Gilbert C Walker

List of Publications by Year
in descending order

283	8,037	53939 47	60403 85
papers	citations	h-index	g-index

285	285	285	12079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developments in Langmuir and What Is in a Strong and Exciting Perspective Article. Langmuir, 2022, 38, 1-2.	1.6	0
2	Influence of intraparticle cross-linking on polymer diffusion in latex films prepared from secondary dispersions. Progress in Organic Coatings, 2022, 164, 106691.	1.9	4
3	Virtual Issue: Wettability Gradient Surfaces. Langmuir, 2022, 38, 603-604.	1.6	1
4	Mechanical Size Effect of Freestanding Nanoconfined Polymer Films. Macromolecules, 2022, 55, 1248-1259.	2.2	18
5	Stimulus-Responsive Nanoconjugates Derived from Phytoglycogen Nanoparticles. Biomacromolecules, 2022, 23, 1928-1937.	2.6	6
6	Preface to the FranÃ§oise M. Winnik Special Issue. Langmuir, 2022, 38, 5031-5032.	1.6	0
7	Anti-leukemia effect associated with down-regulated CD47 and up-regulated calreticulin by stimulated macrophages in co-culture. Cancer Immunology, Immunotherapy, 2021, 70, 787-801.	2.0	7
8	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
9	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
10	Langmuir Hosts an ACS Connect Symposium in India. Langmuir, 2021, 37, 603-604.	1.6	0
11	Recent Developments and New Directions for Langmuir. Langmuir, 2021, 37, 1-1.	1.6	1
12	Grain Transformation and Degradation Mechanism of Formamidinium and Cesium Lead Iodide Perovskite under Humidity and Light. ACS Energy Letters, 2021, 6, 934-940.	8.8	90
13	Altered Membrane Mechanics Provides a Receptorâ€Independent Pathway for Serotonin Action. Chemistry - A European Journal, 2021, 27, 7533-7541.	1.7	20
14	Phytoglycogen Nanoparticles: Nature-Derived Superlubricants. ACS Nano, 2021, 15, 8953-8964.	7.3	9
15	Remembering FranÃ§oise Winnik. Langmuir, 2021, 37, 7627-7629.	1.6	0
16	Chemical Composition and Strain at Interfaces between Different Morphologies in Block Copolymer Thin Films. Langmuir, 2021, 37, 12723-12731.	1.6	2
17	Light and Humidity Induced Degradation and Grain Transformation in Mixed Cation Perovskites. , 2021, , .		1
18	Fabryâ€“PÃ©rot Phonon Polaritons in Boron Nitride Nanotube Resonators. Journal of Physical Chemistry Letters, 2021, 12, 11683-11687.	2.1	3

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19	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
20	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
21	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
22	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
23	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
24	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
25	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
26	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
27	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
28	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
29	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
30	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
31	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
32	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
33	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
34	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
35	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
36	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1

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37	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
38	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
39	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
40	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
41	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
42	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
43	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
44	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
45	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
46	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
47	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
48	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
49	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
50	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
51	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
52	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
53	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
54	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0

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55	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
56	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
57	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
58	Extraordinary Mass Transport and Selfâ€Assembly: A Pathway to Fabricate Luminescent CsPbBr₃ and Lightâ€Emitting Diodes by Vaporâ€Phase Deposition. Advanced Materials Interfaces, 2020, 7, 2000506.	1.9	15
59	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
60	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
61	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
62	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
63	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
64	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
65	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
66	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
67	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
68	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
69	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
70	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
71	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
72	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0

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73	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
74	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
75	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
76	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
77	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
78	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
79	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
80	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
81	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
82	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
83	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
84	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
85	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
86	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
87	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
88	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
89	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
90	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0

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91	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
92	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
93	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
94	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
95	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
96	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
97	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
98	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
99	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
100	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
101	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
102	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
103	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
104	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
106	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
107	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
108	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
113	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
114	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
117	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
120	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
121	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
123	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
124	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
125	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
126	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1

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127	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
128	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
129	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
130	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
131	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
132	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
133	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
134	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
135	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
136	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
137	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
138	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
139	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
140	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
141	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
142	Preface to the â€œMetalâ€“Organic Frameworks: Fundamental Study and Applicationsâ€•Joint Virtual Issue. Langmuir, 2020, 36, 14901-14903.	1.6	2
143	Preface to the Interfacial Science Developments at the Chinese Academy of Sciences Virtual Special Issue. Langmuir, 2020, 36, 12087-12087.	1.6	0
144	Surface and Volume Phonon Polaritons in Boron Nitride Nanotubes. Journal of Physical Chemistry Letters, 2019, 10, 4851-4856.	2.1	15

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145	Nanoscale Subsurface Morphologies in Block Copolymer Thin Films Revealed by Combined Near-Field Infrared Microscopy and Mechanical Mapping. ACS Applied Polymer Materials, 2019, 1, 933-938.	2.0	12
146	Dual-Mode Dark Field and Surface-Enhanced Raman Scattering Liposomes for Lymphoma and Leukemia Cell Imaging. Langmuir, 2019, 35, 1534-1543.	1.6	9
147	Photonic Nanoparticles for Cellular and Tissular Labeling. , 2019, , 147-170.		0
148	Ultrabroadband Nanospectroscopy with a Laser-Driven Plasma Source. ACS Photonics, 2018, 5, 1467-1475.	3.2	23
149	Bright Surfaceâ€Enhanced Raman Scattering with Fluorescence Quenching from Silica Encapsulated Jâ€Aggregate Coated Gold Nanoparticles. Advanced Materials, 2018, 30, 1705381.	11.1	40
150	Twist and Shout: Single-Molecule Mechanochemistry. ACS Nano, 2017, 11, 28-30.	7.3	7
151	Hexagonal Boron Nitride Self-Launches Hyperbolic Phonon Polaritons. Journal of Physical Chemistry Letters, 2017, 8, 2158-2162.	2.1	21
152	The Effect of Adjacent Materials on the Propagation of Phonon Polaritons in Hexagonal Boron Nitride. Journal of Physical Chemistry Letters, 2017, 8, 2902-2908.	2.1	17
153	Phospholipid Bilayers: Stability and Encapsulation of Nanoparticles. Annual Review of Physical Chemistry, 2017, 68, 261-283.	4.8	37
154	Homopolymer Nanolithography. Small, 2017, 13, 1702043.	5.2	13
155	Optical hot-spots in boron-nitride nanotubes at mid infrared frequencies: one-dimensional localization due to random-scattering. Optics Express, 2017, 25, 25059.	1.7	7
156	Surface Phonon Coupling within Boron Nitride Nanotubes Resolved by a Novel Near-Field Infrared Pump-Probe Imaging Technique.. Microscopy and Microanalysis, 2016, 22, 366-367.	0.2	0
157	How a Small Modification of the Corona-Forming Block Redirects the Self-Assembly of Crystallineâ€“Coil Block Copolymers in Solution. Macromolecules, 2016, 49, 7975-7984.	2.2	17
158	Aqueous-Based Fabrication of Low-VOC Nanostructured Block Copolymer Films as Potential Marine Antifouling Coatings. ACS Applied Materials & Interfaces, 2016, 8, 20342-20351.	4.0	15
159	Net charge of trace proteins. Nature Nanotechnology, 2016, 11, 739-740.	15.6	0
160	Surface phonon coupling within boron nitride resolved by a novel near-field infrared pump-probe imaging technique. Proceedings of SPIE, 2016, , .	0.8	0
161	Defects and Deformation of Boron Nitride Nanotubes Studied by Joint Nanoscale Mechanical and Infrared Near-Field Microscopy. Journal of Physical Chemistry C, 2016, 120, 1945-1951.	1.5	22
162	Near-Field Infrared Pumpâ€“Probe Imaging of Surface Phonon Coupling in Boron Nitride Nanotubes. Journal of Physical Chemistry Letters, 2016, 7, 289-294.	2.1	22

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163	Dynamic Fluoroalkyl Polyethylene Glycol Coâ€Polymers: A New Strategy for Reducing Protein Adhesion in Labâ€onâ€aâ€Chip Devices. Advanced Functional Materials, 2015, 25, 506-515.	7.8	25
164	Forming End-to-End Oligomers of Gold Nanorods Using Porphyrins and Phthalocyanines. Langmuir, 2015, 31, 6902-6908.	1.6	14
165	How osmolytes influence hydrophobic polymer conformations: A unified view from experiment and theory. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9270-9275.	3.3	98
166	Cell-Membrane-Mimicking Lipid-Coated Nanoparticles Confer Raman Enhancement to Membrane Proteins and Reveal Membrane-Attached Amyloid-Î² Conformation. ACS Nano, 2015, 9, 9070-9077.	7.3	81
167	Phase stabilized homodyne of infrared scattering type scanning near-field optical microscopy. Applied Physics Letters, 2014, 105, .	1.5	19
168	Mid-infrared surface phonon polaritons in boron-nitride nanotubes. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.0	12
169	Rational Design for the Controlled Aggregation of Gold Nanorods via Phospholipid Encapsulation for Enhanced Raman Scattering. ACS Nano, 2014, 8, 5462-5467.	7.3	60
170	Mid-infrared Polaritonic Coupling between Boron Nitride Nanotubes and Graphene. ACS Nano, 2014, 8, 11305-11312.	7.3	38
171	Structural and Optical Properties of Self-Assembled Chains of Plasmonic Nanocubes. Nano Letters, 2014, 14, 6314-6321.	4.5	92
172	Synthesis, self-assembly and photophysical properties of oligo(2,5-dihexyloxy-1,4-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	1.2	31
173	One-dimensional surface phonon polaritons in boron nitride nanotubes. Nature Communications, 2014, 5, 4782.	5.8	140
174	Organometallicâ€“Polypeptide Diblock Copolymers: Synthesis by Dielsâ€“Alder Coupling and Crystallization-Driven Self-Assembly to Uniform Truncated Elliptical Lamellae. Macromolecules, 2014, 47, 2604-2615.	2.2	23
175	A design strategy for the hierarchical fabrication of colloidal hybrid mesostructures. Nature Communications, 2014, 5, 3882.	5.8	73
176	pH changes the aggregation propensity of amyloid-Î² without altering the monomer conformation. Physical Chemistry Chemical Physics, 2014, 16, 885-889.	1.3	27
177	Characterization of the mechanical properties of microgels acting as cellular microenvironments. Soft Matter, 2013, 9, 2959.	1.2	37
178	Surface-Enhanced Raman Scattering Dye-Labeled Au Nanoparticles for Triplexed Detection of Leukemia and Lymphoma Cells and SERS Flow Cytometry. Langmuir, 2013, 29, 1908-1919.	1.6	95
179	Diameter-Dependent Bending Modulus of Individual Multiwall Boron Nitride Nanotubes. Journal of Physical Chemistry B, 2013, 117, 4618-4625.	1.2	35
180	Self-Seeding in One Dimension: A Route to Uniform Fiber-like Nanostructures from Block Copolymers with a Crystallizable Core-Forming Block. ACS Nano, 2013, 7, 3754-3766.	7.3	98

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181	Mechanical stability of phase-segregated multicomponent lipid bilayers enhanced by PS-b-PEO diblock copolymers. Soft Matter, 2013, 9, 6245.	1.2	7
182	Nanofibrillar thermoreversible micellar microgels. Soft Matter, 2013, 9, 2380.	1.2	18
183	Full Spectroscopic Tip-Enhanced Raman Imaging of Single Nanotapes Formed from Î²-Amyloid(1â€“40) Peptide Fragments. ACS Nano, 2013, 7, 911-920.	7.3	96
184	Surface-Enhanced Raman Scattering in Purely Dielectric Structures via Bloch Surface Waves. Journal of Physical Chemistry C, 2013, 117, 6821-6825.	1.5	50
185	Surface-Enhanced Raman Spectroscopy Using Lipid Encapsulated Plasmonic Nanoparticles and J-Aggregates To Create Locally Enhanced Electric Fields. Journal of Physical Chemistry C, 2013, 117, 1879-1886.	1.5	18
186	Evaluation of SERS labeling of CD20 on CLL cells using optical microscopy and fluorescence flow cytometry. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 55-64.	1.7	26
187	Phase Controlled Homodyne Infrared Near-Field Microscopy and Spectroscopy Reveal Inhomogeneity within and among Individual Boron Nitride Nanotubes. Journal of Physical Chemistry A, 2013, 117, 3348-3354.	1.1	46
188	Lipid-encapsulation of surface enhanced Raman scattering (SERS) nanoparticles and targeting to chronic lymphocytic leukemia (CLL) cells. Proceedings of SPIE, 2012, , .	0.8	8
189	Single Polymer Studies of Hydrophobic Hydration. Accounts of Chemical Research, 2012, 45, 2011-2021.	7.6	57
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