Gregory D Scholes

List of Publications by Year
in descending order

406	24,215	10070 75	9118 149
papers	citations	h-index	g-index

415	415	415	21293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering a Nonâ€Natural Photoenzyme for Improved Photon Efficiency**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	34
2	Ir(III)-Naphthoquinone complex as a platform for photocatalytic activity. Journal of Photochemistry and Photobiology, 2022, 9, 100098.	1.1	2
3	Coherent Two-Dimensional and Broadband Electronic Spectroscopies. Chemical Reviews, 2022, 122, 4257-4321.	23.0	47
4	Square-Net Topological Semimetals: How Spectroscopy Furthers Understanding and Control. Journal of Physical Chemistry Letters, 2022, 13, 838-850.	2.1	5
5	JPCL: Moving Forward in 2022. Journal of Physical Chemistry Letters, 2022, 13, 649-649.	2.1	0
6	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
7	Vibrational Modes Promoting Exciton Relaxation in the B850 Band of LH2. Journal of Physical Chemistry Letters, 2022, 13, 1099-1106.	2.1	8
8	Controllable Phycobilin Modification: An Alternative Photoacclimation Response in Cryptophyte Algae. ACS Central Science, 2022, 8, 340-350.	5.3	14
9	The effect of intermolecular electronic coupling on the exciton dynamics in perylene red nanoparticles. Physical Chemistry Chemical Physics, 2022, 24, 8695-8704.	1.3	2
10	Î¼Map-Red: Proximity Labeling by Red Light Photocatalysis. Journal of the American Chemical Society, 2022, 144, 6154-6162.	6.6	42
11	A Nanometric Probe of the Local Proton Concentration in Microtubule-Based Biophysical Systems. Nano Letters, 2022, 22, 517-523.	4.5	7
12	Ion-pair reorganization regulates reactivity in photoredox catalysts. Nature Chemistry, 2022, 14, 746-753.	6.6	28
13	Bioinspired Supercharging of Photoredox Catalysis for Applications in Energy and Chemical Manufacturing. Accounts of Chemical Research, 2022, 55, 1423-1434.	7.6	18
14	Excited-State Dynamics of 5,14- vs 6,13-Bis(trialkylsilylethynyl)-Substituted Pentacenes: Implications for Singlet Fission. Journal of Physical Chemistry C, 2022, 126, 9784-9793.	1.5	9
15	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
16	Interplay of vibrational wavepackets during an ultrafast electron transfer reaction. Nature Chemistry, 2021, 13, 70-76.	6.6	51
17	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
18	Solar fuels and feedstocks: the quest for renewable black gold. Energy and Environmental Science, 2021, 14, 1402-1419.	15.6	25

#	Article	IF	Citations
19	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
20	Shallow distance-dependent triplet energy migration mediated by endothermic charge-transfer. Nature Communications, 2021, 12, 1532.	5.8	33
21	Signature of an ultrafast photoinduced Lifshitz transition in the nodal-line semimetal ZrSiTe. Physical Review B, 2021, 103, .	1.1	7
22	Site-selective tyrosine bioconjugation via photoredox catalysis for native-to-bioorthogonal protein transformation. Nature Chemistry, 2021, 13, 902-908.	6.6	74
23	Emergence of Collective Coherent States from Strong-Light Coupling of Disordered Systems. Journal of Physical Chemistry A, 2021, 125, 6739-6750.	1.1	5
24	Characterization of the ultrafast spectral diffusion and vibronic coherence of TIPS-pentacene using 2D electronic spectroscopy. Journal of Chemical Physics, 2021, 155, 014302.	1.2	10
25	Visible light enables catalytic formation of weak chemical bonds with molecular hydrogen. Nature Chemistry, 2021, 13, 969-976.	6.6	26
26	Low-Frequency Vibronic Mixing Modulates the Excitation Energy Flow in Bacterial Light-Harvesting Complex II. Journal of Physical Chemistry Letters, 2021, 12, 6292-6298.	2.1	8
27	PCET-Based Ligand Limits Charge Recombination with an Ir(III) Photoredox Catalyst. Journal of the American Chemical Society, 2021, 143, 13034-13043.	6.6	20
28	Can Nanocavities Significantly Enhance Resonance Energy Transfer in a Single Donorâ€“Acceptor Pair?. Journal of Physical Chemistry C, 2021, 125, 18119-18128.	1.5	21
29	Vibrational Dephasing along the Reaction Coordinate of an Electron Transfer Reaction. Journal of the American Chemical Society, 2021, 143, 14511-14522.	6.6	18
30	Polariton Decay in Donorâ€“Acceptor Cavity Systems. Journal of Physical Chemistry Letters, 2021, 12, 9774-9782.	2.1	22
31	JPCL: One Year In. Journal of Physical Chemistry Letters, 2021, 12, 478-479.	2.1	0
32	Quaternary Charge-Transfer Complex Enables Photoenzymatic Intermolecular Hydroalkylation of Olefins. Journal of the American Chemical Society, 2021, 143, 97-102.	6.6	84
33	Photoenzymatic Reductions Enabled by Direct Excitation of Flavin-Dependent â€œEneâ€•Reductases. Journal of the American Chemical Society, 2021, 143, 1735-1739.	6.6	46
34	Solution-processed inorganic perovskite crystals as achromatic quarter-wave plates. Nature Photonics, 2021, 15, 813-816.	15.6	64
35	Morphological Requirements for Nanoscale Electric Field Buildup in a Bulk Heterojunction Solar Cell. Journal of Physical Chemistry Letters, 2021, 12, 537-545.	2.1	4
36	Transparent Peer Review: A Look Inside the Peer Review Process. Journal of Physical Chemistry Letters, 2021, 12, 10861-10862.	2.1	0

#	Article	IF	Citations
37	Transparent Peer Review: A Look Inside the Peer Review Process. ACS Central Science, 2021, 7, 1771-1772.	5.3	1
38	Femtosecond Photophysics of Molecular Polaritons. Journal of Physical Chemistry Letters, 2021, 12, 11444-11459.	2.1	15
39	Toward witnessing molecular exciton entanglement from spectroscopy. Physical Review A, 2021, 104, .	1.0	3
40	Impairment of T cells' antiviral and anti-inflammation immunities may be critical to death from COVID-19. Royal Society Open Science, 2021, 8, 211606.	1.1	6
41	Two-Dimensional Electronic Spectroscopy Using Rotating Optical Flats. Journal of Physical Chemistry A, 2020, 124, 1053-1061.	1.1	4
42	Reduced Recombination and Capacitor-like Charge Buildup in an Organic Heterojunction. Journal of the American Chemical Society, 2020, 142, 2562-2571.	6.6	27
43	Reduction-induced CO dissociation by a [Mn(bpy)(CO)₄][SbF₆] complex and its relevance in electrocatalytic CO₂reduction. Dalton Transactions, 2020, 49, 891-900.	1.6	14
44	Organizing Crystalline Functionalized Pentacene Using Periodicity of Poly(Vinyl Alcohol). Journal of Physical Chemistry Letters, 2020, 11, 516-523.	2.1	6
45	Asymmetric redox-neutral radical cyclization catalysed by flavin-dependent â€˜eneâ€™-reductases. Nature Chemistry, 2020, 12, 71-75.	6.6	123
46	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
47	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
48	Entropy Reorders Polariton States. Journal of Physical Chemistry Letters, 2020, 11, 6389-6395.	2.1	42
49	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
50	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
51	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
52	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
53	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
54	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1

#	Article	IF	Citations
55	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
56	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
57	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
58	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
59	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
60	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
61	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
62	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
63	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
64	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
65	Transient Drude Response Dominates Near-Infrared Pumpâ€"Probe Reflectivity in Nodal-Line Semimetals ZrSiS and ZrSiSe. Journal of Physical Chemistry Letters, 2020, 11, 6105-6111.	2.1	13
66	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
67	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
68	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
69	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
70	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
71	Overlap-Driven Splitting of Triplet Pairs in Singlet Fission. Journal of the American Chemical Society, 2020, 142, 20040-20047.	6.6	26
72	Active-Site Environmental Factors Customize the Photophysics of Photoenzymatic Old Yellow Enzymes. Journal of Physical Chemistry B, 2020, 124, 11236-11249.	1.2	9

#	Article	IF	Citations
73	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
74	Virtual Issue on Polaritons in Physical Chemistry. Journal of Physical Chemistry C, 2020, 124, 19875-19879.	1.5	0
75	Observation of Charge Generation via Photoinduced Stark Effect in Mixed-Cation Lead Bromide Perovskite Thin Films. Journal of Physical Chemistry Letters, 2020, 11, 10081-10087.	2.1	11
76	Bioinspiration in light harvesting and catalysis. Nature Reviews Materials, 2020, 5, 828-846.	23.3	136
77	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
78	Mechanistic Analysis of Metallaphotoredox Câ€“N Coupling: Photocatalysis Initiates and Perpetuates Ni(I)/Ni(III) Coupling Activity. Journal of the American Chemical Society, 2020, 142, 15830-15841.	6.6	162
79	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
80	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
81	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
82	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
83	Polaritons and excitons: Hamiltonian design for enhanced coherence. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200278.	1.0	39
84	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
85	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
86	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
87	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
88	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
89	Theory of molecular emission power spectra. I. Macroscopic quantum electrodynamics formalism. Journal of Chemical Physics, 2020, 153, 184102.	1.2	17
90	Vibronic and excitonic dynamics in perylenediimide dimers and tetramer. Journal of Chemical Physics, 2020, 153, 224101.	1.2	4

#	Article	IF	Citations
91	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
92	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
93	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
94	Ring currents modulate optoelectronic properties of aromatic chromophores at 25 T. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11289-11298.	3.3	18
95	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
96	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
97	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
98	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
99	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
100	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
101	Configuration mixing upon reorganization of dihedral angle induces rapid intersystem crossing in organic photoredox catalyst. Physical Chemistry Chemical Physics, 2020, 22, 13292-13298.	1.3	5
102	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
103	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
104	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
105	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
106	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
107	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
108	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0

#	Article	IF	Citations
109	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
110	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
111	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
112	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
113	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
114	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
116	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
117	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
118	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
119	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
120	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
121	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
122	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
123	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
124	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
125	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
126	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1

#	Article	IF	Citations
127	Delayed fluorescence from a zirconium(iv) photosensitizer with ligand-to-metal charge-transfer excited states. Nature Chemistry, 2020, 12, 345-352.	6.6	144
128	Uncovering dark multichromophoric states in Peridininâ€“Chlorophyllâ€“Protein. Journal of the Royal Society Interface, 2020, 17, 20190736.	1.5	4
129	³d-d Excited States of Ni(II) Complexes Relevant to Photoredox Catalysis: Spectroscopic Identification and Mechanistic Implications. Journal of the American Chemical Society, 2020, 142, 5800-5810.	6.6	168
130	Polariton Transitions in Femtosecond Transient Absorption Studies of Ultrastrong Lightâ€“Molecule Coupling. Journal of Physical Chemistry Letters, 2020, 11, 2667-2674.	2.1	60
131	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
132	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
133	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
134	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
135	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
136	Exploiting chemistry and molecular systems for quantum information science. Nature Reviews Chemistry, 2020, 4, 490-504.	13.8	247
137	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
138	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
139	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
140	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
141	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
142	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
143	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
144	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0

#	Article	IF	Citations
145	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
146	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
147	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
148	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
149	Coherent-to-Incoherent Transition of Molecular Fluorescence Controlled by Surface Plasmon Polaritons. Journal of Physical Chemistry Letters, 2020, 11, 5948-5955.	2.1	24
150	JPCL: A New Era. Journal of Physical Chemistry Letters, 2020, 11, 349-351.	2.1	1
151	Transient Absorption Spectroscopy Offers Mechanistic Insights for an Iridium/Nickel-Catalyzed Câ€"O Coupling. Journal of the American Chemical Society, 2020, 142, 4555-4559.	6.6	110
152	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
153	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
154	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
155	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
156	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
157	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
158	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
159	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
160	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
161	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
162	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1

#	Article	IF	Citations
163	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
164	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
165	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
166	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
167	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
168	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
169	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
170	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
171	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
172	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
173	Ultrafast Dynamics of Nonrigid Zinc-Porphyrin Arrays Mimicking the Photosynthetic â€œSpecial Pairâ€• Journal of Physical Chemistry Letters, 2020, 11, 3443-3450.	2.1	11
174	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
175	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
176	Generalization of the hierarchical equations of motion theory for efficient calculations with arbitrary correlation functions. Journal of Chemical Physics, 2020, 152, 204101.	1.2	36
177	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
178	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
179	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
180	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0

#	Article	IF	Citations
181	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
182	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
183	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
184	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
185	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
186	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
187	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
188	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
189	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
190	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
191	Ultrafast Dynamics of Singlet Excitons in Perylene Derivative Nanoparticles. , 2020, , .		0
192	Virtual Issue on Polaritons in Physical Chemistry. Journal of Physical Chemistry Letters, 2020, 11, 7920-7924.	2.1	1
193	The JPC Periodic Table. Journal of Physical Chemistry A, 2019, 123, 5837-5848.	1.1	2
194	The JPC Periodic Table. Journal of Physical Chemistry B, 2019, 123, 5973-5984.	1.2	1
195	Consistent Model of Ultrafast Energy Transfer in Peridinin Chlorophyll-a Protein Using Two-Dimensional Electronic Spectroscopy and FÃ¶rster Theory. Journal of Physical Chemistry B, 2019, 123, 6410-6420.	1.2	7
196	The JPC Periodic Table. Journal of Physical Chemistry C, 2019, 123, 17063-17074.	1.5	1
197	The JPC Periodic Table. Journal of Physical Chemistry Letters, 2019, 10, 4051-4062.	2.1	2
198	Quantum dynamics of a molecular emitter strongly coupled with surface plasmon polaritons: A macroscopic quantum electrodynamics approach. Journal of Chemical Physics, 2019, 151, 014105.	1.2	33

#	Article	IF	Citations
199	Carotenoid Nuclear Reorganization and Interplay of Bright and Dark Excited States. Journal of Physical Chemistry B, 2019, 123, 8628-8643.	1.2	27
200	A cyanide-bridged di-manganese carbonyl complex that photochemically reduces CO₂ to CO. Dalton Transactions, 2019, 48, 1226-1236.	1.6	28
201	Binary small molecule organic nanoparticles exhibit both direct and diffusion-limited ultrafast charge transfer with NIR excitation. Nanoscale, 2019, 11, 2385-2392.	2.8	4
202	Engineering Perovskite Nanocrystal Surface Termination for Lightâ€Emitting Diodes with External Quantum Efficiency Exceeding 15%. Advanced Functional Materials, 2019, 29, 1807284.	7.8	80
203	Photoexcitation of flavoenzymes enables a stereoselective radical cyclization. Science, 2019, 364, 1166-1169.	6.0	256
204	Spectral Variability in Phycocyanin Cryptophyte Antenna Complexes is Controlled by Changes in the Î±â€Polypeptide Chains. ChemPhotoChem, 2019, 3, 945-956.	1.5	15
205	DNA-Templated Aggregates of Strongly Coupled Cyanine Dyes: Nonradiative Decay Governs Exciton Lifetimes. Journal of Physical Chemistry Letters, 2019, 10, 2386-2392.	2.1	49
206	Evaluation of excited state bond weakening for ammonia synthesis from a manganese nitride: stepwise proton coupled electron transfer is preferred over hydrogen atom transfer. Chemical Communications, 2019, 55, 5595-5598.	2.2	16
207	Chinese Spring Festival Editorial. Journal of Physical Chemistry Letters, 2019, 10, 701-701.	2.1	3
208	Highâ€Voltage Photogeneration Exclusively via Aggregationâ€Induced Triplet States in a Heavyâ€Atomâ€Free Nonplanar Organic Semiconductor. Advanced Energy Materials, 2019, 9, 1901649.	10.2	4
209	JPCL: A Dynamic Journal with a Global Reach. Journal of Physical Chemistry Letters, 2019, 10, 113-114.	2.1	0
210	From Fundamental Theories to Quantum Coherences in Electron Transfer. Journal of the American Chemical Society, 2019, 141, 708-722.	6.6	85
211	Revealing structural involvement of chromophores in algal light harvesting complexes using symmetry-adapted perturbation theory. Journal of Photochemistry and Photobiology B: Biology, 2019, 190, 110-117.	1.7	8
212	Spectrally Resolved Ultrafast Exciton Transfer in Mixed Perovskite Quantum Wells. Journal of Physical Chemistry Letters, 2019, 10, 419-426.	2.1	74
213	Dinitrogen Coupling to a Terpyridine-Molybdenum Chromophore Is Switched on by Fermi Resonance. CheM, 2019, 5, 402-416.	5.8	27
214	Manganese-Based Catalysts with Varying Ligand Substituents for the Electrochemical Reduction of CO₂ to CO. Organometallics, 2019, 38, 1292-1299.	1.1	44
215	Limits of exciton delocalization in molecular aggregates. Faraday Discussions, 2019, 221, 265-280.	1.6	29
216	Two temperature regimes of triplet transfer in the dissociation of the correlated triplet pair after singlet fission. Canadian Journal of Chemistry, 2019, 97, 465-473.	0.6	18

#	Article	IF	Citations
217	Drop-in two-dimensional electronic spectroscopy based on dual modulation in the pump-probe geometry. Optics Letters, 2019, 44, 2653.	1.7	5
218	Ultrafast photophysics of metal halide perovskite multiple quantum wells: device implications and reconciling band alignment. , 2019, , .		0
219	Coherence from Light Harvesting to Chemistry. Journal of Physical Chemistry Letters, 2018, 9, 1568-1572.	2.1	28
220	Long-Lived Charge-Transfer States of Nickel(II) Aryl Halide Complexes Facilitate Bimolecular Photoinduced Electron Transfer. Journal of the American Chemical Society, 2018, 140, 3035-3039.	6.6	219
221	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mi>g</mml:mi></mml:mrow> state falls below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mn>3</mml:mn><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow> Chemical Physics, 2018, 515, 757-767.	0.9	13
222	Coherent wavepackets in the Fennaâ€“Matthewsâ€“Olson complex are robust to excitonic-structure perturbations caused by mutagenesis. Nature Chemistry, 2018, 10, 177-183.	6.6	93
223	Direct Observation of Correlated Triplet Pair Dynamics during Singlet Fission Using Ultrafast Mid-IR Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 2012-2022.	1.5	62
224	Editorial: 2017 in Perspective. Journal of Physical Chemistry Letters, 2018, 9, 138-140.	2.1	0
225	Ultrafast Photophysics of a Dinitrogen-Bridged Molybdenum Complex. Journal of the American Chemical Society, 2018, 140, 6298-6307.	6.6	13
226	Carbeneâ€“Metalâ€“Amide Bond Deformation, Rather Than Ligand Rotation, Drives Delayed Fluorescence. Journal of Physical Chemistry Letters, 2018, 9, 1620-1626.	2.1	57
227	Local protein solvation drives direct down-conversion in phycobiliprotein PC645 via incoherent vibronic transport. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3342-E3350.	3.3	61
228	High Magnetic Field Detunes Vibronic Resonances in Photosynthetic Light Harvesting. Journal of Physical Chemistry Letters, 2018, 9, 5548-5554.	2.1	18
229	The Nature of Excimer Formation in Crystalline Pyrene Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 21004-21017.	1.5	71
230	Vibronic Wavepackets and Energy Transfer in Cryptophyte Light-Harvesting Complexes. Journal of Physical Chemistry B, 2018, 122, 6328-6340.	1.2	19
231	Striking the right balance of intermolecular coupling for high-efficiency singlet fission. Chemical Science, 2018, 9, 6240-6259.	3.7	97
232	Peridinin Torsional Distortion and Bond-Length Alternation Introduce Intramolecular Charge-Transfer and Correlated Triplet Pair Intermediate Excited States. Journal of Physical Chemistry B, 2018, 122, 5835-5844.	1.2	6
233	Singlet Fission in Coreâ€“Shell Micelles of End-Functionalized Polymers. Chemistry of Materials, 2018, 30, 4409-4421.	3.2	16
234	From coherent to vibronic light harvesting in photosynthesis. Current Opinion in Chemical Biology, 2018, 47, 39-46.	2.8	40

#	Article	IF	Citations
235	Determination of the protonation preferences of bilin pigments in cryptophyte antenna complexes. Physical Chemistry Chemical Physics, 2018, 20, 21404-21416.	1.3	11
236	Triplet Energy Transfer Governs the Dissociation of the Correlated Triplet Pair in Exothermic Singlet Fission. Journal of Physical Chemistry Letters, 2018, 9, 4087-4095.	2.1	58
237	Influence of Bulky Organoâ€Ammonium Halide Additive Choice on the Flexibility and Efficiency of Perovskite Lightâ€Emitting Devices. Advanced Functional Materials, 2018, 28, 1802060.	7.8	76
238	Efficient perovskite light-emitting diodes featuring nanometre-sized crystallites. Nature Photonics, 2017, 11, 108-115.	15.6	1,175
239	Introduction: Light Harvesting. Chemical Reviews, 2017, 117, 247-248.	23.0	15
240	Cooperative Subunit Refolding of a Lightâ€Harvesting Protein through a Selfâ€Chaperone Mechanism. Angewandte Chemie - International Edition, 2017, 56, 8384-8388.	7.2	9
241	Ultrafast exciton dynamics in 2D in-plane hetero-nanostructures: delocalization and charge transfer. Physical Chemistry Chemical Physics, 2017, 19, 8373-8379.	1.3	31
242	Photoluminescence of Functionalized Germanium Nanocrystals Embedded in Arsenic Sulfide Glass. ACS Applied Materials & Interfaces, 2017, 9, 18911-18917.	4.0	10
243	Enhanced sub-bandgap efficiency of a solid-state organic intermediate band solar cell using tripletâ€“triplet annihilation. Energy and Environmental Science, 2017, 10, 1465-1475.	15.6	54
244	Cooperative Subunit Refolding of a Lightâ€Harvesting Protein through a Selfâ€Chaperone Mechanism. Angewandte Chemie, 2017, 129, 8504-8508.	1.6	3
245	Is back-electron transfer process in Betaine-30 coherent?. Chemical Physics Letters, 2017, 683, 500-506.	1.2	10
246	In Situ Preparation of Metal Halide Perovskite Nanocrystal Thin Films for Improved Light-Emitting Devices. ACS Nano, 2017, 11, 3957-3964.	7.3	151
247	Charge Localization after Ultrafast Photoexcitation of a Rigid Perylene Perylenediimide Dyad Visualized by Transient Stark Effect. Journal of the American Chemical Society, 2017, 139, 5530-5537.	6.6	33
248	Using coherence to enhance function in chemical and biophysical systems. Nature, 2017, 543, 647-656.	13.7	477
249	The JPCL New Yearâ€™s Editorial. Journal of Physical Chemistry Letters, 2017, 8, 41-41.	2.1	0
250	Photovoltaic concepts inspired by coherence effects in photosynthetic systems. Nature Materials, 2017, 16, 35-44.	13.3	243
251	Virtual Issue on Metal-Halide Perovskite Nanocrystalsâ€”A Bright Future for Optoelectronics. Chemistry of Materials, 2017, 29, 8915-8917.	3.2	16
252	Mixed-Halide Perovskites with Stabilized Bandgaps. Nano Letters, 2017, 17, 6863-6869.	4.5	165

#	Article	IF	Citations
253	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
254	Coherence Spectroscopy in the Condensed Phase: Insights into Molecular Structure, Environment, and Interactions. Accounts of Chemical Research, 2017, 50, 2746-2755.	7.6	52
255	Perspective Collections in the Limelight. Journal of Physical Chemistry Letters, 2017, 8, 5239-5239.	2.1	0
256	In the Limelight. Journal of Physical Chemistry Letters, 2017, 8, 3925-3925.	2.1	0
257	Solvent-dependent photo-induced dynamics in a non-rigidly linked zinc phthalocyanineâ€“perylenediimide dyad probed using ultrafast spectroscopy. Physical Chemistry Chemical Physics, 2017, 19, 21078-21089.	1.3	5
258	Biexciton Resonances Reveal Exciton Localization in Stacked Perovskite Quantum Wells. Journal of Physical Chemistry Letters, 2017, 8, 3895-3901.	2.1	41
259	Solution-processable, crystalline material for quantitative singlet fission. Materials Horizons, 2017, 4, 915-923.	6.4	56
260	Photophysical characterization and time-resolved spectroscopy of a anthradithiophene dimer: exploring the role of conformation in singlet fission. Physical Chemistry Chemical Physics, 2017, 19, 23162-23175.	1.3	31
261	Tuning Singlet Fission in Ï€-Bridge-Ï€ Chromophores. Journal of the American Chemical Society, 2017, 139, 12488-12494.	6.6	147
262	In the Limelight. Journal of Physical Chemistry Letters, 2017, 8, 3718-3719.	2.1	0
263	Virtual Issue in Honor of the 150th Birthday of Marie Curie: Highlighting Female Physical Chemists. Journal of Physical Chemistry A, 2017, 121, 8185-8187.	1.1	0
264	In the Limelight: Perspective Collections on Perovskites. Journal of Physical Chemistry Letters, 2017, 8, 5688-5688.	2.1	0
265	Virtual Issue in Honor of the 150th Birthday of Marie Curie: Highlighting Female Physical Chemists. Journal of Physical Chemistry Letters, 2017, 8, 5306-5308.	2.1	0
266	Virtual Issue in Honor of the 150th Birthday of Marie Curie: Highlighting Female Physical Chemists. Journal of Physical Chemistry B, 2017, 121, 9983-9985.	1.2	0
267	Light Absorption and Energy Transfer in the Antenna Complexes of Photosynthetic Organisms. Chemical Reviews, 2017, 117, 249-293.	23.0	802
268	Twoâ€Đimensional Visible Spectroscopy For Studying Colloidal Semiconductor Nanocrystals. Small, 2016, 12, 2234-2244.	5.2	46
269	Vibronic Enhancement of Algae Light Harvesting. CheM, 2016, 1, 858-872.	5.8	109
270	Ultrafast transient absorption revisited: Phase-flips, spectral fingers, and other dynamical features. Journal of Chemical Physics, 2016, 144, 175102.	1.2	49

#	Article	IF	Citations
271	Estimation of damped oscillation associated spectra from ultrafast transient absorption spectra. Journal of Chemical Physics, 2016, 145, 174201.	1.2	18
272	Slow Intramolecular Vibrational Relaxation Leads to Long-Lived Excited-State Wavepackets. Journal of Physical Chemistry A, 2016, 120, 6792-6799.	1.1	58
273	Spotlight on Your Work. Journal of Physical Chemistry Letters, 2016, 7, 3157-3157.	2.1	0
274	Dynamic Exchange During Triplet Transport in Nanocrystalline TIPS-Pentacene Films. Journal of the American Chemical Society, 2016, 138, 16069-16080.	6.6	84
275	Anisotropic Conjugated Polymer Chain Conformation Tailors the Energy Migration in Nanofibers. Journal of the American Chemical Society, 2016, 138, 15497-15505.	6.6	16
276	Broad-Band Pumpâ€“Probe Spectroscopy Quantifies Ultrafast Solvation Dynamics of Proteins and Molecules. Journal of Physical Chemistry Letters, 2016, 7, 4722-4731.	2.1	49
277	Dark States in the Light-Harvesting complex 2 Revealed by Two-dimensional Electronic Spectroscopy. Scientific Reports, 2016, 6, 20834.	1.6	69
278	Structureâ€Tuned Lead Halide Perovskite Nanocrystals. Advanced Materials, 2016, 28, 566-573.	11.1	215
279	The Matter of Urgency. Journal of Physical Chemistry Letters, 2016, 7, 1933-1933.	2.1	0
280	Direct Synthesis of CdSe Nanocrystals with Electroactive Ligands. Chemistry of Materials, 2016, 28, 4953-4961.	3.2	7
281	Observation of Two Triplet-Pair Intermediates in Singlet Exciton Fission. Journal of Physical Chemistry Letters, 2016, 7, 2370-2375.	2.1	186
282	Methylene Blue Exciton States Steer Nonradiative Relaxation: Ultrafast Spectroscopy of Methylene Blue Dimer. Journal of Physical Chemistry B, 2016, 120, 440-454.	1.2	59
283	Coherent Spectroscopy of PDI-based Artificial Light-Harvesting Antenna. , 2016, , .		1
284	Correlated Pair States Formed by Singlet Fission and Excitonâ€“Exciton Annihilation. Journal of Physical Chemistry A, 2015, 119, 12699-12705.	1.1	116
285	B800â€“B850 coherence correlates with energy transfer rates in the LH2 complex of photosynthetic purple bacteria. Physical Chemistry Chemical Physics, 2015, 17, 30805-30816.	1.3	12
286	Exciton Delocalization Drives Rapid Singlet Fission in Nanoparticles of Acene Derivatives. Journal of the American Chemical Society, 2015, 137, 6790-6803.	6.6	195
287	Room-temperature exciton coherence and dephasing in two-dimensional nanostructures. Nature Communications, 2015, 6, 6086.	5.8	94
288	Spectroscopic Studies of Cryptophyte Light Harvesting Proteins: Vibrations and Coherent Oscillations. Journal of Physical Chemistry B, 2015, 119, 10025-10034.	1.2	50

#	Article	IF	Citations
289	Thermal Light Cannot Be Represented as a Statistical Mixture of Single Pulses. Physical Review Letters, 2015, 114, 213601.	2.9	21
290	Improved power conversion efficiency for bulk heterojunction solar cells incorporating CdTe-CdSe nanoheterostructure acceptors and a conjugated polymer donor. Journal of Photonics for Energy, 2015, 5, 057409.	0.8	7
291	Adding Amorphous Content to Highly Crystalline Polymer Nanowire Solar Cells Increases Performance. Advanced Materials, 2015, 27, 3484-3491.	11.1	29
292	The separation of vibrational coherence from ground- and excited-electronic states in P3HT film. Journal of Chemical Physics, 2015, 142, 212410.	1.2	51
293	Broadband Transient Absorption and Two-Dimensional Electronic Spectroscopy of Methylene Blue. Journal of Physical Chemistry A, 2015, 119, 9098-9108.	1.1	55
294	Excitons Racing Against the Clock. Journal of Physical Chemistry Letters, 2015, 6, 3390-3390.	2.1	0
295	Observing Vibrational Wavepackets during an Ultrafast Electron Transfer Reaction. Journal of Physical Chemistry A, 2015, 119, 11837-11846.	1.1	33
296	Coherence in Energy Transfer and Photosynthesis. Annual Review of Physical Chemistry, 2015, 66, 69-96.	4.8	327
297	Method of developing analytical multipartite delocalization measures for mixedW-like states. Physical Review A, 2014, 90, .	1.0	15
298	Crossing disciplines â€•A view on twoâ€dimensional optical spectroscopy. Annalen Der Physik, 2014, 526, 31-49.	0.9	77
299	Extreme cross-peak 2D spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10031-10032.	3.3	4
300	A Little Coherence in Photosynthetic Light Harvesting. BioScience, 2014, 64, 14-25.	2.2	34
301	Perspective: Detecting and measuring exciton delocalization in photosynthetic light harvesting. Journal of Chemical Physics, 2014, 140, 110901.	1.2	37
302	Intramolecular radiationless transitions dominate exciton relaxation dynamics. Chemical Physics Letters, 2014, 599, 23-33.	1.2	38
303	Boosting plant biology. Nature Materials, 2014, 13, 329-331.	13.3	19
304	Photosynthetic light harvesting: excitons and coherence. Journal of the Royal Society Interface, 2014, 11, 20130901.	1.5	225
305	Charge Photogeneration in Neat Conjugated Polymers. Chemistry of Materials, 2014, 26, 561-575.	3.2	118
306	Exploring Ultrafast Electronic Processes of Quasi-Type II Nanocrystals by Two-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry C, 2014, 118, 16255-16263.	1.5	27

#	Article	IF	Citations
307	Vibrational coherence probes the mechanism of ultrafast electron transfer in polymerâ€“fullerene blends. Nature Communications, 2014, 5, 4933.	5.8	131
308	Managing Complex Photophysical Pathways for Solar Energy Conversion. Journal of Physical Chemistry Letters, 2014, 5, 2380-2381.	2.1	1
309	Lifeâ€”Warm, wet and noisy?. Physics of Life Reviews, 2014, 11, 85-86.	1.5	12
310	Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2666-75.	3.3	65
311	Coherent Oscillations in the PC577 Cryptophyte Antenna Occur in the Excited Electronic State. Journal of Physical Chemistry B, 2014, 118, 1296-1308.	1.2	83
312	Structural Refinement of Ladder-Type Perylenediimide Dimers: A Classical Tale of Conformational Dynamics. Journal of Organic Chemistry, 2013, 78, 8634-8644.	1.7	14
313	Photons and Physical Chemistry. Journal of Physical Chemistry Letters, 2013, 4, 4019-4019.	2.1	1
314	Broadband 2D Electronic Spectroscopy Reveals a Carotenoid Dark State in Purple Bacteria. Science, 2013, 340, 52-56.	6.0	143
315	Slow morphology evolution of block copolymerâ€“quantum dot hybrid networks in solution. Soft Matter, 2013, 9, 8887.	1.2	7
316	Energy Flow in the Cryptophyte PE545 Antenna Is Directed by Bilin Pigment Conformation. Journal of Physical Chemistry B, 2013, 117, 4263-4273.	1.2	49
317	Toward the Control of Nonradiative Processes in Semiconductor Nanocrystals. Journal of Physical Chemistry Letters, 2013, 4, 2091-2093.	2.1	12
318	Highly Efficient Warm White Organic Lightâ€Emitting Diodes by Triplet Exciton Conversion. Advanced Functional Materials, 2013, 23, 705-712.	7.8	168
319	Two-dimensional electronic spectroscopy for mapping molecular photophysics. Pure and Applied Chemistry, 2013, 85, 1307-1319.	0.9	26
320	Light-powered molecular logic goes nonlinear. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17167-17168.	3.3	2
321	Quantitative investigations of quantum coherence for a light-harvesting protein at conditions simulating photosynthesis. Physical Chemistry Chemical Physics, 2012, 14, 4857.	1.3	158
322	Measures and implications of electronic coherence in photosynthetic light-harvesting. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 3728-3749.	1.6	46
323	Electronic coherence lineshapes reveal hidden excitonic correlations in photosynthetic light harvesting. Nature Chemistry, 2012, 4, 396-404.	6.6	110
324	Solar light harvesting by energy transfer: from ecology to coherence. Energy and Environmental Science, 2012, 5, 9374.	15.6	113

#	Article	IF	Citations
325	Exciton Superposition States in CdSe Nanocrystals Measured Using Broadband Two-Dimensional Electronic Spectroscopy. Nano Letters, 2012, 12, 880-886.	4.5	102
326	The Dream Microscope for a Biophysical Chemist. Journal of Physical Chemistry Letters, 2012, 3, 555-555.	2.1	0
327	Spin for Physical Chemists. Journal of Physical Chemistry Letters, 2012, 3, 2247-2247.	2.1	0
328	Coherent Energy Transfer under Incoherent Light Conditions. Journal of Physical Chemistry Letters, 2012, 3, 3136-3142.	2.1	66
329	Two-Dimensional Electronic Spectroscopy Reveals Ultrafast Downhill Energy Transfer in Photosystem I Trimers of the Cyanobacterium Thermosynechococcus elongatus. Journal of Physical Chemistry Letters, 2012, 3, 3677-3684.	2.1	37
330	The fundamental role of quantized vibrations in coherent light harvesting by cryptophyte algae. Journal of Chemical Physics, 2012, 137, 174109.	1.2	184
331	Ultrafast relaxation of charge-transfer excitons in low-bandgap conjugated copolymers. Chemical Science, 2012, 3, 2270.	3.7	44
332	Preparation and photo/chemical-activation of wormlike network micelles of coreâ€“shell quantum dots and block copolymer hybrids. Journal of Materials Chemistry, 2011, 21, 9692.	6.7	15
333	Photosynthetic Light-Harvesting Is Tuned by the Heterogeneous Polarizable Environment of the Protein. Journal of the American Chemical Society, 2011, 133, 3078-3084.	6.6	123
334	Advances in Bionanotechnolgy. Journal of Physical Chemistry Letters, 2011, 2, 2678-2679.	2.1	1
335	Biexcitonic Fine Structure of CdSe Nanocrystals Probed by Polarization-Dependent Two-Dimensional Photon Echo Spectroscopy. Journal of Physical Chemistry A, 2011, 115, 3797-3806.	1.1	46
336	Delocalization-Enhanced Long-Range Energy Transfer between Cryptophyte Algae PE545 Antenna Proteins. Journal of Physical Chemistry B, 2011, 115, 5243-5253.	1.2	25
337	Flow of Excitation Energy in the Cryptophyte Light-Harvesting Antenna Phycocyanin 645. Biophysical Journal, 2011, 101, 1004-1013.	0.2	41
338	Comparison of Electronic and Vibrational Coherence Measured by Two-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry Letters, 2011, 2, 1904-1911.	2.1	181
339	Electronic Energy Transfer and Quantum-Coherence in Ï€-Conjugated Polymers. Chemistry of Materials, 2011, 23, 610-620.	3.2	225
340	Energy transfer from FÃ¶rsterâ€“Dexter theory to quantum coherent light-harvesting. International Reviews in Physical Chemistry, 2011, 30, 49-77.	0.9	188
341	Coherence in photosynthesis. Nature Physics, 2011, 7, 448-449.	6.5	30
342	Lessons from nature about solar light harvesting. Nature Chemistry, 2011, 3, 763-774.	6.6	1,556

#	Article	IF	Citations
343	Hydrogen Atoms Dragging Electrons. Journal of Physical Chemistry Letters, 2011, 2, 1490-1490.	2.1	0
344	Threeâ€Pulse Photonâ€Echo Peak Shift Spectroscopy and Its Application for the Study of Solvation and Nanoscale Excitons. ChemPhysChem, 2011, 12, 88-100.	1.0	12
345	Excitons in nanoscale systems. , 2010, , 12-25.		12
346	Structure and Excitedâ€State Interactions in Composites of CdSe Nanorods and Interfaceâ€Compatible Polythiopheneâ€graftâ€poly(N,Nâ€dimethylaminoethyl methacrylates). Macromolecular Chemistry and Physics, 2010, 211, 393-403.	1.1	6
347	Coherently wired light-harvesting in photosynthetic marine algae at ambient temperature. Nature, 2010, 463, 644-647.	13.7	1,392
348	Green quantum computers. Nature Physics, 2010, 6, 402-403.	6.5	25
349	Quantum-Coherent Electronic Energy Transfer: Did Nature Think of It First?. Journal of Physical Chemistry Letters, 2010, 1, 2-8.	2.1	215
350	Acoustic phonon strain induced mixing of the fine structure levels in colloidal CdSe quantum dots observed by a polarization grating technique. Journal of Chemical Physics, 2010, 132, 104506.	1.2	25
351	Excitation Dynamics in Phycoerythrin 545: Modeling of Steady-State Spectra and Transient Absorption with Modified Redfield Theory. Biophysical Journal, 2010, 99, 344-352.	0.2	67
352	On the use of time-resolved photoluminescence as a probe of nanocrystal photoexcitation dynamics. Journal of Materials Chemistry, 2010, 20, 3533.	6.7	103
353	Charge Separation and Recombination in CdTe/CdSe Core/Shell Nanocrystals as a Function of Shell Coverage: Probing the Onset of the Quasi Type-II Regime. Journal of Physical Chemistry Letters, 2010, 1, 2530-2535.	2.1	121
354	Phycobiliprotein diffusion in chloroplasts of cryptophyte Rhodomonas CS24. Photosynthesis Research, 2009, 100, 7-17.	1.6	12
355	Measurement of Electronâ^'Electron Interactions and Correlations Using Two-Dimensional Electronic Double-Quantum Coherence Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 12122-12133.	1.1	28
356	Electronic Energy Transfer in Condensed Phase Studied by a Polarizable QM/MM Model. Journal of Chemical Theory and Computation, 2009, 5, 1838-1848.	2.3	259
357	Two-Dimensional Electronic Double-Quantum Coherence Spectroscopy. Accounts of Chemical Research, 2009, 42, 1375-1384.	7.6	113
358	Relaxation in the Exciton Fine Structure of Semiconductor Nanocrystals. Journal of Physical Chemistry C, 2009, 113, 795-811.	1.5	54
359	Electronic and Vibrational Coherences in Resonance Energy Transfer along MEH-PPV Chains at Room Temperature. Journal of Physical Chemistry A, 2009, 113, 4223-4241.	1.1	111
360	Coherent Intrachain Energy Migration in a Conjugated Polymer at Room Temperature. Science, 2009, 323, 369-373.	6.0	705

#	Article	IF	Citations
361	Beyond FÃ¶rster Resonance Energy Transfer in Biological and Nanoscale Systems. Journal of Physical Chemistry B, 2009, 113, 6583-6599.	1.2	404
362	Exciton Fine Structure and Spin Relaxation in Semiconductor Colloidal Quantum Dots. Accounts of Chemical Research, 2009, 42, 1037-1046.	7.6	81
363	Conformational Disorder and Ultrafast Exciton Relaxation in PPV-family Conjugated Polymers. Journal of Physical Chemistry B, 2009, 113, 656-667.	1.2	143
364	Interaction between excitons determines the non-linear response of nanocrystals. Chemical Physics, 2008, 350, 56-68.	0.9	18
365	Controlling the Optical Properties of Inorganic Nanoparticles. Advanced Functional Materials, 2008, 18, 1157-1172.	7.8	221
366	Loading quantum dots into thermo-responsive microgels by reversible transfer from organic solvents to water. Journal of Materials Chemistry, 2008, 18, 763.	6.7	52
367	Insights into Excitons Confined to Nanoscale Systems: Electronâ€“Hole Interaction, Binding Energy, and Photodissociation. ACS Nano, 2008, 2, 523-537.	7.3	121
368	EXCITONS IN NANOSCALE SYSTEMS: FUNDAMENTALS AND APPLICATIONS. Annual Review of Nano Research, 2008, , 103-157.	0.2	4
369	Pitfalls and limitations in the practical use of FÃ¶rsterâ€™s theory of resonance energy transfer. Photochemical and Photobiological Sciences, 2008, 7, 1444-1448.	1.6	141
370	Upconversion photoluminescence of CdS nanocrystals in polymeric film. Journal of Applied Physics, 2008, 104, .	1.1	9
371	Exciton Trapping and Recombination in Type II CdSe/CdTe Nanorod Heterostructures. Journal of Physical Chemistry C, 2008, 112, 5423-5431.	1.5	83
372	Examining FÃ¶rster Energy Transfer for Semiconductor Nanocrystalline Quantum Dot Donors and Acceptors. Journal of Physical Chemistry C, 2008, 112, 13336-13341.	1.5	104
373	A Water-Soluble pH-Responsive Molecular Brush of Poly(N,N-dimethylaminoethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	138
374	Direct observation of three-photon resonance in water-soluble ZnS quantum dots. Applied Physics Letters, 2008, 92, .	1.5	14
375	How Solvent Controls Electronic Energy Transfer and Light Harvesting:â€‰ Toward a Quantum-Mechanical Description of Reaction Field and Screening Effects. Journal of Physical Chemistry B, 2007, 111, 13253-13265.	1.2	117
376	Water-Soluble CdSe Quantum Dots Passivated by a Multidentate Diblock Copolymer. Macromolecules, 2007, 40, 6377-6384.	2.2	95
377	How Solvent Controls Electronic Energy Transfer and Light Harvesting. Journal of Physical Chemistry B, 2007, 111, 6978-6982.	1.2	167
378	Ultrafast light harvesting dynamics in the cryptophyte phycocyanin 645. Photochemical and Photobiological Sciences, 2007, 6, 964-975.	1.6	62

#	Article	IF	Citations
379	Nanocrystal Shape and the Mechanism of Exciton Spin Relaxation. Nano Letters, 2006, 6, 1765-1771.	4.5	45
380	How Energy Funnels from the Phycoerythrin Antenna Complex to Photosystem I and Photosystem II in CryptophyteRhodomonasCS24 Cells. Journal of Physical Chemistry B, 2006, 110, 25066-25073.	1.2	52
381	Excitons in nanoscale systems. Nature Materials, 2006, 5, 683-696.	13.3	1,096
382	The photophysics of cryptophyte light-harvesting. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 1-17.	2.0	88
383	Mechanism and Origin of Exciton Spin Relaxation in CdSe Nanorodsâ€. Journal of Physical Chemistry B, 2006, 110, 25371-25382.	1.2	34
384	Exciton spin relaxation in quantum dots measured using ultrafast transient polarization grating spectroscopy. Physical Review B, 2006, 73, .	1.1	62
385	Photomodification of CdSe nanocrystals incorporated in a poly(butylmethacrylate) polymer film. Journal of Applied Physics, 2006, 99, 014305.	1.1	1
386	Mediation of Ultrafast Light-Harvesting by a Central Dimer in Phycoerythrin 545 Studied by Transient Absorption and Global Analysis. Journal of Physical Chemistry B, 2005, 109, 14219-14226.	1.2	31
387	Selection rules for probing biexcitons and electron spin transitions in isotropic quantum dot ensembles. Journal of Chemical Physics, 2004, 121, 10104-10110.	1.2	52
388	Surface passivation in CdSe nanocrystalâ€“polymer films revealed by ultrafast excitation relaxation dynamics. Physica Status Solidi (B): Basic Research, 2004, 241, 1986-1993.	0.7	18
389	Developing a Structureâ€“Function Model for the Cryptophyte Phycoerythrin 545 Using Ultrahigh Resolution Crystallography and Ultrafast Laser Spectroscopy. Journal of Molecular Biology, 2004, 344, 135-153.	2.0	117
390	LONG-RANGERESONANCEENERGYTRANSFER INMOLECULARSYSTEMS. Annual Review of Physical Chemistry, 2003, 54, 57-87.	4.8	1,063
391	Excitonâ€“bath coupling and inhomogeneous broadening in the optical spectroscopy of semiconductor quantum dots. Journal of Chemical Physics, 2003, 118, 9380-9388.	1.2	79
392	Quantum dots in a metallopolymer host: studies of composites of polyferrocenes and CdSe nanocrystals. Journal of Materials Chemistry, 2003, 13, 2213.	6.7	27
393	Adapting the FÃ¶rster Theory of Energy Transfer for Modeling Dynamics in Aggregated Molecular Assemblies. Journal of Physical Chemistry B, 2001, 105, 1640-1651.	1.2	222
394	On the Mechanism of Light Harvesting in Photosynthetic Purple Bacteria:â€‰ B800 to B850 Energy Transfer. Journal of Physical Chemistry B, 2000, 104, 1854-1868.	1.2	427
395	Probing Solvation and Reaction Coordinates of Ultrafast Photoinduced Electron-Transfer Reactions Using Nonlinear Spectroscopies:Â Rhodamine 6G in Electron-Donating Solventsâ€. Journal of Physical Chemistry A, 1999, 103, 10348-10358.	1.1	82
396	Electronic interactions in rigidly linked naphthalene dimers. Chemical Physics Letters, 1998, 292, 601-606.	1.2	25

#	Article	IF	Citations
397	Calculation of Couplings and Energy-Transfer Pathways between the Pigments of LH2 by the ab Initio Transition Density Cube Method. Journal of Physical Chemistry B, 1998, 102, 5378-5386.	1.2	653
398	Electronic Interactions & Interchromophore Energy Transfer. Advances in Multi-photon Processes and Spectroscopy, 1996, , 95-331.	0.6	4
399	Configuration interaction and the theory of electronic factors in energy transfer and molecular exciton interactions. Journal of Chemical Physics, 1996, 104, 5054-5061.	1.2	59
400	Through-Bond and Through-Space Coupling in Photoinduced Electron and Energy Transfer:Â AnabInitioand Semiempirical Study. The Journal of Physical Chemistry, 1996, 100, 10912-10918.	2.9	77
401	Rate expressions for excitation transfer. III. Anab initiostudy of electronic factors in excitation transfer and exciton resonance interactions. Journal of Chemical Physics, 1995, 102, 9574-9581.	1.2	131
402	Rate expressions for excitation transfer. IV. Energy migration and superexchange phenomena. Journal of Chemical Physics, 1995, 103, 8873-8883.	1.2	33
403	Rate expressions for excitation transfer. II. Electronic considerations of direct and throughâ€“configuration exciton resonance interactions. Journal of Chemical Physics, 1994, 101, 10521-10525.	1.2	208
404	Rate expressions for excitation transfer I. Radiationless transition theory perspective. Journal of Chemical Physics, 1994, 101, 1251-1261.	1.2	65
405	On the rate of radiationless intermolecular energy transfer. Journal of Chemical Physics, 1992, 97, 7405-7413.	1.2	39
406	Observation of conformational dynamics in single light-harvesting proteins from cryptophyte algae. Journal of Chemical Physics, 0, , .	1.2	1