Anne B Mccoy

List of Publications by Year
in descending order

290 papers	4,552 citations	100601 38 h-index	139680 61 g-index
293 all docs	293 docs citations	293 times ranked	2893 citing authors

#	Article	IF	Citations
1	Infrared spectroscopic signature of a hydroperoxyalkyl radical (â€¢QOOH). Journal of Chemical Physics, 2022, 156, 014301.	1.2	8
2	A flexible approach to vibrational perturbation theory using sparse matrix methods. Journal of Chemical Physics, 2022, 156, 054107.	1.2	14
3	Exploring the Origins of Spectral Signatures of Strong Hydrogen Bonding in Protonated Water Clusters. Journal of Physical Chemistry A, 2022, 126, 1360-1368.	1.1	5
4	Preparation and Characterization of the Halogen-Bonding Motif in the Isolated Cl^{â€“}Â·IOH Complex with Cryogenic Ion Vibrational Spectroscopy. Journal of Physical Chemistry Letters, 2022, 13, 2750-2756.	2.1	9
5	Vibrational Signatures of HNO₃ Acidity When Complexed with Microhydrated Alkali Metal Ions, M⁺Â·(HNO₃)(H₂O)_{n=5} (M = Li, K, Na, Rb, Cs), at 20 K. Journal of Physical Chemistry A, 2022, 126, 1640-1647.	1.1	4
6	Electronic and mechanical anharmonicities in the vibrational spectra of the H-bonded, cryogenically cooled Xâ¯â€‰Â·â€‰HOCl (X=Cl, Br, I) complexes: Characterization of the strong anionic H-bond to an acidic OH group. Journal of Chemical Physics, 2022, 156, 174303.	1.2	11
7	Diffusion Monte Carlo approaches for studying nuclear quantum effects in fluxional molecules. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2022, 12, .	6.2	6
8	Fast Near Ab Initio Potential Energy Surfaces Using Machine Learning. Journal of Physical Chemistry A, 2022, 126, 4013-4024.	1.1	10
9	Diffusion Monte Carlo Approaches for Studying Large Amplitude Vibrational Motions in Molecules and Clusters. , 2022, , 145-173.		1
10	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
11	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
12	Viewpoint on ACS PHYS Division Sponsored Virtual Seminars. Journal of Physical Chemistry C, 2021, 125, 4342-4342.	1.5	0
13	Coupling of torsion and OH-stretching in tert-butyl hydroperoxide. I. The cold and warm first OH-stretching overtone spectrum. Journal of Chemical Physics, 2021, 154, 164306.	1.2	9
14	Coupling of torsion and OH-stretching in tert-butyl hydroperoxide. II. The OH-stretching fundamental and overtone spectra. Journal of Chemical Physics, 2021, 154, 164307.	1.2	11
15	Computational molecular spectroscopy. Nature Reviews Methods Primers, 2021, 1, .	11.8	73
16	GPU-Accelerated Neural Network Potential Energy Surfaces for Diffusion Monte Carlo. Journal of Physical Chemistry A, 2021, 125, 5849-5859.	1.1	8
17	Using Diffusion Monte Carlo Wave Functions to Analyze the Vibrational Spectra of H₇O₃⁺ and H₉O₄⁺. Journal of Physical Chemistry A, 2021, 125, 7185-7197.	1.1	5
18	Viewpoint on ACS PHYS Division Sponsored Virtual Seminars. Journal of Physical Chemistry A, 2021, 125, 1680-1680.	1.1	0

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19	Viewpoint on ACS PHYS Division Sponsored Virtual Seminars. Journal of Physical Chemistry B, 2021, 125, 1973-1973.	1.2	0
20	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
21	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
22	Diffusion Monte Carlo Studies on the Detection of Structural Changes in the Water Hexamer upon Isotopic Substitution. Journal of Physical Chemistry A, 2020, 124, 6903-6912.	1.1	8
23	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
24	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
25	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
26	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
27	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
28	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
29	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
30	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
31	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
32	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
33	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
34	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
35	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
36	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0

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37	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
38	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
39	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
40	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
41	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
42	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
43	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
44	Guided Diffusion Monte Carlo: A Method for Studying Molecules and Ions That Display Large Amplitude Vibrational Motions. Journal of Physical Chemistry A, 2020, 124, 9567-9577.	1.1	7
45	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
46	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
47	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
48	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
49	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
50	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
51	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
52	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
53	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
54	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0

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55	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
56	Isolating the Contributions of Specific Network Sites to the Diffuse Vibrational Spectrum of Interfacial Water with Isotopomer-Selective Spectroscopy of Cold Clusters. Journal of Physical Chemistry A, 2020, 124, 10393-10406.	1.1	16
57	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
58	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
59	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
60	The Role of Tunneling in the Spectra of H₅⁺ and D₅⁺ up to 7300 cm^{â€“1}. Journal of Physical Chemistry A, 2020, 124, 4427-4439.	1.1	5
61	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
62	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
63	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
64	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
65	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
66	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
67	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
68	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
69	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
70	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
71	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
72	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0

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73	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
74	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
75	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
76	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
77	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
78	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
79	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
80	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
81	Virtual Issue on New Tools and Methods in Physical Chemistry Research. Journal of Physical Chemistry A, 2020, 124, 4323-4324.	1.1	2
82	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
83	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
84	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
85	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
86	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
87	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
88	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
89	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
90	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5

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91	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
92	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
93	Spectroscopic Signatures of Mode-Dependent Tunnel Splitting in the Iodideâ€“Water Binary Complex. Journal of Physical Chemistry A, 2020, 124, 2991-3001.	1.1	11
94	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
95	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
96	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
97	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
98	Characteristics of Impactful Computational Contributions to The Journal of Physical Chemistry A. Journal of Physical Chemistry A, 2020, 124, 5059-5060.	1.1	3
99	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
100	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
101	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
102	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
103	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
104	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
106	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
107	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
108	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
113	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
114	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
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
117	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
120	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
121	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
123	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
124	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
125	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
126	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0

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127	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
128	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
129	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
130	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
131	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
132	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
133	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
134	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
135	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
136	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
137	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
138	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
139	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
140	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
141	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
142	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
143	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
144	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1

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145	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
146	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
147	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
148	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
149	An Efficient Approach for Studies of Water Clusters Using Diffusion Monte Carlo. Journal of Physical Chemistry A, 2019, 123, 8063-8070.	1.1	13
150	The JPC Periodic Table. Journal of Physical Chemistry A, 2019, 123, 5837-5848.	1.1	2
151	The JPC Periodic Table. Journal of Physical Chemistry B, 2019, 123, 5973-5984.	1.2	1
152	Going large(r): general discussion. Faraday Discussions, 2019, 217, 476-513.	1.6	1
153	Controlling internal degrees: general discussion. Faraday Discussions, 2019, 217, 138-171.	1.6	1
154	Pushing resolution in frequency and time: general discussion. Faraday Discussions, 2019, 217, 290-321.	1.6	1
155	Exotic systems: general discussion. Faraday Discussions, 2019, 217, 601-622.	1.6	0
156	The JPC Periodic Table. Journal of Physical Chemistry C, 2019, 123, 17063-17074.	1.5	1
157	The JPC Periodic Table. Journal of Physical Chemistry Letters, 2019, 10, 4051-4062.	2.1	2
158	Young Scientists Virtual Special Issue. Journal of Physical Chemistry C, 2019, 123, 20689-20690.	1.5	0
159	Young Scientists Virtual Special Issue. Journal of Physical Chemistry A, 2019, 123, 7335-7336.	1.1	1
160	Young Scientists Virtual Special Issue. Journal of Physical Chemistry B, 2019, 123, 7241-7242.	1.2	0
161	Disentangling the Complex Vibrational Mechanics of the Protonated Water Trimer by Rational Control of Its Hydrogen Bonds. Journal of Physical Chemistry A, 2019, 123, 7965-7972.	1.1	16
162	Editorial for January 2019 for JPC A/B/C. Journal of Physical Chemistry B, 2019, 123, 1-9.	1.2	2

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163	Statistical Analysis of the Effect of Deuteration on Quantum Delocalization in CH₅⁺. Journal of Physical Chemistry A, 2019, 123, 4623-4631.	1.1	4
164	Evaluation of Matrix Elements Using Diffusion Monte Carlo Wave Functions. Journal of Physical Chemistry A, 2019, 123, 4370-4378.	1.1	4
165	CH Stretch Activation of CH₃CHOO: Deep Tunneling to Hydroxyl Radical Products. Journal of Physical Chemistry A, 2019, 123, 2559-2569.	1.1	20
166	Viewpoint: New Physical Insights from Kinetics Studies. Journal of Physical Chemistry A, 2019, 123, 3057-3057.	1.1	4
167	Beyond Badgerâ€™s Rule: The Origins and Generality of the Structureâ€“Spectra Relationship of Aqueous Hydrogen Bonds. Journal of Physical Chemistry Letters, 2019, 10, 918-924.	2.1	52
168	Editorial for January 2019 for JPC A/B/C. Journal of Physical Chemistry C, 2019, 123, 1-9.	1.5	3
169	Editorial for January 2019 for JPC A/B/C. Journal of Physical Chemistry A, 2019, 123, 1-9.	1.1	2
170	Deconstructing waterâ€™s diffuse OH stretching vibrational spectrum with cold clusters. Science, 2019, 364, 275-278.	6.0	53
171	Virtual Issue Highlighting Articles That Describe New Methodologies Soon To Be Considered for Publication in JPC. Journal of Physical Chemistry A, 2018, 122, 1925-1925.	1.1	1
172	Editorial for January 2018 for JPC A/B/C. Journal of Physical Chemistry A, 2018, 122, 1-7.	1.1	1
173	Editorial for January 2018 for JPC A/B/C. Journal of Physical Chemistry C, 2018, 122, 1-7.	1.5	2
174	Editorial for January 2018 for JPC A/B/C. Journal of Physical Chemistry B, 2018, 122, 1-7.	1.2	2
175	New Sections for JPC A/B/C. Journal of Physical Chemistry A, 2018, 122, 2611-2611.	1.1	0
176	New Sections for JPC A/B/C. Journal of Physical Chemistry C, 2018, 122, 5215-5215.	1.5	0
177	New Sections for JPC A/B/C. Journal of Physical Chemistry B, 2018, 122, 2703-2703.	1.2	0
178	Precise characterisation of isolated molecules: general discussion. Faraday Discussions, 2018, 212, 137-155.	1.6	1
179	Quantum dynamics of isolated molecules: general discussion. Faraday Discussions, 2018, 212, 281-306.	1.6	0
180	Molecules in confinement in liquid solvents: general discussion. Faraday Discussions, 2018, 212, 383-397.	1.6	1

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181	Tag-Free and Isotopomer-Selective Vibrational Spectroscopy of the Cryogenically Cooled H₉O₄⁺ Cation with Two-Color, IRâ€“IR Double-Resonance Photoexcitation: Isolating the Spectral Signature of a Single OH Group in the Hydronium Ion Core. Journal of Physical Chemistry A, 2018, 122, 9275-9284.	1.1	27
182	Near-Infrared Spectroscopy and Anharmonic Theory of Protonated Water Clusters: Higher Elevations in the Hydrogen Bonding Landscape. Journal of Physical Chemistry Letters, 2018, 9, 5664-5671.	2.1	20
183	Spectral signatures of proton delocalization in H⁺(H₂O)_{n=1â^'4} ions. Faraday Discussions, 2018, 212, 443-466.	1.6	18
184	Hidden role of intermolecular proton transfer in the anomalously diffuse vibrational spectrum of a trapped hydronium ion. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4706-E4713.	3.3	47
185	Tunneling effects in the unimolecular decay of (CH3)2COO Criegee intermediates to OH radical products. Journal of Chemical Physics, 2017, 146, 134307.	1.2	34
186	Virtual Issue in Honor of the 150th Birthday of Marie Curie: Highlighting Female Physical Chemists. Journal of Physical Chemistry C, 2017, 121, 23849-23851.	1.5	0
187	Isolation of site-specific anharmonicities of individual water molecules in the Iâ^'Â·(H2O)2 complex using tag-free, isotopomer selective IR-IR double resonance. Chemical Physics Letters, 2017, 690, 159-171.	1.2	38
188	Experimental and Theoretical Studies of the F^{â€¢} + Hâ€“F Transition-State Region by Photodetachment of [Fâ€“Hâ€“F]^{â^'}. Journal of Physical Chemistry A, 2017, 121, 7895-7902.	1.1	5
189	Disentangling the Complex Vibrational Spectrum of the Protonated Water Trimer, H⁺(H₂O)₃, with Two-Color IR-IR Photodissociation of the Bare Ion and Anharmonic VSCF/VCI Theory. Journal of Physical Chemistry Letters, 2017, 8, 3782-3789.	2.1	44
190	Role of Torsion-Vibration Coupling in the Overtone Spectrum and Vibrationally Mediated Photochemistry of CH3OOH and HOOH. Journal of Physical Chemistry A, 2017, 121, 9262-9274.	1.1	11
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