Haoquan Hu

List of Publications by Year
in descending order

150	4,881	39	59
papers	citations	h-index	g-index
		81900	133252

150	150	150	3415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into effect of Ca(OH)2 on pyrolysis behaviors and products distribution of Hongshaquan coal. Fuel, 2022, 307, 121791.	6.4	20
2	Effect of Fe components in red mud on catalytic pyrolysis of low rank coal. Journal of the Energy Institute, 2022, 100, 1-9.	5.3	40
3	Pyrolysis behavior of low-density polyethylene over HZSM-5 via rapid infrared heating. Science of the Total Environment, 2022, 806, 151287.	8.0	19
4	Pyrolysis behaviors of model compounds with representative oxygen-containing functional groups in coal over calcium. Fuel, 2022, 310, 122247.	6.4	12
5	ZIF-derived hierarchical pore carbons as high-performance catalyst for methane decomposition. Journal of the Energy Institute, 2022, 100, 197-205.	5.3	8
6	Pyrolysis behaviors and product distributions of coal flotation sample separated by float and sink test. Fuel, 2022, 312, 122923.	6.4	6
7	Catalytic upgrading of ex-situ heavy coal tar over modified activated carbon. Fuel, 2022, 312, 122912.	6.4	5
8	Insights into a Low-Rank Naomaohu Coal Structural Information by Multistage Fractions Coupled with LIAD-VUVPI-TOFMS. ACS Omega, 2022, 7, 6935-6943.	3.5	3
9	Process parameter optimization for integrated process of coal pyrolysis with dry reforming of low carbon alkane over Ni/La2O3â€“ZrO2. Journal of the Energy Institute, 2022, 102, 54-59.	5.3	4
10	Novel insight into the mechanism of coal hydropyrolysis using deuterium tracer method. Fuel, 2022, 321, 124109.	6.4	5
11	Modeling char surface area during coal pyrolysis: Validation of relationship between pore structure and polymer network. AIChE Journal, 2022, 68, .	3.6	2
12	Insight into synergistic effect of co-pyrolysis of low-rank coal and waste polyethylene with or without additives using rapid infrared heating. Journal of the Energy Institute, 2022, 102, 384-394.	5.3	18
13	In-situ catalytic upgrading of coal pyrolysis volatiles over red mud-supported nickel catalysts. Fuel, 2022, 324, 124742.	6.4	16
14	Effect of red mud-based additives on the formation characteristics of tar and gas produced during coal pyrolysis. Journal of the Energy Institute, 2022, 104, 1-11.	5.3	9
15	Co-pyrolysis behaviors of low-rank coal and polystyrene with in-situ pyrolysis time-of-flight mass spectrometry. Fuel, 2021, 286, 119461.	6.4	14
16	Modeling char surface area evolution during coal pyrolysis: Effect of swelling and gasification at high pressures. Proceedings of the Combustion Institute, 2021, 38, 4151-4159.	3.9	5
17	CO2 reforming of methane over activated carbon-Ni/MgO-Al2O3 composite catalysts for syngas production. Fuel Processing Technology, 2021, 211, 106595.	7.2	14
18	Quantitative characterization of coal structure by high-resolution CP/MAS 13C solid-state NMR spectroscopy. Proceedings of the Combustion Institute, 2021, 38, 4161-4170.	3.9	17

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19	Highly Dispersed Rh/NbO_{<i>x</i>} Invoking High Catalytic Performances for the Valorization of Lignin Monophenols and Lignin Oil into Aromatics. ACS Sustainable Chemistry and Engineering, 2021, 9, 3529-3541.	6.7	20
20	Integrated process of coal pyrolysis with dry reforming of low carbon alkane over Ni/La2O3-ZrO2 with different La/Zr ratio. Fuel, 2021, 292, 120412.	6.4	9
21	Evaluation of coking coal by a modified fluorescence alteration of multiple macerals technique. Fuel, 2021, 291, 120138.	6.4	3
22	Modeling char surface area evolution during coal pyrolysis: Evolving characteristics with coal rank. Journal of Analytical and Applied Pyrolysis, 2021, 156, 105110.	5.5	6
23	Novel detection of primary and secondary volatiles from cedar pyrolysis using in-situ pyrolysis double ionization time-of-flight mass spectrometry. Chemical Engineering Science, 2021, 236, 116545.	3.8	15
24	Maximizing production of high-quality tar from catalytic upgrading of lignite pyrolysis volatiles over Ni-xCe/Y under CH4/CO2 atmosphere. Fuel, 2021, 297, 120767.	6.4	6
25	Insight to pyrolysis behavior of three aromatic ethers by pyrolysis coupled with single-photon ionization molecular-beam mass spectrometry. Fuel, 2021, 298, 120821.	6.4	6
26	Study on pyrolysis behavior of long-chain n-alkanes with photoionization molecular-beam mass spectrometer. Journal of Analytical and Applied Pyrolysis, 2021, 159, 105324.	5.5	4
27	Insight into co-pyrolysis interactions of Pingshuo coal and high-density polyethylene via in-situ Py-TOF-MS and EPR. Fuel, 2021, 303, 121199.	6.4	17
28	Enhanced co-pyrolysis synergies between cedar and Naomaohu coal volatiles for tar production. Journal of Analytical and Applied Pyrolysis, 2021, 160, 105355.	5.5	7
29	CO 2 Reforming of Methane over Feâ€Modified Niâ€Based Catalyst for Syngas Production. Energy Technology, 2020, 8, 1900231.	3.8	0
30	Catalytic upgrading of lignite pyrolysis volatiles over modified HY zeolites. Fuel, 2020, 259, 116234.	6.4	40
31	Effect of functional groups on volatile evolution in coal pyrolysis process with in-situ pyrolysis photoionization time-of-flight mass spectrometry. Fuel, 2020, 260, 116322.	6.4	46
32	Effect of hydrogen addition on formation of hydrogen and carbon from methane decomposition over Ni/Al₂O₃. Canadian Journal of Chemical Engineering, 2020, 98, 536-543.	1.7	8
33	A review on high catalytic efficiency of solid acid catalysts for lignin valorization. Bioresource Technology, 2020, 298, 122432.	9.6	63
34	Pyrolysis behaviors of coal-related model compounds catalyzed by pyrite. Fuel, 2020, 262, 116526.	6.4	10
35	Modeling the influence of changes in aliphatic structure on char surface area during coal pyrolysis. AIChE Journal, 2020, 66, e16834.	3.6	8
36	Catalytic cracking of coal-tar model compounds over ZrO2/Al2O3 and Ni-Ce/Al2O3 catalysts under steam atmosphere. Fuel, 2020, 263, 116763.	6.4	24

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37	Mechanism of methane decomposition with hydrogen addition over activated carbon via in-situ pyrolysis-electron impact ionization time-of-flight mass spectrometry. Fuel, 2020, 263, 116734.	6.4	10
38	Enhanced production of light tar from integrated process of in-situ catalytic upgrading lignite tar and methane dry reforming over Ni/mesoporous Y. Fuel, 2020, 279, 118533.	6.4	20
39	Insight into the aromatic ring structures of a low-rank coal by step-wise oxidation degradation. Fuel Processing Technology, 2020, 210, 106563.	7.2	42
40	Effects of Vitrinite in Low-Rank Coal on the Structure and Combustion Reactivity of Pyrolysis Chars. ACS Omega, 2020, 5, 17314-17323.	3.5	12
41	In-situ detection of initial products from lignite pyrolysis over modified Y-type zeolites by pyrolysis photoionization time-of-flight mass spectrometry. Chemical Engineering Science: X, 2020, 8, 100081.	1.5	0
42	Catalytic performance of modified kaolinite in pyrolysis of benzyl phenyl ether: A model compound of low rank coal. Journal of the Energy Institute, 2020, 93, 2314-2324.	5.3	2
43	Beyond Solution-Based Protocols: MOF Membrane Synthesis in Supercritical Environments for an Elegant Sustainability Performance Balance. , 2020, 2, 1142-1147.		16
44	In-situ catalytic cracking of coal pyrolysis tar coupled with steam reforming of ethane over carbon based catalyst. Fuel Processing Technology, 2020, 209, 106551.	7.2	16
45	Preparation of bimetallic catalysts Ni-Co and Ni-Fe supported on activated carbon for methane decomposition. Carbon Resources Conversion, 2020, 3, 190-197.	5.9	24
46	Oxidative Catalytic Cracking and Reforming of Coal Pyrolysis Volatiles over NiO. Energy & Fuels, 2020, 34, 6928-6937.	5.1	11
47	Integrated coal pyrolysis with steam reforming of propane to improve tar yield. Journal of Analytical and Applied Pyrolysis, 2020, 147, 104805.	5.5	15
48	Hydrogen peroxide oxidation degradation of a low-rank Naomaohu coal. Fuel Processing Technology, 2020, 207, 106484.	7.2	36
49	Catalytic hydrogenolysis of lignin Î²-O-4 aryl ether compound and lignin to aromatics over Rh/Nb2O5 under low H2 pressure. Fuel Processing Technology, 2020, 203, 106392.	7.2	42
50	Integrated coal pyrolysis with dry reforming of low carbon alkane over Ni/La2O3 to improve tar yield. Fuel, 2020, 266, 117092.	6.4	15
51	Removal of elemental mercury in flue gas by Cu-Fe modified magnetosphere from coal combustion fly ash. Fuel, 2020, 271, 117668.	6.4	15
52	Co-pyrolysis of Baiyinhua lignite and pine in an infrared-heated fixed bed to improve tar yield. Fuel, 2020, 272, 117739.	6.4	21
53	Inâ€Situ Upgrading of Coal Pyrolysis Tar with Steam Catalytic Cracking over Ni/Al₂O₃ Catalysts. ChemistrySelect, 2020, 5, 4905-4912.	1.5	6
54	Novel insight into pyrolysis behaviors of lignin using in-situ pyrolysis-double ionization time-of-flight mass spectrometry combined with electron paramagnetic resonance spectroscopy. Bioresource Technology, 2020, 312, 123555.	9.6	23

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55	Fast co-pyrolysis of a massive Naomaohu coal and cedar mixture using rapid infrared heating. Energy Conversion and Management, 2020, 205, 112442.	9.2	50
56	Effect of different acid-leached USY zeolites on in-situ catalytic upgrading of lignite tar. Fuel, 2020, 266, 117089.	6.4	32
57	Effect of reducibility of transition metal oxides on in-situ oxidative catalytic cracking of tar. Energy Conversion and Management, 2019, 197, 111871.	9.2	43
58	Integrated process for partial oxidation of heavy oil and in-situ reduction of red mud. Applied Catalysis B: Environmental, 2019, 258, 117944.	20.2	28
59	Fast pyrolysis behaviors of cedar in an infrared-heated fixed-bed reactor. Bioresource Technology, 2019, 290, 121739.	9.6	25
60	Integrated process of coal tar upgrading and in-situ reduction of Fe2O3. Fuel Processing Technology, 2019, 191, 20-28.	7.2	18
61	Integrated process of coal pyrolysis with catalytic reforming of simulated coal gas for improving tar yield. Fuel, 2019, 255, 115797.	6.4	17
62	Tuning the Acidity of Pt/ CNTs Catalysts for Hydrodeoxygenation of Diphenyl Ether. Journal of Visualized Experiments, 2019, , .	0.3	0
63	Effect of mineral in coal on preparation of activated carbon for methane decomposition to hydrogen. Fuel, 2019, 258, 116138.	6.4	42
64	Lignin Valorizations with Ni Catalysts for Renewable Chemicals and Fuels Productions. Catalysts, 2019, 9, 488.	3.5	34
65	Modified CPD Model for Coal Devolatilization at Underground Coal Thermal Treatment Conditions. Energy & Fuels, 2019, 33, 2981-2993.	5.1	10
66	In-situ catalytic upgrading of coal pyrolysis tar over activated carbon supported nickel in CO2 reforming of methane. Fuel, 2019, 250, 203-210.	6.4	28
67	Upgrading of vacuum residue with chemical looping partial oxidation over Fe-Mn mixed metal oxides. Fuel, 2019, 239, 764-773.	6.4	24
68	Pyrolytic behavior of coal-related model compounds connected with Câ€"C bridged linkages by in-situ pyrolysis vacuum ultraviolet photoionization mass spectrometry. Fuel, 2019, 241, 533-541.	6.4	27
69	Effect of temperature and simulated coal gas composition on tar production during pyrolysis of a subbituminous coal. Fuel, 2019, 241, 1129-1137.	6.4	60
70	Upgrading of Heavy Oil with Chemical Looping Partial Oxidation over M²⁺ Doped Fe₂O₃. Energy & Fuels, 2019, 33, 257-265.	5.1	6
71	Structural Features and Pyrolysis Behaviors of Extracts from Microwave-Assisted Extraction of a Low-Rank Coal with Different Solvents. Energy & Fuels, 2019, 33, 106-114.	5.1	22
72	Steam catalytic cracking of coal tar over ironâ€containing mixed metal oxides. Canadian Journal of Chemical Engineering, 2019, 97, 702-708.	1.7	7

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73	Ni/MgO Al2O3 catalyst derived from modified [Ni,Mg,Al]-LDH with NaOH for CO2 reforming of methane. International Journal of Hydrogen Energy, 2018, 43, 2689-2698.	7.1	25
74	In Situ Analysis of Catalytic Effect of Calcium Nitrate on Shenmu Coal Pyrolysis with Pyrolysis Vacuum Ultraviolet Photoionization Mass Spectrometry. Energy & Fuels, 2018, 32, 1061-1069.	5.1	34
75	Effect of Ca(NO3)2 addition in coal on properties of activated carbon for methane decomposition to hydrogen. Fuel Processing Technology, 2018, 176, 85-90.	7.2	31
76	Methane decomposition with some CO2 as co-feed: Co-production of syngas and carbon fibers/microspheres by using a hybrid of K2CO3 and coal char. International Journal of Hydrogen Energy, 2018, 43, 6066-6075.	7.1	9
77	Co-production of hydrogen-rich gas and porous carbon by partial gasification of coal char. Chemical Papers, 2018, 72, 273-287.	2.2	15
78	Preparation of Ceâ€"Mn/Fe₂O₃ Catalysts for Steam Catalytic Cracking of Coal Tar. ChemistrySelect, 2018, 3, 12537-12543.	1.5	2
79	Integrated Process of Coal Pyrolysis with Steam Reforming of Ethane for Improving the Tar Yield. Energy & Fuels, 2018, 32, 12268-12276.	5.1	15
80	In-situ analysis of catalytic pyrolysis of Baiyinhua coal with pyrolysis time-of-flight mass spectrometry. Fuel, 2018, 227, 386-393.	6.4	26
81	In-situ catalytic upgrading of coal pyrolysis tar coupled with CO2 reforming of methane over Ni-based catalysts. Fuel Processing Technology, 2018, 177, 119-128.	7.2	32
82	Effect of hydrogen additive on methane decomposition to hydrogen and carbon over activated carbon catalyst. International Journal of Hydrogen Energy, 2018, 43, 17611-17619.	7.1	28
83	Upgrading of vacuum residue with chemical looping partial oxidation over Ce doped Fe2O3. Energy, 2018, 162, 542-553.	8.8	27
84	Isotope analysis for understanding the hydrogen transfer mechanism in direct liquefaction of Bulianta coal. Fuel, 2017, 203, 82-89.	6.4	26
85	Co-production of hydrogen and fibrous carbons by methane decomposition using K 2 CO 3 /carbon hybrid as the catalyst. International Journal of Hydrogen Energy, 2017, 42, 11047-11052.	7.1	22
86	Online analysis of initial volatile products of Shenhua coal and its macerals with pyrolysis vacuum ultraviolet photoionization mass spectrometry. Fuel Processing Technology, 2017, 163, 67-74.	7.2	22
87	Integrated process of coal pyrolysis with CO2 reforming of methane by spark discharge plasma. Journal of Analytical and Applied Pyrolysis, 2017, 126, 194-200.	5.5	16
88	Preparation of carbon-Ni/MgO-Al2O3 composite catalysts for CO2 reforming of methane. International Journal of Hydrogen Energy, 2017, 42, 5047-5055.	7.1	25
89	Partial oxidation of vacuum residue over Al and Zr-doped Î±-Fe2O3 catalysts. Fuel, 2017, 210, 803-810.	6.4	32
90	<i>In Situ</i> Catalytic Upgrading of Coal Pyrolysis Tar over Carbon-Based Catalysts Coupled with CO₂ Reforming of Methane. Energy & Fuels, 2017, 31, 9356-9362.	5.1	24

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91	Preparation of Fe-Doped Carbon Catalyst for Methane Decomposition to Hydrogen. Industrial & Engineering Chemistry Research, 2017, 56, 11021-11027.	3.7	42
92	Effect of hydrothermal treatment on structure and liquefaction behavior of Baiyinhua coal. Fuel Processing Technology, 2017, 167, 648-654.	7.2	42
93	Model for the Evolution of Pore Structure in a Lignite Particle during Pyrolysis. 2. Influence of Cross-Linking Reactions, Molten Metaplast, and Molten Ash on Particle Surface Area. Energy & Fuels, 2017, 31, 8036-8044.	5.1	16
94	Hydrogen production by catalytic methane decomposition: Carbon materials as catalysts or catalyst supports. International Journal of Hydrogen Energy, 2017, 42, 19755-19775.	7.1	125
95	Distribution of hydroxyl group in coal structure: A theoretical investigation. Fuel, 2017, 189, 195-202.	6.4	35
96	Integrated process of coal pyrolysis and CO₂reforming of methane with and without using dielectric barrier discharge plasma. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 613-620.	2.3	6
97	Interaction between Hydrogen-Donor and Nondonor Solvents in Direct Liquefaction of Bulianta Coal. Energy & Fuels, 2016, 30, 10260-10267.	5.1	23
98	Effect of air pre-oxidization on coal-based activated carbon for methane decomposition to hydrogen. International Journal of Hydrogen Energy, 2016, 41, 10661-10669.	7.1	25
99	Controllable synthesis of chainlike hierarchical ZSM-5 templated by sucrose and its catalytic performance. Catalysis Communications, 2016, 75, 32-36.	3.3	31
100	In-situ catalytic upgrading of coal pyrolysis tar on carbon-based catalyst in a fixed-bed reactor. Fuel Processing Technology, 2016, 147, 41-46.	7.2	85
101	Xilinguole lignite pyrolysis under methane with or without Ni/Al2O3 as catalyst. Fuel Processing Technology, 2015, 136, 112-117.	7.2	15
102	Pyrolysis of Huolinhe lignite extract by in-situ pyrolysis-time of flight mass spectrometry. Fuel Processing Technology, 2015, 135, 52-59.	7.2	52
103	Effect of tetrahydrofuran extraction on lignite pyrolysis under nitrogen. Journal of Analytical and Applied Pyrolysis, 2015, 112, 113-120.	5.5	53
104	A theoretical study on bond dissociation enthalpies of coal based model compounds. Fuel, 2015, 153, 70-77.	6.4	54
105	In situ FT-IR spectroscopic studies on thermal decomposition of the weak covalent bonds of brown coal. Journal of Analytical and Applied Pyrolysis, 2015, 115, 262-267.	5.5	73
106	Pyrolysis behaviors of two coal-related model compounds on a fixed-bed reactor. Fuel Processing Technology, 2015, 129, 113-119.	7.2	44
107	CO2 reforming of methane on Ni/Î^{3}-Al2O3 catalyst prepared by dielectric barrier discharge hydrogen plasma. International Journal of Hydrogen Energy, 2014, 39, 5756-5763.	7.1	49
108	Adsorption separation performance of H2/CH4 on ETS-4 by concentration pulse chromatography. Journal of Energy Chemistry, 2014, 23, 213-220.	12.9	8

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109	Synthesis of hierarchical ZSM-5 by cetyltrimethylammonium bromide assisted self-assembly of zeolite seeds and its catalytic performances. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 575-584.	1.7	20
110	Integrated Process of Coal Pyrolysis with Steam Reforming of Methane for Improving the Tar Yield. Energy & Fuels, 2014, 28, 7377-7384.	5.1	30
111	Experimental and Theoretical Investigation on Three Î±,Ï‰-Diarylalkane Pyrolysis. Energy & Fuels, 2014, 28, 6905-6910.	5.1	13
112	Experimental and Theoretical Study on the Pyrolysis Mechanism of Three Coal-Based Model Compounds. Energy & Fuels, 2014, 28, 980-986.	5.1	41
113	Direct liquefaction behaviors of Bulianta coal and its macerals. Fuel Processing Technology, 2014, 128, 232-237.	7.2	46
114	Effect of inherent and additional pyrite on the pyrolysis behavior of oil shale. Journal of Analytical and Applied Pyrolysis, 2014, 105, 342-347.	5.5	65
115	Hierarchical porous carbon catalyst for simultaneous preparation of hydrogen and fibrous carbon by catalytic methane decomposition. International Journal of Hydrogen Energy, 2013, 38, 8732-8740.	7.1	41
116	Ni doped carbons for hydrogen production by catalytic methane decomposition. International Journal of Hydrogen Energy, 2013, 38, 3937-3947.	7.1	43
117	Preparation of activated carbon supported Feâ€“Al2O3 catalyst and its application for hydrogen production by catalytic methane decomposition. International Journal of Hydrogen Energy, 2013, 38, 10373-10380.	7.1	68
118	Integrated coal pyrolysis with methane aromatization over Mo/HZSM-5 for improving tar yield. Fuel, 2013, 114, 187-190.	6.4	51
119	Hierarchical porous carbons prepared from direct coal liquefaction residue and coal for supercapacitor electrodes. Carbon, 2013, 55, 221-232.	10.3	134
120	Preparation and applications of hierarchical porous carbons from direct coal liquefaction residue. Fuel, 2013, 109, 2-8.	6.4	32
121	Analysis of coal tar derived from pyrolysis at different atmospheres. Fuel, 2013, 104, 14-21.	6.4	156
122	Preparation of mesoporous activated carbons from coal liquefaction residue for methane decomposition. Journal of Natural Gas Chemistry, 2012, 21, 759-766.	1.8	21
123	Mesoporous carbon prepared from direct coal liquefaction residue for methane decomposition. Carbon, 2012, 50, 952-959.	10.3	54
124	Effect of composition in coal liquefaction residue on catalytic activity of the resultant carbon for methane decomposition. Fuel, 2012, 96, 462-468.	6.4	23
125	Integrated Process of Coal Pyrolysis with CO₂ Reforming of Methane by Dielectric Barrier Discharge Plasma. Energy & Fuels, 2011, 25, 4036-4042.	5.1	21
126	Catalytic methane decomposition over activated carbons prepared from direct coal liquefaction residue by KOH activation with addition of SiO 2 or SBA-15. International Journal of Hydrogen Energy, 2011, 36, 8978-8984.	7.1	33

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127	Pyrolysis behavior of vitrinite and inertinite from Chinese Pingshuo coal by TGâ€“MS and in a fixed bed reactor. Fuel Processing Technology, 2011, 92, 780-786.	7.2	106
128	Integrated coal pyrolysis with CO2 reforming of methane over Ni/MgO catalyst for improving tar yield. Fuel Processing Technology, 2010, 91, 419-423.	7.2	67
129	Isotope Analysis for Understanding the Tar Formation in the Integrated Process of Coal Pyrolysis with CO₂ Reforming of Methane. Energy & Fuels, 2010, 24, 4402-4407.	5.1	35
130	Pyrolysis Behavior of Macerals from Weakly Reductive Coals. Energy & Fuels, 2010, 24, 6314-6320.	5.1	26
131	Preparation of Ni/MgO catalyst for CO2 reforming of methane by dielectric-barrier discharge plasma. Catalysis Communications, 2010, 11, 968-972.	3.3	64
132	Hydrogenation of naphthalene on nickel phosphide supported on silica. Asia-Pacific Journal of Chemical Engineering, 2009, 4, 574-580.	1.5	9
133	Synthesis and modification of zeolite NaA adsorbents for separation of hydrogen and methane. Asia-Pacific Journal of Chemical Engineering, 2009, 4, 666-671.	1.5	10
134	Effects of the Catalyst and Reaction Conditions on the Integrated Process of Coal Pyrolysis with CO₂Reforming of Methane^{â€}. Energy & Fuels, 2009, 23, 4782-4786.	5.1	19
135	Pyrolysis Behavior of Weakly Reductive Coals from Northwest China. Energy & Fuels, 2009, 23, 870-875.	5.1	44
136	Kinetics of coal liquefaction during heating-up and isothermal stages. Fuel, 2008, 87, 508-513.	6.4	33
137	Approach for promoting liquid yield in direct liquefaction of Shenhua coal. Fuel Processing Technology, 2008, 89, 1090-1095.	7.2	53
138	Synthesis of 2,6-dimethylnaphthalene by methylation of 2-methylnaphthalene on mesoporous ZSM-5 by desilication. Catalysis Communications, 2008, 10, 336-340.	3.3	41
139	In Situ Assembly of Zeolite Nanocrystals into Mesoporous Aggregate with Single-Crystal-Like Morphology without Secondary Template. Chemistry of Materials, 2008, 20, 1670-1672.	6.7	76
140	Role of Iron-Based Catalyst and Hydrogen Transfer in Direct Coal Liquefaction. Energy & Fuels, 2008, 22, 1126-1129.	5.1	65
141	Pyrolysis Behaviors of Tumuji Oil Sand by Thermogravimetry (TG) and in a Fixed Bed Reactor. Energy & Fuels, 2007, 21, 2245-2249.	5.1	69
142	An Ordered Mesoporous Aluminosilicate with Completely Crystalline Zeolite Wall Structure. Journal of the American Chemical Society, 2006, 128, 10636-10637.	13.7	206
143	Selective synthesis of 2,6-dimethylnaphthalene by methylation of 2-methylnaphthalene with methanol on Zr/(Al)ZSM-5. Catalysis Communications, 2006, 7, 255-259.	3.3	40
144	Methylation of 2-Methylnaphthalene with Methanol to 2,6-Dimethylnaphthalene over ZSM-5 Modified by Zr and Si. Industrial & Engineering Chemistry Research, 2006, 45, 3531-3536.	3.7	17

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145	Effect of Atmosphere on Evolution of Sulfur-Containing Gases during Coal Pyrolysis. Energy & Fuels, 2005, 19, 892-897.	5.1	63
146	Desulfurization of Coal by Pyrolysis and Hydropyrolysis with Addition of KOH/NaOH. Energy & Fuels, 2005, 19, 1673-1678.	5.1	34
147	Effect of inorganic matter on reactivity and kinetics of coal pyrolysis. Fuel, 2004, 83, 713-718.	6.4	190
148	Product distribution and sulfur behavior in coal pyrolysis. Fuel Processing Technology, 2004, 85, 849-861.	7.2	98
149	Nonisothermal Catalytic Liquefaction of Corn Stalk in Subcritical and Supercritical Water. Energy & Fuels, 2004, 18, 90-96.	5.1	109
150	Catalytic Liquefaction of Coal with Highly Dispersed Fe2S3 Impregnated in-Situ. Energy & Fuels, 2001, 15, 830-834.	5.1	18