Hongwei Wu

List of Publications by Year
in descending order

337 papers	9,411 citations	39113 52 h-index	54771 88 g-index
338 all docs	338 docs citations	338 times ranked	8440 citing authors

#	Article	IF	Citations
1	Contributions of Thermal Ejection and Evaporation to the Formation of Condensable Volatiles during Cellulose Pyrolysis. Energy & Fuels, 2022, 36, 1939-1947.	2.5	5
2	Characterization of Ashes from Co-Firing Biochar with Coal under Pulverized-Fuel Conditions. ACS Engineering Au, 2022, 2, 397-405.	2.3	4
3	Effect of celluloseâ€“lignin interactions on char structural changes during fast pyrolysis at 100â€“350â€¯Â°C. Proceedings of the Combustion Institute, 2021, 38, 3977-3986.	2.4	24
4	Mechanistic insights into effect of feeding rate on soot formation during rapid pyrolysis of biomass model components in a drop-tube furnace at high temperature. Proceedings of the Combustion Institute, 2021, 38, 5191-5199.	2.4	3
5	Fundamental investigation into characteristics of particulate matter produced from rapid pyrolysis of biochar in a drop-tube furnace at 1300ÂÂ°C. Proceedings of the Combustion Institute, 2021, 38, 5229-5236.	2.4	3
6	Effect of phosphorus (P) on the structure and reactivity of biochars produced from the pyrolysis of acid-washed biomass loaded with P of various forms. Proceedings of the Combustion Institute, 2021, 38, 3959-3967.	2.4	5
7	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
8	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
9	Formation of reaction intermediates and primary volatiles during acid-catalysed fast pyrolysis of cellulose in a wire-mesh reactor. Proceedings of the Combustion Institute, 2021, 38, 4301-4308.	2.4	9
10	Energy Research at ACS in the Age of Open Access. ACS Omega, 2021, 6, 7967-7969.	1.6	1
11	Special Issue in Memory of Professor MÃ¡rio Costa. Energy & Fuels, 2021, 35, 6935-6939.	2.5	0
12	Cellobiulose as a Key Intermediate during Biomass Hydrothermal Conversion into Biofuels and Biochemicals: Fundamental Decomposition Mechanisms. Energy & Fuels, 2021, 35, 12200-12207.	2.5	2
13	Energy & Fuels Appoints New Associate Editors Rezaei, Jiang, and Goual. Energy & Fuels, 2021, 35, 11593-11593.	2.5	0
14	Virtual Special Issue: Celebrating Authors of Energy & Fuels Most Impactful Articles (2014â€“2017). Energy & Fuels, 2021, 35, 12759-12762.	2.5	3
15	Evolution of Char Properties during Rapid Pyrolysis of Woody Biomass Particles under Pulverized Fuel Conditions. Energy & Fuels, 2021, 35, 15778-15789.	2.5	3
16	Importance of flue gas cooling conditions in particulate matter formation during biomass combustion under conditions pertinent to pulverized fuel applications. Proceedings of the Combustion Institute, 2021, 38, 5201-5208.	2.4	5
17	Energy & Fuels Launches the Series of Virtual Special Issues on Recent Advances in Selected Energy Research Areas. Energy & Fuels, 2021, 35, 1-2.	2.5	13
18	2021 Energy and Fuels Rising Stars. Energy & Fuels, 2021, 35, 15247-15248.	2.5	2

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19	Celebrating the Inaugural 2021 Pioneers in Energy Research. Energy & Fuels, 2021, 35, 16935-16935.	2.5	17
20	2021 Pioneers in Energy Research: Vivian Yam. Energy & Fuels, 2021, 35, 18839-18844.	2.5	3
21	Celebrating 35 Years of Energy & Fuels. Energy & Fuels, 2021, 35, 19857-19858.	2.5	0
22	Effect of temperature on ternary phase diagrams of pyrolytic lignin, mixed solvent and water. Fuel, 2020, 262, 116458.	3.4	4
23	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
24	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
25	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
26	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
27	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
28	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
29	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
30	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
31	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
32	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. , 2020, 2, 563-564.		0
33	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
34	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
35	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
36	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0

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37	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
38	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
39	Energy & Fuels: The Way Forward. Energy & Fuels, 2020, 34, 6519-6520.	2.5	4
40	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
41	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
42	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
43	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
44	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
45	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
46	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
47	Effect of Single/Mixed Model Solvents on the Ternary Phase Diagrams of Pyrolytic Lignin, Model Solvent, and Water. Energy & Fuels, 2020, 34, 15355-15369.	2.5	3
48	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
49	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
50	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
51	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
52	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
53	A Functionâ€Separated Design of Electrode for Realizing Highâ€Performance Hybrid Zinc Battery. Advanced Energy Materials, 2020, 10, 2002992.	10.2	84
54	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0

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55	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
56	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
57	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
58	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
59	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
60	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
61	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
62	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
63	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
64	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
65	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
66	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
67	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
68	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
69	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
70	Rapid Pyrolysis of Pulverized Biomass at a High Temperature: The Effect of Particle Size on Char Yield, Retentions of Alkali and Alkaline Earth Metallic Species, and Char Particle Shape. Energy & Fuels, 2020, 34, 7140-7148.	2.5	16
71	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
72	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0

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73	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
74	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
75	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
76	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
77	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
78	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
79	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
80	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
81	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
82	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
83	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
84	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
85	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
86	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
87	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
88	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
89	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
90	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0

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91	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
92	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
93	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
94	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
95	Hydrothermal Reactions of Biomass-Derived Platform Molecules: Distinct Effect of Aprotic and Protic Solvents on Primary Decomposition of Glucose and Fructose in Hot-Compressed Solvent/Water Mixtures. Industrial & Engineering Chemistry Research, 2020, 59, 7336-7345.	1.8	14
96	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
97	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
98	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
99	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
100	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
101	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
102	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
103	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
104	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
106	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
107	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
108	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
113	Mechanistic insights into the primary reactions during acid-catalysed pyrolysis of levoglucosan at 80â€"140ÂÂ°C. Fuel, 2020, 268, 117390.	3.4	7
114	Differences in soot produced from rapid pyrolysis of xylan, cellulose and lignin under pulverized-fuel conditions. Fuel, 2020, 265, 116991.	3.4	25
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
117	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	1.2	0
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
120	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
121	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
123	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
124	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
125	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
126	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0

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127	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
128	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
129	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
130	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
131	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
132	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
133	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
134	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
135	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
136	Virtual Special Issue of 7th Sino-Australian Symposium on Advanced Coal and Biomass Utilisation Technologies. Energy & Fuels, 2020, 34, 3981-3983.	2.5	1
137	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
138	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
139	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
140	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
141	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
142	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
143	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
144	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0

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145	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
146	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
147	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
148	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
149	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
150	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
151	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
152	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
153	Energy & Fuels Appoints New Associate Editors Shao, Dufour, and Linga. Energy & Fuels, 2020, 34, 7774-7774.	2.5	1
154	Ash cenosphere fragmentation during pulverised pyrite combustion: Importance of cooling. Proceedings of the Combustion Institute, 2019, 37, 2773-2780.	2.4	5
155	Mechanistic investigation into particulate matter formation during air and oxyfuel combustion of formulated water-soluble fractions of bio-oil. Proceedings of the Combustion Institute, 2019, 37, 4345-4351.	2.4	5
156	Volatileâ€“char interactions: Roles of in situ volatiles with distinctly-different chemistry in determining char structure and reactivity. Proceedings of the Combustion Institute, 2019, 37, 2749-2755.	2.4	28
157	Transformation and release of phosphorus during rice bran pyrolysis: Effect of reactor configurations under various conditions. Fuel, 2019, 255, 115755.	3.4	14
158	Structural changes of chars produced from fast pyrolysis of lignin at 100â€“300â€¯Â°C. Fuel, 2019, 255, 115754.	3.4	17
159	Pyrolytic lignin from fast pyrolysis bio-oil via cold-water precipitation: Optimal separation conditions and properties. Fuel, 2019, 242, 580-586.	3.4	23
160	Ageing of bio-oil and its fractions in presence of surfactants. Fuel, 2019, 252, 403-407.	3.4	7
161	Importance of lignin removal in enhancing biomass hydrolysis in hot-compressed water. Bioresource Technology, 2019, 288, 121522.	4.8	22
162	A review on biomass pyrolysis models: Kinetic, network and mechanistic models. Biomass and Bioenergy, 2019, 123, 104-122.	2.9	183

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163	Selective Removal of Sodium from Low-Rank Xinjiang Coal upon Multistage Countercurrent Water Washing: Experimental Investigation and Kinetics Modeling. Energy & Fuels, 2019, 33, 2142-2152.	2.5	2
164	A New Method for Quantifying Phosphorus of Various Occurrence Forms in Solid Fuels. Energy & Fuels, 2019, 33, 3311-3321.	2.5	13
165	Characterization of Size-Segregated Soot from Pine Wood Pyrolysis in a Drop Tube Furnace at 1300 Â°C. Energy & Fuels, 2019, 33, 2293-2300.	2.5	9
166	Interactions between Low- and High-Molecular-Weight Portions of Lignin during Fast Pyrolysis at Low Temperatures. Energy & Fuels, 2019, 33, 11173-11180.	2.5	11
167	Tuning glucose decomposition in hot-compressed gamma-valerolactone/water mixtures: From isomerization to dehydration reactions. Fuel, 2019, 238, 225-231.	3.4	18
168	A New Method for Direct Determination of Char Yield during Solid Fuel Pyrolysis in Drop-Tube Furnace at High Temperature and Its Comparison with Ash Tracer Method. Energy & Fuels, 2019, 33, 1509-1517.	2.5	18
169	Effect of water vapour on particulate matter emission during oxyfuel combustion of char and in situ volatiles generated from rapid pyrolysis of chromated-copper-arsenate-treated wood. Proceedings of the Combustion Institute, 2019, 37, 4319-4327.	2.4	15
170	Separation of Bio-oil by Hydrophilic Surfactants. Energy & Fuels, 2018, 32, 3559-3565.	2.5	11
171	Bed Agglomeration during Bio-oil Fast Pyrolysis in a Fluidized-Bed Reactor. Energy & Fuels, 2018, 32, 3608-3613.	2.5	18
172	Combustion of Fuel Mixtures Containing Crude Glycerol (CG): Important Role of Interactions between CG and Fuel Components in Particulate Matter Emission. Industrial & Engineering Chemistry Research, 2018, 57, 4132-4138.	1.8	7
173	Trace Elements in Various Individual and Mixed Biofuels: Abundance and Release in Particulate Matter during Combustion. Energy & Fuels, 2018, 32, 5978-5989.	2.5	8
174	Formation of organic acids during cellobiose decomposition in hot-compressed water. Fuel, 2018, 218, 174-178.	3.4	7
175	Investigation on Ash Slagging Characteristics During Combustion of Biomass Pellets and Effect of Additives. Energy & Fuels, 2018, 32, 4442-4452.	2.5	35
176	Ternary System of Pyrolytic Lignin, Mixed Solvent, and Water: Phase Diagram and Implications. Energy & Fuels, 2018, 32, 465-474.	2.5	17
177	Synergy on particulate matter emission during the combustion of bio-oil/biochar slurry (bioslurry). Fuel, 2018, 214, 546-553.	3.4	19
178	Occurrence and characteristics of abundant fine included mineral particles in Collie coal of Western Australia. Fuel, 2018, 216, 53-60.	3.4	10
179	Solar-Thermal Pyrolysis of Mallee Wood at High Temperatures. Energy & Fuels, 2018, 32, 4350-4356.	2.5	15
180	6th Sino-Australian Symposium on Advanced Coal and Biomass Utilisation Technologies. Energy & Fuels, 2018, 32, 4065-4068.	2.5	1

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181	Modelling of bio-oil steam gasification in a fluidized bed reactor. Fuel, 2018, 220, 575-585.	3.4	7
182	Effect of volatileâ€“char interactions on PM10 emission during the combustion of biosolid chars under air and oxyfuel conditions. Combustion and Flame, 2018, 197, 290-303.	2.8	11
183	A Novel Two-Stage Alumina Reactor System for Burning Volatiles Generated in Situ from Biosolid: Effect of Pyrolysis Temperature and Combustion Conditions on PM₁ Emission. Energy & Fuels, 2018, 32, 9438-9447.	2.5	8
184	Polymerization of glucose during acid-catalyzed pyrolysis at low temperatures. Fuel, 2018, 230, 83-88.	3.4	14
185	Direct emulsification of crude glycerol and bio-oil without addition of surfactant via ultrasound and mechanical agitation. Fuel, 2018, 227, 183-189.	3.4	22
186	Effect of particle size on particulate matter emissions during biosolid char combustion under air and oxyfuel conditions. Fuel, 2018, 232, 251-256.	3.4	14
187	Solvent effect of gamma-valerolactone (GVL) on cellulose and biomass hydrolysis in hot-compressed GVL/water mixtures. Fuel, 2018, 232, 317-322.	3.4	31
188	Acid-catalysed cellulose pyrolysis at low temperatures. Fuel, 2017, 193, 460-466.	3.4	53
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