 51, 104309.	1.6	5
6	A Generalized View of Longwall Emergency Stop Prevention (Ukraine). <i>Processes</i> , 2022, 10, 878.	1.3	3
7	Co-gasification of refuse-derived fuels and bituminous coal with oxygen/steam blend to hydrogen rich gas. <i>Energy</i> , 2022, 254, 124210.	4.5	13
8	Implementing Silica Nanoparticles in the Study of the Airborne Transmission of SARS-CoV-2. <i>Molecules</i> , 2022, 27, 3896.	1.7	3
9	Mine Field Preparation and Coal Mining in Western Donbas: Energy Security of Ukraine~A Case Study. <i>Energies</i> , 2022, 15, 4653.	1.6	6
10	Multi-Case Study on Environmental and Economic Benefits through Co-Burning Refuse-Derived Fuels and Sewage Sludge in Cement Industry. <i>Materials</i> , 2022, 15, 4176.	1.3	9
11	Texture features for bulk rock material grain boundary segmentation. <i>Journal of King Saud University, Engineering Sciences</i> , 2021, 33, 95-103.	1.2	7
12	Sewage sludge and phytomass co-pyrolysis and the gasification of its chars: A kinetics and reaction mechanism study. <i>Fuel</i> , 2021, 285, 119186.	3.4	36
13	The impact of alder litter on chemistry of Technosols developed from lignite combustion waste and natural sandy substrate: a laboratory experiment. <i>International Journal of Phytoremediation</i> , 2021, 23, 415-425.	1.7	4
14	Synthesis and Hybrid SAR Property Modeling of Novel Cholinesterase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3444.	1.8	18
15	Conventional and Alternative Sources of Thermal Energy in the Production of Cement~An Impact on CO2 Emission. <i>Energies</i> , 2021, 14, 1539.	1.6	25
16	An analysis of self-ignition of mine waste dumps in terms of environmental protection in industrial areas in Poland. <i>Scientific Reports</i> , 2021, 11, 8851.	1.6	17
17	New Method for Analysis of the Temporomandibular Joint Using Cone Beam Computed Tomography. <i>Sensors</i> , 2021, 21, 3070.	2.1	9
18	The application of hierarchical clustering to analyzing ashes from the combustion of wood pellets mixed with waste materials. <i>Environmental Pollution</i> , 2021, 276, 116766.	3.7	11

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19	Functional and Material Properties in Nanocatalyst Design: A Data Handling and Sharing Problem. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5176.	1.8	6
20	Transport of Aerosols in Underground Mine Workings in Terms of SARS-CoV-2 Virus Threat. <i>Molecules</i> , 2021, 26, 3501.	1.7	1
21	Gas Migration in the Aspect of Safety in the Areas of Mines Selected for Closure. <i>Resources</i> , 2021, 10, 73.	1.6	4
22	Risk Management Scenarios for Investment Program Delays in the Polish Power Industry. <i>Energies</i> , 2021, 14, 5210.	1.6	12
23	Raw Biogas Desulphurization Using the Adsorption-Absorption Technique for a Pilot Production of Agricultural Biogas from Pig Slurry in Poland. <i>Energies</i> , 2021, 14, 5929.	1.6	4
24	Toward a viable ecological method for regenerating a commercial SCR catalyst – Selectively leaching surface deposits and reconstructing a pore landscape. <i>Journal of Cleaner Production</i> , 2021, 316, 128291.	4.6	10
25	The feasibility of CO ₂ emission reduction by adsorptive storage on Polish hard coals in the Upper Silesia Coal Basin: An experimental and modeling study of equilibrium, kinetics and thermodynamics. <i>Science of the Total Environment</i> , 2021, 796, 149064.	3.9	13
26	Hydrogen rich gas production through co-gasification of low rank coal, flotation concentrates and municipal refuse derived fuel. <i>Energy</i> , 2021, 235, 121348.	4.5	22
27	Process Kinetics of the Carbonation of Fly Ashes: A Research Study. <i>Materials</i> , 2021, 14, 253.	1.3	5
28	CFD Numerical Modelling of a PV–TEG Hybrid System Cooled by Air Heat Sink Coupled with a Single-Phase Inverter. <i>Materials</i> , 2021, 14, 5800.	1.3	3
29	Improvement of hydrogen production by metabolic engineering of <i>Escherichia coli</i> : Modification on both the PTS system and central carbon metabolism. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5687-5696.	3.8	31
30	Effect of flow rates of gases flowing through a coal bed during coal heating and cooling on concentrations of gases emitted and fire hazard assessment. <i>International Journal of Coal Science and Technology</i> , 2020, 7, 107-121.	2.7	17
31	Coal oxidation with air stream of varying oxygen content and flow rate - Fire gas emission profile. <i>Fire Safety Journal</i> , 2020, 116, 103182.	1.4	9
32	Radium measurements in bottled natural mineral-, spring- and medicinal waters from Poland. <i>Water Resources and Industry</i> , 2020, 24, 100133.	1.9	11
33	Effect of porous structure of coal on propylene adsorption from gas mixtures. <i>Scientific Reports</i> , 2020, 10, 11277.	1.6	5
34	Estimation of Dense Plasma Temperature Formed under Shock Wave Cumulation. <i>Materials</i> , 2020, 13, 4923.	1.3	3
35	CFD Modeling of the Catalyst Oil Slurry Hydrodynamics in a High Pressure and Temperature as Potential for Biomass Liquefaction. <i>Energies</i> , 2020, 13, 5694.	1.6	6
36	Modelling and process integration study of dimethyl ether synthesis from syngas derived from biomass gasification: Flowsheet simulation. <i>AJ - Alexandria Engineering Journal</i> , 2020, 59, 4441-4448.	3.4	8

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37	A Study of Heat Exchange Processes within the Channels of Disk Pulse Devices. <i>Energies</i> , 2020, 13, 3492.	1.6	5
38	Ru and Ni—Privileged Metal Combination for Environmental Nanocatalysis. <i>Catalysts</i> , 2020, 10, 992.	1.6	10
39	Consensus-Based Pharmacophore Mapping for New Set of N-(disubstituted-phenyl)-3-hydroxyl-naphthalene-2-carboxamides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6583.	1.8	11
40	Biological Activities and ADMET-Related Properties of Novel Set of Cinnamanilides. <i>Molecules</i> , 2020, 25, 4121.	1.7	9
41	Assessment of Heating and Cooling of a Spontaneous Fire Source in Coal Deposits—Effect of Coal Grain Size. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 907.	0.8	0
42	The Mechanisms of Endogenous Fires Occurring in Extractive Waste Dumping Facilities. <i>Sustainability</i> , 2020, 12, 2856.	1.6	14
43	Natural desorption of carbon monoxide during the crushing of coal simulating natural rock mass pressure. <i>Science of the Total Environment</i> , 2020, 736, 139639.	3.9	9
44	Nano-Ru Supported on Ni Nanowires for Low-Temperature Carbon Dioxide Methanation. <i>Catalysts</i> , 2020, 10, 513.	1.6	17
45	Unified method for the determination of chemical composition in different types of materials using Wavelength Dispersive X-ray Fluorescence Spectrometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 163, 108030.	2.5	2
46	Some Aspects of the Control for the Radial Distribution of Burden Material and Gas Flow in the Blast Furnace. <i>Energies</i> , 2020, 13, 923.	1.6	14
47	Research Collaboration Patterns in Sustainable Mining—A Co-Authorship Analysis of Publications. <i>Sustainability</i> , 2020, 12, 4756.	1.6	5
48	Resource Assessment and Numerical Modeling of CBM Extraction in the Upper Silesian Coal Basin, Poland. <i>Energies</i> , 2020, 13, 2153.	1.6	17
49	An Assessment of the Formations and Structures Suitable for Safe CO ₂ Geological Storage in the Upper Silesia Coal Basin in Poland in the Context of the Regulation Relating to the CCS. <i>Energies</i> , 2020, 13, 195.	1.6	15
50	Research on the Processes of Injecting CO ₂ into Coal Seams with CH ₄ Recovery Using Horizontal Wells. <i>Energies</i> , 2020, 13, 416.	1.6	18
51	Reasons for breaking of chemical bonds of gas molecules during movement of explosion products in cracks formed in rock mass. <i>International Journal of Mining Science and Technology</i> , 2020, 30, 265-269.	4.6	9
52	Biohydrogen production from cheese whey powder by <i>Enterobacter asburiae</i> : Effect of operating conditions on hydrogen yield and chemometric study of the fermentative metabolites. <i>Energy Reports</i> , 2020, 6, 1170-1180.	2.5	26
53	Profile of CO ₂ , CO, and H ₂ Emissions from Thermal Oxidation of Polish Coals. <i>Materials</i> , 2020, 13, 848.	1.3	9
54	A study on the static field of a point charge in three-dimensional electrodynamics. <i>Journal of Physics Communications</i> , 2020, 4, 075020.	0.5	0

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55	Testing Device for Radon Migration Experiments, the Construction and Preliminary Results. <i>Pure and Applied Geophysics</i> , 2019, 176, 2557.	0.8	1
56	Electrochemical Corrosion Monitoring in Low Conductive Fluid: Pilot-Scale Study on Sulfolane Corrosion Potential. <i>Proceedings (mdpi)</i> , 2019, 16, .	0.2	0
57	The Bioconversion of Sewage Sludge to Bio-Fuel: The Environmental and Economic Benefits. <i>Materials</i> , 2019, 12, 2417.	1.3	20
58	SAR-mediated Similarity Assessment of the Property Profile for New, Silicon-Based AChE/BChE Inhibitors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5385.	1.8	10
59	Numerical Modeling of CO ₂ Migration in Saline Aquifers of Selected Areas in the Upper Silesian Coal Basin in Poland. <i>Energies</i> , 2019, 12, 3093.	1.6	9
60	Utilization of Carbon Dioxide in Coal Gasification—An Experimental Study. <i>Energies</i> , 2019, 12, 140.	1.6	17
61	Characteristic of Possible Obtained Products during the well Underground Coal Gasification. <i>Solid State Phenomena</i> , 2019, 291, 52-62.	0.3	4
62	The effect of coal grain size on the sorption of hydrocarbons from gas mixtures. <i>International Journal of Energy Research</i> , 2019, 43, 3496-3506.	2.2	13
63	Analysis of the Excess Hydrocarbon Gases Output from Refinery Plants. <i>Processes</i> , 2019, 7, 253.	1.3	2
64	Thermochemical utilization of low rank coal and flotation concentrate. <i>Journal of Sustainable Mining</i> , 2019, 18, 109-111.	0.1	1
65	Novel Benzene-Based Carbamates for AChE/BChE Inhibition: Synthesis and Ligand/Structure-Oriented SAR Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1524.	1.8	18
66	Taguchi Method and Response Surface Methodology in the Treatment of Highly Contaminated Tannery Wastewater Using Commercial Potassium Ferrate. <i>Materials</i> , 2019, 12, 3784.	1.3	23
67	Simultaneous Analysis of Heavy Metal Concentration in Soil Samples. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4705.	1.3	7
68	A study of dynamic adsorption of propylene and ethylene emitted from the process of coal self-heating. <i>Scientific Reports</i> , 2019, 9, 18277.	1.6	8
69	Selective adsorption of ethane, ethylene, propane, and propylene in flammable gas mixtures on different coal samples and implications for fire hazard assessments. <i>International Journal of Coal Geology</i> , 2019, 202, 38-45.	1.9	13
70	Sulphur contamination impact on seasonal and surface water chemistry on a reforested area of a former sulphur mine. <i>Land Degradation and Development</i> , 2019, 30, 212-225.	1.8	9
71	Determination of random pore model parameters for underground coal gasification simulation. <i>Energy</i> , 2019, 166, 972-978.	4.5	38
72	Determination of mercury content in hard coal and fly ash using X-ray diffraction and scanning electron microscopy coupled with chemical analysis. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3927-3942.	2.3	11

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73	Toxicological Evaluation of Thermal Treatment of Drilling Waste from Shale Gas Exploration in Poland. <i>Ecological Chemistry and Engineering S</i> , 2019, 26, 45-57.	0.3	5
74	Chromatographic and in silico assessment of log <i>P</i> measures for new spirohydantoin derivatives with anticancer activity. <i>Journal of Chemometrics</i> , 2018, 32, e2991.	0.7	3
75	The interaction between coal and multi-component gas mixtures in the process of coal heating at various temperatures: An experimental study. <i>Fuel</i> , 2018, 213, 150-157.	3.4	32
76	Changes in the Distribution of Temperature in a Coal Deposit and the Composition of Gases Emitted during Its Heating and Cooling. <i>Sustainability</i> , 2018, 10, 3587.	1.6	6
77	Porous Structure Properties of <i>Andropogon gerardi</i> Derived Carbon Materials. <i>Materials</i> , 2018, 11, 876.	1.3	7
78	Study of the Hazard of Endogenous Fires in Coal Mines – A Chemometric Approach. <i>Energies</i> , 2018, 11, 3047.	1.6	8
79	Utilization of Energy Crops and Sewage Sludge in the Process of Co-Gasification for Sustainable Hydrogen Production. <i>Energies</i> , 2018, 11, 809.	1.6	23
80	Probability-driven 3D pharmacophore mapping of antimycobacterial potential of hybrid molecules combining phenylcarbamoyloxy and N-arylpiperazine fragments. <i>SAR and QSAR in Environmental Research</i> , 2018, 29, 801-821.	1.0	12
81	Research on a Gas Index Reflecting the Sorption Process on Carbon Materials in Coal Mines. <i>Sustainability</i> , 2018, 10, 2468.	1.6	7
82	Microbiota of edible <i>Liometopum apiculatum</i> ant larvae reveals potential functions related to their nutritional value. <i>Food Research International</i> , 2018, 109, 497-505.	2.9	10
83	Assessment of Emission of Selected Gaseous Components from Coal Processing Waste Storage Site. <i>Sustainability</i> , 2018, 10, 744.	1.6	7
84	Analysis of Biomass Blend Co-Firing for Post Combustion CO ₂ Capture. <i>Sustainability</i> , 2018, 10, 923.	1.6	7
85	Multi-component gas mixture transport through porous structure of coal. <i>Fuel</i> , 2018, 233, 37-44.	3.4	26
86	Towards Intelligent Drug Design System: Application of Artificial Dipeptide Receptor Library in QSAR-Oriented Studies. <i>Molecules</i> , 2018, 23, 1964.	1.7	11
87	Application of chemometrics for identification of chemical constituents of essential oils of importance for biological activities of selected aromatic lamiaceae species. <i>Acta Periodica Technologica</i> , 2018, , 147-158.	0.5	0
88	Chemometric Exploration of the Data Concerning Gases Emitted from Burning Mine Waste Dump. <i>Green Energy and Technology</i> , 2018, , 473-483.	0.4	0
89	POSSIBILITIES AND LIMITATIONS RELATED TO THE APPLICATION OF NIR SPECTROSCOPY IN THE MONITORING OF SOIL CONTAMINATION. , 2018, , .		0
90	in silico estimation of basic activity-relevant parameters for a set of drug absorption promoters. <i>SAR and QSAR in Environmental Research</i> , 2017, 28, 427-449.	1.0	16

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91	Environmental impact and damage categories caused by air pollution emissions from mining and quarrying sectors of European countries. <i>Journal of Cleaner Production</i> , 2017, 143, 159-168.	4.6	97
92	Biowaste utilization in the process of co-gasification with bituminous coal and lignite. <i>Energy</i> , 2017, 118, 18-23.	4.5	35
93	RP-HPTLC Data in Correlation Studies of a 5-Arylidene-2,4-Thiazolidinedione Derivatives. <i>Journal of Chromatographic Science</i> , 2017, 55, 564-570.	0.7	1
94	Chemometric Modelling of Experimental Data on Co-gasification of Bituminous Coal and Biomass to Hydrogen-Rich Gas. <i>Waste and Biomass Valorization</i> , 2017, 8, 1577-1586.	1.8	14
95	Environmental life cycle assessment of methanol and electricity co-production system based on coal gasification technology. <i>Science of the Total Environment</i> , 2017, 574, 1571-1579.	3.9	38
96	Modelling Test of Autothermal Gasification Process Using CFD. <i>Archives of Mining Sciences</i> , 2017, 62, 253-268.	0.6	5
97	Reactivity of chars gasified in a fixed bed reactor with the potential utilization of excess process heat. <i>Journal of Sustainable Mining</i> , 2017, 16, 156-161.	0.1	4
98	Analysis of Porous Structure Parameters of Biomass Chars Versus Bituminous Coal and Lignite Carbonized at High Pressure and Temperature – A Chemometric Study. <i>Energies</i> , 2017, 10, 1457.	1.6	21
99	Effect of Coal Grain Size on Sorption Capacity with Respect to Propylene and Acetylene. <i>Energies</i> , 2017, 10, 1919.	1.6	13
100	Sorption characteristic of coal as regards of gas mixtures emitted in the process of the self-heating of coal. <i>E3S Web of Conferences</i> , 2017, 19, 01010.	0.2	3
101	Co-firing coal and biomass blends and their influence on the post-combustion CO ₂ capture installation. <i>E3S Web of Conferences</i> , 2017, 19, 01008.	0.2	2
102	THERMAL UTILIZATION OF SEWAGE SLUDGE IN THE PROCESS OF STEAM CO-GASIFICATION WITH COAL TO HYDROGEN-RICH GAS. , 2017, , .		0
103	Thermodynamic Feasibility of Pure Hydrogen Production and Storage in Iron and Germanium Based Double Chemical Looping Process. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
104	Thermodynamic Feasibility of Hydrogen-Rich Gas Production Supported by Iron Based Chemical Looping Process. <i>Journal of Chemistry</i> , 2016, 2016, 1-5.	0.9	5
105	Carbon dioxide sorption on EDTA modified halloysite. <i>E3S Web of Conferences</i> , 2016, 8, 01054.	0.2	1
106	Kinetics of Sewage Sludge Pyrolysis and Air Gasification of Its Chars. <i>Energy & Fuels</i> , 2016, 30, 4869-4878.	2.5	34
107	Multidimensional (3D/4D-QSAR) probability-guided pharmacophore mapping: investigation of activity profile for a series of drug absorption promoters. <i>RSC Advances</i> , 2016, 6, 76183-76205.	1.7	20
108	Economic efficiency analysis of substitute natural gas (SNG) production in steam gasification of coal with the utilization of HTR excess heat. <i>Energy</i> , 2016, 114, 1207-1213.	4.5	26

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109	Modeling of experimental data on trace elements and organic compounds content in industrial waste dumps. <i>Chemosphere</i> , 2016, 162, 189-198.	4.2	14
110	Assessing the risk of corrosion in amine-based CO ₂ capture process. <i>Journal of Loss Prevention in the Process Industries</i> , 2016, 43, 189-197.	1.7	46
111	Chemometric study of biological activities of 10 aromatic Lamiaceae species' essential oils. <i>Journal of Chemometrics</i> , 2016, 30, 188-196.	0.7	11
112	Determination of rare earth elements in combustion ashes from selected Polish coal mines by wavelength dispersive X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 116, 63-74.	1.5	45
113	Eco-efficiency of underground coal gasification (UCG) for electricity production. <i>Fuel</i> , 2016, 173, 239-246.	3.4	38
114	Co-gasification of coal/sewage sludge blends to hydrogen-rich gas with the application of simulated high temperature reactor excess heat. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8154-8158.	3.8	31
115	Quantitative Modelling of Trace Elements in Hard Coal. <i>PLoS ONE</i> , 2016, 11, e0159265.	1.1	0
116	Study of the polycyclic aromatic hydrocarbons content in gas released from burning mine waste dump. <i>Acta Chromatographica</i> , 2015, 27, 239-254.	0.7	4
117	Experimental Study on Sorption and Desorption of Propylene on Polish Hard Coals. <i>Energy & Fuels</i> , 2015, 29, 4850-4854.	2.5	17
118	Chemometric Study of the Antiproliferative Activity of Some New Hydantoin Derivatives: Assessment of Activity and Chromatographic Lipophilicity Data. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	3
119	Experimental Study of Hydrogasification of Lignite and Subbituminous Coal Chars. <i>Scientific World Journal, The</i> , 2015, 2015, 1-9.	0.8	2
120	Science-Economy-Technology Concordance Matrix for Development and Implementation of Regional Smart Specializations in the Silesian Voivodeship, Poland. <i>Scientific World Journal, The</i> , 2015, 2015, 1-15.	0.8	4
121	Analysis and assessment of a critical event during an underground coal gasification experiment. <i>Journal of Loss Prevention in the Process Industries</i> , 2015, 33, 173-182.	1.7	16
122	Experimental study on application of high temperature reactor excess heat in the process of coal and biomass co-gasification to hydrogen-rich gas. <i>Energy</i> , 2015, 84, 455-461.	4.5	42
123	Chemometric Study of Trace Elements in Hard Coals of the Upper Silesian Coal Basin, Poland. <i>Scientific World Journal, The</i> , 2014, 2014, 1-12.	0.8	10
124	Influence of fuel blend ash components on steam co-gasification of coal and biomass – Chemometric study. <i>Energy</i> , 2014, 78, 814-825.	4.5	39
125	Comparison of the Chemical Properties of Forest Soil from the Silesian Beskid, Poland. <i>Journal of Chemistry</i> , 2014, 2014, 1-8.	0.9	5
126	Calibration of the Method for Measuring ¹⁴ C in Combustion Gases. <i>Radiocarbon</i> , 2014, 56, 1207-1214.	0.8	0

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127	Effect of fuel blend composition on the efficiency of hydrogen-rich gas production in co-gasification of coal and biomass. <i>Fuel</i> , 2014, 128, 442-450.	3.4	71
128	Analysis of the Impact of Physicochemical Parameters Characterizing Coal Mine Waste on the Initialization of Self-Ignition Process with Application of Cluster Analysis. <i>Journal of Sustainable Mining</i> , 2014, 13, 36-40.	0.1	10
129	Structure-Based Modeling of Dye-Fiber Affinity with SOM-4D-QSAR Paradigm: Application to Set of Anthraquinone Derivatives. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 485-502.	0.6	12
130	Chemometric Study of Retention Indices of Some Thiazolidinediones Derivatives in Two Low Polarity Stationary Phases. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 623-629.	0.6	2
131	Steam co-gasification of coal and biomass – Synergy in reactivity of fuel blends chars. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 16152-16160.	3.8	70
132	Selected Environmental Aspects of Gasification and Co-Gasification of Various Types of Waste. <i>Journal of Sustainable Mining</i> , 2013, 12, 6-13.	0.1	39
133	Analysis of the organic contaminants in the condensate produced in the in situ underground coal gasification process. <i>Water Science and Technology</i> , 2013, 67, 644-650.	1.2	29
134	Application of gas chromatography in the study of steam gasification and co-gasification of hard coal and biomass chars. <i>Acta Chromatographica</i> , 2013, 25, 317-330.	0.7	1
135	THE INFLUENCE OF FEEDSTOCK TYPE AND OPERATING PARAMETERS ON TAR FORMATION IN THE PROCESS OF GASIFICATION AND CO-GASIFICATION. <i>Ecological Chemistry and Engineering S</i> , 2013, 20, 747-761.	0.3	4
136	Analysis and Assessment of Parameters Shaping Methane Hazard in Longwall Areas. <i>Journal of Sustainable Mining</i> , 2013, 12, 13-19.	0.1	17
137	Modelling of Gas Flow in the Underground Coal Gasification Process and its Interactions with the Rock Environment. <i>Journal of Sustainable Mining</i> , 2013, 12, 8-20.	0.1	18
138	Equilibrium Model of Steam Gasification of Coal. <i>Journal of Sustainable Mining</i> , 2013, 12, 21-28.	0.1	11
139	Partial Least Square and Hierarchical Clustering in ADMET Modeling: Prediction of Blood – Brain Barrier Permeation of β -Adrenergic and Imidazoline Receptor Ligands. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 622.	0.9	24
140	APPLICATION OF CLASSIFICATION AND SYSTEMATIZATION METHODS IN ASSESSMENT OF THE LEVEL OF ASSOCIATED HAZARDS IN THE EXPLOITATION AREAS / ZASTOSOWANIE METOD KLASYFIKACJI I SYSTEMATYZACJI ZBIORÓW DO OCENY POZIOMU ZAGROŻEŃ SKOJARZONYCH W REJONACH EKSPLOATACYJNYCH. <i>Archives of Mining Sciences</i> , 2013, 58, .	0.6	2
141	The Chemometric Study and Quantitative Structure Retention Relationship Modeling of Liquid Chromatography Separation of Ziprasidone Components. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 730-744.	0.6	8
142	Chemometric Study of the Ex Situ Underground Coal Gasification Wastewater Experimental Data. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5745-5758.	1.1	31
143	Semi-technical underground coal gasification (UCG) using the shaft method in Experimental Mine – Barbara. <i>Fuel</i> , 2012, 99, 170-179.	3.4	70
144	Multivariate evaluation of the correlation between retention data and molecular descriptors of antiepileptic hydantoin analogs. <i>Journal of Chemometrics</i> , 2012, 26, 95-107.	0.7	3

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145	Experimental simulation of hard coal underground gasification for hydrogen production. <i>Fuel</i> , 2012, 91, 40-50.	3.4	112
146	Study of retention of 31 polyoxygenated steroids by normal- and reversed-phase thin-layer chromatography. <i>Acta Chromatographica</i> , 2011, 23, 429-445.	0.7	4
147	Steam co-gasification of coal and biomass derived chars with synergy effect as an innovative way of hydrogen-rich gas production. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14455-14463.	3.8	70
148	Exchangeable and Bioavailable Aluminium in the Mountain Forest Soil of Barania Góra Range (Silesian) Tj ETQq0 0,0rgBT /Overlock 10	1.1	19
149	Coal char reactivity as a fuel selection criterion for coal-based hydrogen-rich gas production in the process of steam gasification. <i>Energy Conversion and Management</i> , 2011, 52, 37-45.	4.4	36
150	Gasification of lignite and hard coal with air and oxygen enriched air in a pilot scale ex situ reactor for underground gasification. <i>Fuel</i> , 2011, 90, 1953-1962.	3.4	121
151	Steam gasification of energy crops of high cultivation potential in Poland to hydrogen-rich gas. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 2038-2043.	3.8	50
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