Phillip E Savage

List of Publications by Year
in descending order

401 papers	17,444 citations	14655 66 h-index	17105 122 g-index
409 all docs	409 docs citations	409 times ranked	8586 citing authors

#	Article	IF	Citations
1	Recovery of Energy and Nitrogen via Two-Stage Valorization of Food Waste. Industrial & Engineering Chemistry Research, 2022, 61, 12064-12072.	3.7	4
2	Hydrothermal liquefaction of polysaccharide feedstocks with heterogeneous catalysts. Bioresource Technology, 2022, 352, 127100.	9.6	15
3	Correction to â€œAnnouncing the 2021 Class of Influential Researchers â€“ The Americasâ€• Industrial & Engineering Chemistry Research, 2022, 61, 995-995.	3.7	0
4	Effect of Cellulose and Polypropylene on Hydrolysis of Polyethylene Terephthalate for Chemical Recycling. ACS Engineering Au, 2022, 2, 507-514.	5.1	10
5	Protocol to develop component additivity models that predict oil yield from hydrothermal liquefaction. STAR Protocols, 2022, 3, 101536.	1.2	0
6	Heterogeneous catalyst stability during hydrodenitrogenation in supercritical water. Catalysis Today, 2021, 371, 171-178.	4.4	5
7	Ring-opening and hydrodenitrogenation of indole under hydrothermal conditions over Ni, Pt, Ru, and Ni-Ru bimetallic catalysts. Chemical Engineering Journal, 2021, 406, 126853.	12.7	32
8	A molecular, elemental, and multiphase kinetic model for the hydrothermal liquefaction of microalgae. Chemical Engineering Journal, 2021, 407, 127007.	12.7	21
9	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	7.6	0
10	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	4.6	0
11	Updating Industrial & Engineering Chemistry Researchâ€™s Journal Scope and Editorial Team Additions. Industrial & Engineering Chemistry Research, 2021, 60, 1-2.	3.7	0
12	Virtual Special Issue: Celebrating Authors of our Top 1% Most Cited Papers. Industrial & Engineering Chemistry Research, 2021, 60, 1973-1976.	3.7	0
13	<i>I&EC Research</i> Appoints Ashwin W. Patwardhan as Associate Editor. Industrial & Engineering Chemistry Research, 2021, 60, 3259-3259.	3.7	0
14	Screening Potential Catalysts for the Hydrothermal Liquefaction of Food Waste. Energy & Fuels, 2021, 35, 9437-9449.	5.1	8
15	Green Chemistry: A Framework for a Sustainable Future. Organometallics, 2021, 40, 1801-1805.	2.3	4
16	Effects of Potassium Phosphates and Other Additives on Biocrude Production and Composition from Hydrothermal Liquefaction of Pectin and Chitin. Industrial & Engineering Chemistry Research, 2021, 60, 8642-8648.	3.7	5
17	Green Chemistry: A Framework for a Sustainable Future. Organic Letters, 2021, 23, 4935-4939.	4.6	6
18	Green Chemistry: A Framework for a Sustainable Future. Environmental Science & Technology, 2021, 55, 8459-8463.	10.0	12

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19	I&EC Research Appoints Two New Associate Editors. Industrial & Engineering Chemistry Research, 2021, 60, 8311-8311.	3.7	0
20	Green Chemistry: A Framework for a Sustainable Future. Organic Process Research and Development, 2021, 25, 1455-1459.	2.7	18
21	Green Chemistry: A Framework for a Sustainable Future. Journal of Organic Chemistry, 2021, 86, 8551-8555.	3.2	4
22	Green Chemistry: A Framework for a Sustainable Future. ACS Sustainable Chemistry and Engineering, 2021, 9, 8336-8340.	6.7	2
23	Green Chemistry: A Framework for a Sustainable Future. Environmental Science and Technology Letters, 2021, 8, 487-491.	8.7	7
24	Green Chemistry: A Framework for a Sustainable Future. Industrial & Engineering Chemistry Research, 2021, 60, 8964-8968.	3.7	3
25	Green Chemistry: A Framework for a Sustainable Future. ACS Omega, 2021, 6, 16254-16258.	3.5	7
26	Synergistic interactions during hydrothermal liquefaction of plastics and biomolecules. Chemical Engineering Journal, 2021, 417, 129268.	12.7	58
27	I&EC Research 2021 Excellence in Review Awards. Industrial & Engineering Chemistry Research, 2021, 60, 13389-13390.	3.7	0
28	Hydrothermal carbonization of simulated food waste for recovery of fatty acids and nutrients. Bioresource Technology, 2021, 341, 125872.	9.6	22
29	Effect of Process Variables on Food Waste Valorization via Hydrothermal Liquefaction. ACS ES&T Engineering, 2021, 1, 363-374.	7.6	49
30	Identifying and Modeling Interactions between Biomass Components during Hydrothermal Liquefaction in Sub-, Near-, and Supercritical Water. ACS Sustainable Chemistry and Engineering, 2021, 9, 13874-13882.	6.7	24
31	Announcing the 2021 Class of Influential Researchers â€“ The Americas. Industrial & Engineering Chemistry Research, 2021, 60, 17283-17284.	3.7	2
32	Component additivity model for plasticsâ€"biomass mixtures during hydrothermal liquefaction in sub-, near-, and supercritical water. IScience, 2021, 24, 103498.	4.1	8
33	Fate of iron during hydrothermal liquefaction of hemin. Journal of Supercritical Fluids, 2020, 157, 104705.	3.2	5
34	Fast and isothermal hydrothermal liquefaction of sludge at different severities: Reaction products, pathways, and kinetics. Applied Energy, 2020, 260, 114312.	10.1	70
35	Oil from plastic via hydrothermal liquefaction: Production and characterization. Applied Energy, 2020, 278, 115673.	10.1	94
36	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	4.9	0

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37	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	2.5	0
38	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	5.2	0
39	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	11.3	0
40	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	3.4	0
41	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	3.5	0
42	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	2.7	0
43	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	17.4	1
44	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	4.8	0
45	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
46	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	14.6	2
47	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	6.6	0
48	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	4.9	0
49	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	6.7	0
50	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	6.5	0
51	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	6.7	0
52	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	8.7	1
53	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	2.3	1
54	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	3.7	0

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55	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	3.5	0
56	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	4.4	0
57	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
58	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	2.8	0
59	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
60	Announcing the 2020 Class of Influential Researchers. Industrial & Engineering Chemistry Research, 2020, 59, 19839-19839.	3.7	3
61	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	4.6	1
62	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	5.1	0
63	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	11.3	1
64	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	3.7	0
65	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	3.0	0
66	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	2.8	0
67	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	2.8	1
68	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	5.1	0
69	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	7.8	0
70	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	14.6	2
71	Effects of Potassium Phosphates on Hydrothermal Liquefaction of Triglyceride, Protein, and Polysaccharide. Energy & Fuels, 2020, 34, 15313-15321.	5.1	27
72	I&EC Research 2020 Excellence in Review Awards. Industrial & Engineering Chemistry Research, 2020, 59, 14545-14545.	3.7	0

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73	Effect of Additives on Hydrothermal Liquefaction of Polysaccharides. Industrial & Engineering Chemistry Research, 2020, 59, 18480-18488.	3.7	7
74	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Biochemistry, 2020, 59, 1641-1642.	2.5	0
75	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.9	0
76	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Organic Process Research and Development, 2020, 24, 872-873.	2.7	0
77	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Omega, 2020, 5, 9624-9625.	3.5	0
78	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	4.3	0
79	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	8.0	5
80	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	3.1	0
81	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	4.6	0
82	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	3.8	0
83	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	5.1	0
84	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	5.3	0
85	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	3.2	0
86	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	6.5	0
87	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	2.3	0
88	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	2.7	0
89	Destruction of Perfluoroalkyl Acids Accumulated in <i>Typha latifolia</i> through Hydrothermal Liquefaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 9257-9262.	6.7	31
90	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	6.7	0

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91	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	6.7	0
92	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	3.3	0
93	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	4.0	0
94	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	5.0	0
95	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	4.4	0
96	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	3.4	0
97	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	5.3	0
98	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	4.6	4
99	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	8.0	13
100	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	3.0	1
101	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	47.7	2
102	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	11.2	1
103	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	5.4	0
104	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	6.4	0
105	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	4.8	0
106	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	9.1	5
107	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	2.3	0
108	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	13.7	1

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109	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	15.6	0
110	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	2.5	0
111	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	17.4	0
112	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	5.4	0
113	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	3.7	0
114	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	2.6	1
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	5.2	0
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	2.6	0
117	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	3.6	0
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	5.0	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	3.0	0
120	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	3.8	0
121	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.9	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	3.6	0
123	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	2.1	0
124	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	3.3	0
125	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	5.1	0
126	Fast and Isothermal Hydrothermal Liquefaction of Polysaccharide Feedstocks. ACS Sustainable Chemistry and Engineering, 2020, 8, 3762-3772.	6.7	44

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127	Reaction pathways and kinetics of tryptophan in hot, compressed water. Chemical Engineering Journal, 2020, 390, 124600.	12.7	9
128	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	4.6	0
129	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	3.2	0
130	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	2.8	0
131	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	15.6	0
132	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	5.4	0
133	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	47.7	0
134	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	10.0	0
135	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	3.5	0
136	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	4.6	0
137	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	3.8	0
138	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	3.0	1
139	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	6.4	0
140	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	2.5	0
141	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	9.1	0
142	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	7.8	0
143	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	5.4	0
144	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	3.7	0

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145	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	13.7	3
146	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	4.0	0
147	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	2.3	0
148	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	4.6	0
149	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	5.2	1
150	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	3.5	1
151	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	4.3	0
152	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	5.2	0
153	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	2.7	0
154	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	8.7	0
155	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
156	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	3.8	0
157	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	4.6	0
158	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	3.1	0
159	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	4.8	0
160	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	4.6	1
161	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	3.5	1
162	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	6.6	0

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163	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	10.0	0
164	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	2.1	0
165	I&EC Researchâ€™s Spotlight on China. Industrial & Engineering Chemistry Research, 2020, 59, 12287-12287.	3.7	0
166	I&EC Research 2020 Excellence in Review Awards. Industrial & Engineering Chemistry Research, 2020, 59, 15809-15810.	3.7	0
167	<i>110th Anniversary:</i> Influence of Solvents on Biocrude from Hydrothermal Liquefaction of Soybean Oil, Soy Protein, Cellulose, Xylose, and Lignin, and Their Quinary Mixture. Industrial & Engineering Chemistry Research, 2019, 58, 13971-13976.	3.7	30
168	Virtual Special Issue: Best Papers from the 256th ACS National Meeting in Boston. Industrial & Engineering Chemistry Research, 2019, 58, 13793-13793.	3.7	0
169	Biodiversity Improves Life Cycle Sustainability Metrics in Algal Biofuel Production. Environmental Science & Technology, 2019, 53, 9279-9288.	10.0	17
170	The individual and synergistic impacts of feedstock characteristics and reaction conditions on the aqueous co-product from hydrothermal liquefaction. Algal Research, 2019, 42, 101568.	4.6	10
171	Announcing the 2019 Class of Influential Researchers. Industrial & Engineering Chemistry Research, 2019, 58, 18477-18477.	3.7	2
172	Biocrude Production from Fast and Isothermal Hydrothermal Liquefaction of Chitin. Energy & Fuels, 2019, 33, 11328-11338.	5.1	23
173	<i>I&EC Research</i> 2019 Excellence in Review Awards. Industrial & Engineering Chemistry Research, 2019, 58, 17099-17099.	3.7	0
174	Using Solvents To Reduce the Metal Content in Crude Bio-oil from Hydrothermal Liquefaction of Microalgae. Industrial & Engineering Chemistry Research, 2019, 58, 22488-22496.	3.7	23
175	Reaction pathways and kinetics for tetra-alanine in hot, compressed liquid water. Reaction Chemistry and Engineering, 2019, 4, 1237-1252.	3.7	5
176	Virtual Special Issue: Invited Papers from the 255th ACS National Meeting in New Orleans. Industrial & Engineering Chemistry Research, 2019, 58, 3561-3561.	3.7	0
177	<i>I&EC Research</i> Appoints 15th Associate Editor: Xinbin Ma. Industrial & Engineering Chemistry Research, 2019, 58, 5087-5087.	3.7	0
178	Stability and activity maintenance of sol-gel Ni-MxOy (M=Ti, Zr, Ta) catalysts during continuous gasification of glycerol in supercritical water. Journal of Supercritical Fluids, 2019, 148, 137-147.	3.2	23
179	<i>I&EC Research</i> Appoints Huanting Wang as Associate Editor. Industrial & Engineering Chemistry Research, 2019, 58, 20495-20495.	3.7	0
180	The independent and coupled effects of feedstock characteristics and reaction conditions on biocrude production by hydrothermal liquefaction. Applied Energy, 2019, 235, 714-728.	10.1	38

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181	Supercritical water gasification of phenol over Ni-Ru bimetallic catalysts. Water Research, 2019, 152, 12-20.	11.3	34
182	Hydrothermal reaction of tryptophan over Ni-based bimetallic catalysts. Journal of Supercritical Fluids, 2019, 143, 336-345.	3.2	21
183	Virtual Special Issue: Advanced Materials for Engineering Applications. Industrial & Engineering Chemistry Research, 2018, 57, 3805-3806.	3.7	1
184	I&EC Research Appoints Newest Associate Editor. Industrial & Engineering Chemistry Research, 2018, 57, 1767-1767.	3.7	0
185	Catalyst Oxidation and Dissolution in Supercritical Water. Chemistry of Materials, 2018, 30, 1218-1229.	6.7	23
186	Metals and Other Elements in Biocrude from Fast and Isothermal Hydrothermal Liquefaction of Microalgae. Energy & Fuels, 2018, 32, 4118-4126.	5.1	39
187	Stability and activity maintenance of Al2O3- and carbon nanotube-supported Ni catalysts during continuous gasification of glycerol in supercritical water. Journal of Supercritical Fluids, 2018, 135, 188-197.	3.2	31
188	Supercritical water upgrading of water-insoluble and water-soluble biocrudes from hydrothermal liquefaction of Nannochloropsis microalgae. Journal of Supercritical Fluids, 2018, 133, 683-689.	3.2	35
189	Announcing the 2018 Class of Influential Researchers. Industrial & Engineering Chemistry Research, 2018, 57, 12601-12601.	3.7	6
190	Synergistic and Antagonistic Interactions during Hydrothermal Liquefaction of Soybean Oil, Soy Protein, Cellulose, Xylose, and Lignin. ACS Sustainable Chemistry and Engineering, 2018, 6, 14501-14509.	6.7	111
191	ACS Virtual Issue on Multicomponent Systems: Absorption, Adsorption, and Diffusion. Journal of Chemical & Engineering Data, 2018, 63, 3651-3651.	1.9	9
192	<i>I&EC Research</i> 2018 Excellence in Review Awards. Industrial & Engineering Chemistry Research, 2018, 57, 12017-12017.	3.7	0
193	Hydrothermal Liquefaction of Model Food Waste Biomolecules and Ternary Mixtures under Isothermal and Fast Conditions. ACS Sustainable Chemistry and Engineering, 2018, 6, 9018-9027.	6.7	49
194	Ecological Engineering Helps Maximize Function in Algal Oil Production. Applied and Environmental Microbiology, 2018, 84, .	3.1	6
195	Biodiversity improves the ecological design of sustainable biofuel systems. GCB Bioenergy, 2018, 10, 752-765.	5.6	27
196	How Not To Use a Journal Impact Factor. Industrial & Engineering Chemistry Research, 2018, 57, 9331-9332.	3.7	2
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