

Paul J Chirik

List of Publications by Year in descending order

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Version: 2024-02-01

371
papers

21,018
citations

5876

81
h-index

10708

138
g-index

384
all docs

384
docs citations

384
times ranked

9513
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed C(sp ²)â€“C(sp ³) Suzukiâ€“Miyaura Cross-Coupling Enabled by Well-Defined Precatalysts with L,X-Type Ligands. ACS Catalysis, 2022, 12, 1905-1918.	5.5	16
2	Visible-Light-Driven, Iridium-Catalyzed Hydrogen Atom Transfer: Mechanistic Studies, Identification of Intermediates, and Catalyst Improvements. JACS Au, 2022, 2, 407-418.	3.6	12
3	Three-Component Coupling of Arenes, Ethylene, and Alkynes Catalyzed by a Cationic Bis(phosphine) Cobalt Complex: Intercepting Metallacyclopentenes for Câ€“H Functionalization. Journal of the American Chemical Society, 2022, 144, 4530-4540.	6.6	19
4	(PNP)Cobalt-Catalyzed Olefination of Diazoalkanes. Organometallics, 2022, 41, 3138-3144.	1.1	2
5	Ammonia synthesis by photocatalytic hydrogenation of a N ₂ -derived molybdenum nitride. , 2022, 1, 297-303.		16
6	Cationic Bis(phosphine) Cobalt(I) Arene Complexes as Precatalysts for the Asymmetric Synthesis of Sitagliptin. ACS Catalysis, 2022, 12, 4680-4687.	5.5	14
7	Development of Cobalt Catalysts for the <i>meta</i> -Selective C(sp ²)â€“H Borylation of Fluorinated Arenes. Journal of the American Chemical Society, 2022, 144, 6465-6474.	6.6	21
8	Molybdenum-Catalyzed Asymmetric Hydrogenation of Fused Arenes and Heteroarenes. Journal of the American Chemical Society, 2022, 144, 11203-11214.	6.6	30
9	Pioneers and Influencers in Organometallic Chemistry: A Profile of Dr. Barbara Burger. Organometallics, 2022, 41, 1587-1589.	1.1	0
10	C(sp ²)â€“H Activation with Bis(silylene)pyridine Cobalt(III) Complexes: Catalytic Hydrogen Isotope Exchange of Sterically Hindered Câ€“H Bonds. ACS Catalysis, 2022, 12, 8877-8885.	5.5	8
11	Nickel-Catalyzed Dimerization of Di- and Trisubstituted Olefins. Organometallics, 2022, 41, 2059-2066.	1.1	2
12	Cobalt-Catalyzed C(sp ²)â€“C(sp ³) Suzukiâ€“Miyaura Cross Coupling. Organic Letters, 2021, 23, 625-630.	2.4	23
13	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
14	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
15	Looking Forward to 2021: The Fabulous Forties!. Organometallics, 2021, 40, 95-97.	1.1	0
16	Iron-Catalyzed Vinylsilane Dimerization and Cross-Cycloadditions with 1,3-Dienes: Probing the Origins of Chemo- and Regioselectivity. ACS Catalysis, 2021, 11, 1368-1379.	5.5	13
17	Visible-Light-Enhanced Cobalt-Catalyzed Hydrogenation: Switchable Catalysis Enabled by Divergence between Thermal and Photochemical Pathways. ACS Catalysis, 2021, 11, 1351-1360.	5.5	34
18	Ligand substitution and electronic structure studies of bis(phosphine)cobalt cyclooctadiene precatalysts for alkene hydrogenation. Canadian Journal of Chemistry, 2021, 99, 193-201.	0.6	10

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19	Pioneers and Influencers: A Profile of Dr. Kenrick Lewis. <i>Organometallics</i> , 2021, 40, 459-462.	1.1	0
20	A Tutorial on Selectivity Determination in C(sp ²)-H Oxidative Addition of Arenes by Transition Metal Complexes. <i>Organometallics</i> , 2021, 40, 813-831.	1.1	23
21	Oxidative Addition of Aryl and Alkyl Halides to a Reduced Iron Pincer Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 5928-5936.	6.6	11
22	Synthesis and Asymmetric Alkene Hydrogenation Activity of <i>C</i> ₂ -Symmetric Enantioenriched Pyridine Dicarbene Iron Dialkyl Complexes. <i>Organometallics</i> , 2021, 40, 1053-1061.	1.1	7
23	Synthesis, Electronic Structure, and Reactivity of a Planar Four-coordinate, Cobalt-imido Complex. <i>Angewandte Chemie</i> , 2021, 133, 14497-14501.	1.6	7
24	Synthesis, Electronic Structure, and Reactivity of a Planar Four-coordinate, Cobalt-imido Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14376-14380.	7.2	31
25	Green Chemistry: A Framework for a Sustainable Future. <i>Organometallics</i> , 2021, 40, 1801-1805.	1.1	4
26	Green Chemistry: A Framework for a Sustainable Future. <i>Organic Letters</i> , 2021, 23, 4935-4939.	2.4	6
27	Green Chemistry: A Framework for a Sustainable Future. <i>Environmental Science & Technology</i> , 2021, 55, 8459-8463.	4.6	12
28	Green Chemistry: A Framework for a Sustainable Future. <i>Organic Process Research and Development</i> , 2021, 25, 1455-1459.	1.3	18
29	Green Chemistry: A Framework for a Sustainable Future. <i>Journal of Organic Chemistry</i> , 2021, 86, 8551-8555.	1.7	4
30	Green Chemistry: A Framework for a Sustainable Future. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8336-8340.	3.2	2
31	Green Chemistry: A Framework for a Sustainable Future. <i>Environmental Science and Technology Letters</i> , 2021, 8, 487-491.	3.9	7
32	Green Chemistry: A Framework for a Sustainable Future. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8964-8968.	1.8	3
33	Green Chemistry: A Framework for a Sustainable Future. <i>ACS Omega</i> , 2021, 6, 16254-16258.	1.6	7
34	Visible light enables catalytic formation of weak chemical bonds with molecular hydrogen. <i>Nature Chemistry</i> , 2021, 13, 969-976.	6.6	26
35	Mechanistic Origins of Regioselectivity in Cobalt-Catalyzed C(sp ²)-H Borylation of Benzoate Esters and Arylboronate Esters. <i>CheM</i> , 2021, 7, 237-254.	5.8	15
36	Iron-catalysed synthesis and chemical recycling of telechelic 1,3-enchaind oligocyclobutanes. <i>Nature Chemistry</i> , 2021, 13, 156-162.	6.6	51

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37	Catalyst Design Principles Enabling Intermolecular Alkene-Diene [2+2] Cycloaddition and Depolymerization Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 17793-17805.	6.6	13
38	Well-Defined Cationic Cobalt(I) Precatalyst for Olefin-Alkyne [2 + 2] Cycloaddition and Olefin-Diene Hydrovinylation Reactions: Experimental Evidence for Metallacycle Intermediates. <i>Organometallics</i> , 2021, 40, 3599-3607.	1.1	13
39	Effect of Pincer Methylation on the Selectivity and Activity in (PNP)Cobalt-Catalyzed C(sp ²)â€“H Borylation. <i>Organometallics</i> , 2021, 40, 3766-3774.	1.1	7
40	40 Years of <i>Organometallics</i> . <i>Organometallics</i> , 2021, 40, 4035-4040.	1.1	0
41	Direct Observation of Transmetalation from a Neutral Boronate Ester to a Pyridine(diimine) Iron Alkoxide. <i>Organometallics</i> , 2020, 39, 201-205.	1.1	13
42	Pyridine(diimine) Iron Diene Complexes Relevant to Catalytic [2+2]â€“Cycloaddition Reactions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 404-416.	2.1	15
43	Determination of the Nâ€“H Bond Dissociation Free Energy in a Pyridine(diimine)molybdenum Complex Prepared by Proton-Coupled Electron Transfer. <i>Inorganic Chemistry</i> , 2020, 59, 15394-15401.	1.9	8
44	Confronting Racism in Chemistry Journals. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 559-561.	2.5	0
45	Confronting Racism in Chemistry Journals. <i>Biochemistry</i> , 2020, 59, 2313-2315.	1.2	0
46	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2707-2708.	2.6	0
47	C(sp ²)â€“H Activation with Pyridine Dicarbene Iron Dialkyl Complexes: Hydrogen Isotope Exchange of Arenes Using Benzene- <i>d</i> ₆ as a Deuterium Source. <i>ACS Catalysis</i> , 2020, 10, 8640-8647.	5.5	28
48	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Central Science</i> , 2020, 6, 589-590.	5.3	0
49	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Chemical Biology</i> , 2020, 15, 1282-1283.	1.6	0
50	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1196-1197.	1.7	0
51	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 672-673.	1.2	0
52	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Energy Letters</i> , 2020, 5, 1610-1611.	8.8	1
53	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Macro Letters</i> , 2020, 9, 666-667.	2.3	0
54	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. , 2020, 2, 563-564.		0

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55	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
56	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
57	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
58	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
59	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
60	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
61	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
62	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
63	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
64	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
65	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
66	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
67	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
68	Synthesis of Cationic, Dimeric $\hat{\pm}$ -Diimine Nickel Hydride Complexes and Relevance to the Polymerization of Olefins. Organometallics, 2020, 39, 2630-2635.	1.1	12
69	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
70	Actions at <i>J. Org. Chem.</i>, <i>Org. Lett.</i> and <i>Organometallics</i> to Combat Discrimination and Bias. Organometallics, 2020, 39, 2929-2930.	1.1	0
71	Actions at <i>J. Org. Chem.</i>, <i>Org. Lett.</i>, and <i>Organometallics</i> to Combat Discrimination and Bias. Organic Letters, 2020, 22, 6221-6222.	2.4	0
72	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1

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73	Coordination-Induced Nâ€“H Bond Weakening in a Molybdenum Pyrrolidine Complex: Isotopic Labeling Provides Insight into the Pathway for H ₂ Evolution. <i>Organometallics</i> , 2020, 39, 3050-3059.	1.1	8
74	Confronting Racism in Chemistry Journals. <i>ACS Applied Energy Materials</i> , 2020, 3, 6016-6018.	2.5	0
75	Confronting Racism in Chemistry Journals. <i>ACS Central Science</i> , 2020, 6, 1012-1014.	5.3	1
76	Confronting Racism in Chemistry Journals. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11915-11917.	1.8	0
77	Actions at <i>J. Org. Chem.</i> , <i>Org. Lett.</i> , and <i>Organometallics</i> to Combat Discrimination and Bias. <i>Journal of Organic Chemistry</i> , 2020, 85, 10285-10286.	1.7	2
78	Using natureâ€™s blueprint to expand catalysis with Earth-abundant metals. <i>Science</i> , 2020, 369, .	6.0	306
79	Confronting Racism in Chemistry Journals. <i>Journal of Natural Products</i> , 2020, 83, 2057-2059.	1.5	0
80	Confronting Racism in Chemistry Journals. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1354-1356.	1.3	0
81	Confronting Racism in Chemistry Journals. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1321-1323.	1.2	1
82	Confronting Racism in Chemistry Journals. <i>Energy & Fuels</i> , 2020, 34, 7771-7773.	2.5	0
83	Confronting Racism in Chemistry Journals. <i>ACS Sensors</i> , 2020, 5, 1858-1860.	4.0	0
84	Confronting Racism in Chemistry Journals. <i>ACS Nano</i> , 2020, 14, 7675-7677.	7.3	2
85	Dietmar Seyferth (1929â€“2020): A Foundational and Enduring Legacy at <i>Organometallics</i> . <i>Organometallics</i> , 2020, 39, 3061-3063.	1.1	0
86	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Biochemistry</i> , 2020, 59, 1641-1642.	1.2	0
87	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2253-2254.	1.0	0
88	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Organic Process Research and Development</i> , 2020, 24, 872-873.	1.3	0
89	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Omega</i> , 2020, 5, 9624-9625.	1.6	0
90	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1184-1185.	2.0	0

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91	Update to Our Reader, Reviewer, and Author Communities"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
92	Update to Our Reader, Reviewer, and Author Communities"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
93	Update to Our Reader, Reviewer, and Author Communities"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
94	Update to Our Reader, Reviewer, and Author Communities"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
95	Beyond Ammonia: Nitrogen"Element Bond Forming Reactions with Coordinated Dinitrogen. Chemical Reviews, 2020, 120, 5637-5681.	23.0	154
96	Update to Our Reader, Reviewer, and Author Communities"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
97	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
98	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
99	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
100	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
101	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
102	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
103	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
104	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
105	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
106	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
107	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
108	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0

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109	Update to Our Reader, Reviewer, and Author Communities" April 2020. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2881-2882.	2.3	0
110	Confronting Racism in Chemistry Journals. <i>Organic Letters</i> , 2020, 22, 4919-4921.	2.4	4
111	Confronting Racism in Chemistry Journals. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28925-28927.	4.0	13
112	Confronting Racism in Chemistry Journals. <i>Crystal Growth and Design</i> , 2020, 20, 4201-4203.	1.4	1
113	Confronting Racism in Chemistry Journals. <i>Chemical Reviews</i> , 2020, 120, 5795-5797.	23.0	2
114	Confronting Racism in Chemistry Journals. <i>ACS Catalysis</i> , 2020, 10, 7307-7309.	5.5	1
115	Confronting Racism in Chemistry Journals. <i>Biomacromolecules</i> , 2020, 21, 2543-2545.	2.6	0
116	Confronting Racism in Chemistry Journals. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6575-6577.	2.9	0
117	Confronting Racism in Chemistry Journals. <i>Macromolecules</i> , 2020, 53, 5015-5017.	2.2	0
118	Confronting Racism in Chemistry Journals. <i>Nano Letters</i> , 2020, 20, 4715-4717.	4.5	5
119	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020, 39, 2331-2333.	1.1	0
120	Confronting Racism in Chemistry Journals. <i>Journal of the American Chemical Society</i> , 2020, 142, 11319-11321.	6.6	1
121	Synthesis and Reactivity of Organometallic Intermediates Relevant to Cobalt-Catalyzed Hydroformylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8912-8916.	7.2	15
122	Pioneers and Influencers in Organometallic Chemistry: A Profile of Professor Jay Kochi. <i>Organometallics</i> , 2020, 39, 775-777.	1.1	0
123	Confronting Racism in Chemistry Journals. <i>Accounts of Chemical Research</i> , 2020, 53, 1257-1259.	7.6	0
124	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5271-5273.	1.1	0
125	Confronting Racism in Chemistry Journals. <i>ACS Energy Letters</i> , 2020, 5, 2291-2293.	8.8	0
126	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 3325-3327.	2.5	0

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127	Confronting Racism in Chemistry Journals. <i>Journal of Proteome Research</i> , 2020, 19, 2911-2913.	1.8	0
128	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5335-5337.	1.2	1
129	C(sp ²)â€“H Borylation of Heterocycles by Well-Defined Bis(silylene)pyridine Cobalt(III) Precatalysts: Pincer Modification, C(sp ²)â€“H Activation, and Catalytically Relevant Intermediates. <i>Organometallics</i> , 2020, 39, 2763-2773.	1.1	20
130	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5019-5020.	2.4	0
131	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3603-3604.	1.2	0
132	Confronting Racism in Chemistry Journals. <i>Bioconjugate Chemistry</i> , 2020, 31, 1693-1695.	1.8	0
133	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>ACS Applied Nano Materials</i> , 2020, 3, 3960-3961.	2.4	0
134	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Journal of Natural Products</i> , 2020, 83, 1357-1358.	1.5	0
135	Confronting Racism in Chemistry Journals. <i>ACS Synthetic Biology</i> , 2020, 9, 1487-1489.	1.9	0
136	Confronting Racism in Chemistry Journals. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 3403-3405.	1.0	0
137	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Bioconjugate Chemistry</i> , 2020, 31, 1211-1212.	1.8	0
138	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Journal of Chemical Health and Safety</i> , 2020, 27, 133-134.	1.1	0
139	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Chemical Research in Toxicology</i> , 2020, 33, 1509-1510.	1.7	0
140	Update to Our Reader, Reviewer, and Author Communitiesâ€“April 2020. <i>Energy & Fuels</i> , 2020, 34, 5107-5108.	2.5	0
141	Cobalt-Catalyzed Asymmetric Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carboxylic Acids by Homolytic H ₂ Cleavage. <i>Journal of the American Chemical Society</i> , 2020, 142, 5272-5281.	6.6	87
142	Investigations into the Mechanism of Inter- and Intramolecular Iron-Catalyzed [2 + 2] Cycloaddition of Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 5314-5330.	6.6	36
143	2020 Vision: A Year for Pioneers and Influencers of Organometallic Chemistry. <i>Organometallics</i> , 2020, 39, 1-2.	1.1	2
144	Ketone Synthesis from Benzylboronates and Esters: Leveraging $\hat{1}\pm$ -Boryl Carbanions for Carbonâ€“Carbon Bond Formation. <i>Journal of the American Chemical Society</i> , 2020, 142, 2429-2437.	6.6	44

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145	From Russia, With Chemistry. <i>Organic Letters</i> , 2020, 22, 765-767.	2.4	0
146	A Boron Activating Effect Enables Cobalt-Catalyzed Asymmetric Hydrogenation of Sterically Hindered Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 3923-3930.	6.6	55
147	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Bio Materials</i> , 2020, 3, 2873-2874.	2.3	0
148	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Organic Chemistry</i> , 2020, 85, 5751-5752.	1.7	0
149	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1006-1007.	1.2	0
150	Synthesis and Reactivity of Organometallic Intermediates Relevant to Cobaltâ€™Catalyzed Hydroformylation. <i>Angewandte Chemie</i> , 2020, 132, 8997-9001.	1.6	0
151	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Accounts of Chemical Research</i> , 2020, 53, 1001-1002.	7.6	0
152	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Biomacromolecules</i> , 2020, 21, 1966-1967.	2.6	0
153	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Chemical Reviews</i> , 2020, 120, 3939-3940.	23.0	0
154	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Environmental Science & Technology</i> , 2020, 54, 5307-5308.	4.6	0
155	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Langmuir</i> , 2020, 36, 4565-4566.	1.6	0
156	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Molecular Pharmaceutics</i> , 2020, 17, 1445-1446.	2.3	0
157	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Infectious Diseases</i> , 2020, 6, 891-892.	1.8	0
158	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Crystal Growth and Design</i> , 2020, 20, 2817-2818.	1.4	1
159	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4409-4410.	2.9	0
160	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3501-3502.	1.1	0
161	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Nano Letters</i> , 2020, 20, 2935-2936.	4.5	0
162	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Sensors</i> , 2020, 5, 1251-1252.	4.0	0

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163	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
164	Catalytic Hydrogenation of a Manganese(V) Nitride to Ammonia. Journal of the American Chemical Society, 2020, 142, 9518-9524.	6.6	22
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