

Steve Granick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9467462/publications.pdf>

Version: 2024-02-01

167
papers

12,838
citations

29994

54
h-index

23472

111
g-index

175
all docs

175
docs citations

175
times ranked

11318
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed self-assembly of a colloidal kagome lattice. <i>Nature</i> , 2011, 469, 381-384.	13.7	1,068
2	Janus Particle Synthesis and Assembly. <i>Advanced Materials</i> , 2010, 22, 1060-1071.	11.1	690
3	Layered, Erasable Polymer Multilayers Formed by Hydrogen-Bonded Sequential Self-Assembly. <i>Macromolecules</i> , 2002, 35, 301-310.	2.2	500
4	Simple Method to Produce Janus Colloidal Particles in Large Quantity. <i>Langmuir</i> , 2006, 22, 9495-9499.	1.6	491
5	Supracolloidal Reaction Kinetics of Janus Spheres. <i>Science</i> , 2011, 331, 199-202.	6.0	479
6	When Brownian diffusion is not Gaussian. <i>Nature Materials</i> , 2012, 11, 481-485.	13.3	442
7	Reconfiguring active particles by electrostatic imbalance. <i>Nature Materials</i> , 2016, 15, 1095-1099.	13.3	414
8	Anomalous yet Brownian. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15160-15164.	3.3	390
9	Slippery questions about complex fluids flowing past solids. <i>Nature Materials</i> , 2003, 2, 221-227.	13.3	362
10	Linking synchronization to self-assembly using magnetic Janus colloids. <i>Nature</i> , 2012, 491, 578-581.	13.7	339
11	Clusters of Charged Janus Spheres. <i>Nano Letters</i> , 2006, 6, 2510-2514.	4.5	321
12	Colloidal-Sized Metal-Organic Frameworks: Synthesis and Applications. <i>Accounts of Chemical Research</i> , 2014, 47, 459-469.	7.6	302
13	Clusters of Amphiphilic Colloidal Spheres. <i>Langmuir</i> , 2008, 24, 621-625.	1.6	251
14	Janus Particle Synthesis, Assembly, and Application. <i>Langmuir</i> , 2017, 33, 6964-6977.	1.6	251
15	From dynamic self-assembly to networked chemical systems. <i>Chemical Society Reviews</i> , 2017, 46, 5647-5678.	18.7	241
16	Controlling the Geometry (Janus Balance) of Amphiphilic Colloidal Particles. <i>Langmuir</i> , 2008, 24, 2438-2445.	1.6	202
17	Diffusion of a polymer "pancake". <i>Nature</i> , 2000, 406, 146-146.	13.7	164
18	Electric Field-Induced Assembly of Monodisperse Polyhedral Metal-Organic Framework Crystals. <i>Journal of the American Chemical Society</i> , 2013, 135, 34-37.	6.6	158

#	ARTICLE	IF	CITATIONS
19	Equation for Slip of Simple Liquids at Smooth Solid Surfaces. <i>Langmuir</i> , 2003, 19, 5065-5071.	1.6	153
20	Kinetics of polymer adsorption and desorption. <i>Physical Review Letters</i> , 1991, 66, 899-902.	2.9	152
21	Macromolecules at surfaces: Research challenges and opportunities from tribology to biology. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2755-2793.	2.4	151
22	Active colloids with collective mobility status and research opportunities. <i>Chemical Society Reviews</i> , 2017, 46, 5551-5569.	18.7	145
23	Triblock Colloids for Directed Self-Assembly. <i>Journal of the American Chemical Society</i> , 2011, 133, 7725-7727.	6.6	141
24	Local Electrostatics within a Polyelectrolyte Multilayer with Embedded Weak Polyelectrolyte. <i>Macromolecules</i> , 2002, 35, 1805-1813.	2.2	131
25	Surface Diffusion of Poly(ethylene glycol). <i>Macromolecules</i> , 2002, 35, 1776-1784.	2.2	130
26	Stick to slip transition and adhesion of lubricated surfaces in moving contact. <i>Journal of Chemical Physics</i> , 1994, 101, 2606-2615.	1.2	124
27	Even Hard-Sphere Colloidal Suspensions Display Fickian Yet Non-Gaussian Diffusion. <i>ACS Nano</i> , 2014, 8, 3331-3336.	7.3	123
28	Memoryless self-reinforcing directionality in endosomal active transport within living cells. <i>Nature Materials</i> , 2015, 14, 589-593.	13.3	123
29	Toward Design Rules of Directional Janus Colloidal Assembly. <i>Annual Review of Physical Chemistry</i> , 2015, 66, 581-600.	4.8	122
30	Solvent-Free Synthesis of Janus Colloidal Particles. <i>Langmuir</i> , 2008, 24, 10073-10077.	1.6	120
31	Janus and Multiblock Colloidal Particles. <i>Langmuir</i> , 2012, 28, 13555-13561.	1.6	117
32	Enzyme leaps fuel antichemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 14-18.	3.3	110
33	The Bimodal Energy Landscape When Polymers Adsorb. <i>Langmuir</i> , 1996, 12, 994-996.	1.6	106
34	A Curious Antipathy for Water. <i>Science</i> , 2008, 322, 1477-1478.	6.0	106
35	No-Slip Boundary Condition Switches to Partial Slip When Fluid Contains Surfactant. <i>Langmuir</i> , 2002, 18, 10058-10063.	1.6	105
36	Catalytic enzymes are active matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10812-E10821.	3.3	98

#	ARTICLE	IF	CITATIONS
37	Soft Matter in a Tight Spot: Nanorheology of Confined Liquids and Block Copolymers. Israel Journal of Chemistry, 1995, 35, 75-84.	1.0	95
38	Single-Molecule Observation of Long Jumps in Polymer Adsorption. ACS Nano, 2013, 7, 9735-9742.	7.3	92
39	Reassessment of Solidification in Fluids Confined between Mica Sheets. Langmuir, 2003, 19, 8148-8151.	1.6	87
40	Directed Self-Assembly Pathways of Active Colloidal Clusters. Angewandte Chemie - International Edition, 2016, 55, 5166-5169.	7.2	87
41	Transition from static to kinetic friction in a model lubricated system. Journal of Chemical Physics, 1998, 109, 6889-6897.	1.2	81
42	Polyelectrolyte adsorption onto an initially-bare solid surface of opposite electrical charge. Journal of Chemical Physics, 1998, 109, 6861-6868.	1.2	79
43	Origins of solidification when a simple molecular fluid is confined between two plates. Journal of Chemical Physics, 2001, 115, 1498-1512.	1.2	79
44	A Simple Method to Produce Trivalent Colloidal Particles. Langmuir, 2009, 25, 8915-8918.	1.6	76
45	Microscopic study of thin film lubrication and its contributions to macroscopic tribology. Tribology Letters, 1998, 5, 81-88.	1.2	75
46	Janus Colloidal Matchsticks. Journal of the American Chemical Society, 2012, 134, 12901-12903.	6.6	75
47	How Polymer Surface Diffusion Depends on Surface Coverage. Macromolecules, 2007, 40, 1243-1247.	2.2	70
48	Effective temperature concept evaluated in an active colloid mixture. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7513-7518.	3.3	70
49	Giant capsids from lattice self-assembly of cyclodextrin complexes. Nature Communications, 2017, 8, 15856.	5.8	65
50	Boosted molecular mobility during common chemical reactions. Science, 2020, 369, 537-541.	6.0	62
51	Confining Potential when a Biopolymer Filament Reptates. Physical Review Letters, 2010, 104, 118301.	2.9	61
52	Active phase separation by turning towards regions of higher density. Nature Physics, 2021, 17, 961-967.	6.5	61
53	How Polyelectrolyte Adsorption Depends on History: A Combined Fourier Transform Infrared Spectroscopy in Attenuated Total Reflection and Surface Forces Study. Langmuir, 1999, 15, 8474-8482.	1.6	57
54	Single-Particle Colloid Tracking in Four Dimensions. Langmuir, 2006, 22, 9812-9815.	1.6	56

#	ARTICLE	IF	CITATIONS
55	Critique of the Friction Coefficient Concept for Wet (Lubricated) Sliding. Langmuir, 1996, 12, 4537-4542.	1.6	55
56	Apparent Slip of Newtonian Fluids Past Adsorbed Polymer Layers. Macromolecules, 2002, 35, 4658-4663.	2.2	55
57	Adsorption of human serum albumin: Dependence on molecular architecture of the oppositely charged surface. Journal of Chemical Physics, 1999, 110, 10153-10161.	1.2	54
58	Surface Forces in the Tapping Mode: Solvent Permeability and Hydrodynamic Thickness of Adsorbed Polymer Brushes. Macromolecules, 1997, 30, 1079-1085.	2.2	53
59	Cationic Nanoparticles Stabilize Zwitterionic Liposomes Better than Anionic Ones. Journal of Physical Chemistry C, 2007, 111, 8233-8236.	1.5	53
60	Machine learning assembly landscapes from particle tracking data. Soft Matter, 2015, 11, 8141-8153.	1.2	53
61	Self-assembly of octadecyltrichlorosilane monolayers on mica. Journal of Materials Research, 1990, 5, 1745-1751.	1.2	51
62	Selective Janus Particle Assembly at Tipping Points of Thermally Switched Wetting. Angewandte Chemie - International Edition, 2014, 53, 4364-4367.	7.2	51
63	Cell migration in microengineered tumor environments. Lab on A Chip, 2017, 17, 4171-4185.	3.1	51
64	Orientationally Glassy Crystals of Janus Spheres. Physical Review Letters, 2014, 112, .	2.9	50
65	Liquid-Cell Electron Microscopy of Adsorbed Polymers. Advanced Materials, 2017, 29, 1703555.	11.1	50
66	Intermediate states of molecular self-assembly from liquid-cell electron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1283-1292.	3.3	48
67	Methods to Track Single-Molecule Trajectories. Langmuir, 2006, 22, 5266-5272.	1.6	45
68	Influence of Alignment of Crystalline Confining Surfaces on Static Forces and Shear in a Liquid Crystal, 4-n-Pentyl-4-cyanobiphenyl. Langmuir, 2000, 16, 8368-8376.	1.6	44
69	Substrate curvature affects the shape, orientation, and polarization of renal epithelial cells. Acta Biomaterialia, 2018, 77, 311-321.	4.1	42
70	Self-assembly of octadecyltrichlorosilane films on mica. Journal of Applied Polymer Science, 1989, 37, 2767-2772.	1.3	41
71	Tribology of Confined Fomblin-Z Perfluoropolyalkyl Ethers: Role of Chain-End Chemical Functionality. Journal of Physical Chemistry B, 1999, 103, 8711-8721.	1.2	40
72	Biolubrication: Hyaluronic Acid and the Influence on Its Interfacial Viscosity of an Antiinflammatory Drug. Macromolecules, 2003, 36, 973-976.	2.2	38

#	ARTICLE	IF	CITATIONS
73	Tribology Studied Using Atomically Smooth Surfaces. Tribology Transactions, 1990, 33, 436-446.	1.1	37
74	Molecular Tribology of Fluid Lubrication: Shear Thinning. Tribology Transactions, 1992, 35, 405-410.	1.1	37
75	Temperature Gradients Induce Phase Separation in a Miscible Polymer Solution. Physical Review Letters, 1996, 77, 1990-1993.	2.9	36
76	Optorheological Studies of Sheared Confined Fluids with Mesoscopic Thickness. Langmuir, 1998, 14, 1156-1161.	1.6	35
77	Dielectric response of polymer films confined between mica surfaces. Journal of Chemical Physics, 1999, 110, 9688-9696.	1.2	35
78	An integrated platform for surface forces measurements and fluorescence correlation spectroscopy. Review of Scientific Instruments, 2003, 74, 3067-3072.	0.6	35
79	Kinetic regimes of polyelectrolyte exchange between the adsorbed state and free solution. Journal of Chemical Physics, 1998, 109, 6869-6878.	1.2	34
80	Shear-induced dilation of confined liquid films. Tribology Letters, 2000, 9, 55-62.	1.2	34
81	Natural selection in the colloid world: active chiral spirals. Faraday Discussions, 2016, 191, 35-46.	1.6	34
82	Micron-gap rheo-optics with parallel plates. Journal of Chemical Physics, 1997, 107, 8664-8667.	1.2	32
83	ÅAnatomy of cage formation in a two-dimensional glass-forming liquid. Nature, 2020, 587, 225-229.	13.7	32
84	Platinum Nanoparticles at Mica Surfaces. Langmuir, 2003, 19, 7061-7070.	1.6	31
85	Enhanced Diffusion and Oligomeric Enzyme Dissociation. Journal of the American Chemical Society, 2019, 141, 20062-20068.	6.6	31
86	Rate-Dependent Adhesion between Opposed Perfluoropoly(alkyl ether) Layers: Dependence on Chain-End Functionality and Chain Length. Journal of Physical Chemistry B, 1998, 102, 6056-6063.	1.2	30
87	Master curve of boosted diffusion for 10 catalytic enzymes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29435-29441.	3.3	30
88	Microviscosity in poly(ethylene oxide)-polypropylene oxide-poly(ethylene oxide) block copolymers probed by fluorescence depolarization kinetics. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2883-2888.	2.4	29
89	Metal-Organic Framework "Swimmers" with Energy-Efficient Autonomous Motility. ACS Nano, 2017, 11, 10914-10923.	7.3	28
90	Infrared Dichroism and Surface Conformational Dynamics of Adsorbed Poly(dimethylsiloxane). Macromolecules, 1998, 31, 5450-5455.	2.2	27

#	ARTICLE	IF	CITATIONS
91	Preorganized Chromophores Facilitate Triplet Energy Migration, Annihilation and Upconverted Singlet Energy Collection. <i>Journal of the American Chemical Society</i> , 2016, 138, 6541-6549.	6.6	27
92	Longer-Lasting Electron-Based Microscopy of Single Molecules in Aqueous Medium. <i>ACS Nano</i> , 2018, 12, 8572-8578.	7.3	24
93	Title is missing!. <i>Tribology Letters</i> , 1999, 7, 161-172.	1.2	23
94	Modification of Boundary Lubrication by Oil-Soluble Friction Modifier Additives. <i>Tribology Letters</i> , 2003, 15, 127-134.	1.2	22
95	Confined liquid controversies near closure?. <i>Physics Magazine</i> , 0, 3, .	0.1	22
96	Real-Space, <i>in Situ</i> Maps of Hydrogel Pores. <i>ACS Nano</i> , 2017, 11, 204-212.	7.3	22
97	Interleaflet Diffusion Coupling When Polymer Adsorbs onto One Sole Leaflet of a Supported Phospholipid Bilayer. <i>Macromolecules</i> , 2007, 40, 1366-1368.	2.2	21
98	Response to Comment on "Boosted molecular mobility during common chemical reactions". <i>Science</i> , 2021, 371, .	6.0	20
99	Flow-Induced Deformation and Desorption of Adsorbed Polymers. <i>Langmuir</i> , 1998, 14, 4266-4271.	1.6	19
100	Ligand-receptor binding on nanoparticle-stabilized liposome surfaces. <i>Soft Matter</i> , 2007, 3, 551-553.	1.2	19
101	Diffusion of Polymer-Coated Nanoparticles Studied by Fluorescence Correlation Spectroscopy. <i>Macromolecules</i> , 2001, 34, 3123-3126.	2.2	17
102	Rapid-prototyping a Brownian particle in an active bath. <i>Soft Matter</i> , 2020, 16, 8122-8127.	1.2	17
103	PMMA adsorption over previously adsorbed PS studied by polarized FTIR-ATR. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 2429-2437.	2.4	16
104	A Polymer's Dielectric Normal Modes Depend on Its Film Thickness When Confined between Nonwetting Surfaces. <i>Macromolecules</i> , 2001, 34, 8490-8495.	2.2	16
105	Using NMR to Test Molecular Mobility during a Chemical Reaction. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2370-2375.	2.1	16
106	Formation and Characterization of Covalently Bound Polyelectrolyte Brushes. <i>Langmuir</i> , 1997, 13, 4935-4938.	1.6	15
107	Molecules, the Ultimate Nanomotor: Linking Chemical Reaction Intermediates to their Molecular Diffusivity. <i>ACS Nano</i> , 2021, 15, 14947-14953.	7.3	15
108	Nanorheology of Aqueous Polyethylene Glycol (PEG). <i>Macromolecules</i> , 2002, 35, 4017-4022.	2.2	14

#	ARTICLE	IF	CITATIONS
109	A surface forces platform for dielectric measurements. <i>Journal of Chemical Physics</i> , 2003, 119, 547-554.	1.2	14
110	Dynamic cross-correlations between entangled biofilaments as they diffuse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3322-3327.	3.3	14
111	Single-crosslink microscopy in a biopolymer network dissects local elasticity from molecular fluctuations. <i>Nature Communications</i> , 2019, 10, 3314.	5.8	14
112	Directed Self-Assembly Pathways of Active Colloidal Clusters. <i>Angewandte Chemie</i> , 2016, 128, 5252-5255.	1.6	13
113	Ionic Janus Liquid Droplets Assembled and Propelled by Electric Field. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16773-16776.	7.2	13
114	Apparent hydrodynamic thickness of densely grafted polymer layers in a theta solvent. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 2961-2968.	2.4	12
115	Orientation and Order of Aqueous Organic Ions Adsorbed to a Solid Surface. <i>Journal of Physical Chemistry B</i> , 1999, 103, 472-479.	1.2	12
116	Activated Surface Diffusion in a Simple Colloid System. <i>Physical Review Letters</i> , 2009, 102, 178303.	2.9	12
117	Local Chain Dynamics of Adsorbed Polystyrene Studied by Time-Resolved Fluorescence Anisotropy. <i>Macromolecules</i> , 2001, 34, 8401-8404.	2.2	11
118	Charged polypeptide diffusion at a very high ionic strength. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 3497-3502.	2.4	11
119	Biomolecular Science of Liposome-Nanoparticle Constructs. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 507, 18-25.	0.4	11
120	Simple Interpretation of Ionization and Helix-Coil Stability Shift When a Polyelectrolyte Adsorbs. <i>Langmuir</i> , 2003, 19, 1980-1983.	1.6	10
121	Fluorescence recovery after photobleaching measurements of polymers in a surface forces apparatus. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 2582-2588.	2.4	9
122	Robustness of FCS (Fluorescence Correlation Spectroscopy) with Quenchers Present. <i>Journal of Physical Chemistry A</i> , 2019, 123, 10184-10189.	1.1	9
123	Steering Coacervation by a Pair of Broad-Spectrum Regulators. <i>ACS Nano</i> , 2019, 13, 2420-2426.	7.3	9
124	Reincarnations of the phase separation problem. <i>Nature Communications</i> , 2021, 12, 911.	5.8	9
125	Reply to Comment on "Using NMR to Test Molecular Mobility during a Chemical Reaction". <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5744-5747.	2.1	9
126	Isomeric colloidal clusters with shape-dependent mobility. <i>Soft Matter</i> , 2009, 5, 81-83.	1.2	8

#	ARTICLE	IF	CITATIONS
127	Printing with magnets. <i>Nature Materials</i> , 2014, 13, 8-9.	13.3	8
128	Open questions about polymer interfacial diffusion. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3434-3435.	2.4	7
129	Open questions about polymer friction. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 3237-3239.	2.4	7
130	Modular Stitching To Image Single-Molecule DNA Transport. <i>Journal of the American Chemical Society</i> , 2013, 135, 6006-6009.	6.6	7
131	Scrutinizing evidence of no dilatancy upon stick-slip of confined fluids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4972-E4972.	3.3	7
132	Mixed-Charge Nanocarriers Allow for Selective Targeting of Mitochondria by Otherwise Nonselective Dyes. <i>ACS Nano</i> , 2021, 15, 11470-11490.	7.3	7
133	Single-molecule methods in polymer science. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 2542-2543.	2.4	6
134	Heat Transfer at Solid-Gas Interfaces by Photoacoustics at Brillouin Frequencies. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10896-10903.	1.5	6
135	DNA molecules deviate from shortest trajectory when driven through hydrogel. <i>Journal of Chemical Physics</i> , 2018, 149, 163331.	1.2	6
136	Molecular Tribometry: Recent Results and Future Prospects. <i>Materials Research Society Symposia Proceedings</i> , 1988, 140, 125.	0.1	5
137	Fast, spatially resolved thermometry of Si and GaP crystals using pump-probe two-photon absorption. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	5
138	How to better focus waves by considering symmetry and information loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6554-6559.	3.3	5
139	Drive mechanism for a surface force apparatus. <i>Review of Scientific Instruments</i> , 1988, 59, 811-812.	0.6	4
140	Watching macromolecules diffuse at surfaces and under confinement. <i>Macromolecular Symposia</i> , 2003, 201, 89-94.	0.4	4
141	A switch for phase shifting. <i>Nature Materials</i> , 2015, 14, 17-18.	13.3	4
142	Nanoparticle puzzles and research opportunities that go beyond state of the art. <i>Faraday Discussions</i> , 2016, 186, 11-15.	1.6	4
143	Vector assembly of colloids on monolayer substrates. <i>Nature Communications</i> , 2017, 8, 15778.	5.8	4
144	Colloidal Flatlands Confronted with Urge for the Third Dimension. <i>ACS Nano</i> , 2019, 13, 9442-9448.	7.3	4

#	ARTICLE	IF	CITATIONS
145	Biologically-active unilamellar vesicles from red blood cells. <i>Biomaterials Science</i> , 2019, 7, 1393-1398.	2.6	4
146	Healing of confined polymer films following deformation at high shear rate. <i>Journal of Rheology</i> , 2000, 44, 1169-1182.	1.3	3
147	Linear shear viscoelasticity of confined, end-attached polymers in a near-theta solvent. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 3487-3496.	2.4	3
148	Unorthodox bubbles when boiling in cold water. <i>Physical Review E</i> , 2014, 89, 013011.	0.8	3
149	Correlated two-particle diffusion in dense colloidal suspensions at early times: Theory and comparison to experiment. <i>Physical Review E</i> , 2015, 92, 052304.	0.8	3
150	Comparing Geometry and Chemistry When Confined Molecules Diffuse in Monodisperse Metal-Organic Framework Pores. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6399-6403.	2.1	3
151	Synthetic asters as elastic and radial skeletons. <i>Nature Communications</i> , 2019, 10, 4954.	5.8	3
152	Friction and the Continuum Limit – Where is the Boundary?. <i>Materials Research Society Symposia Proceedings</i> , 2000, 651, 1.	0.1	2
153	Polystyrene Latex Nanoparticles Shrink When Polyelectrolyte of the Same Charge Is Added. <i>Macromolecules</i> , 2004, 37, 2919-2923.	2.2	2
154	Micromotor That Carries Its Own Fuel Internally. <i>Langmuir</i> , 2020, 36, 7701-7705.	1.6	2
155	Deep line-temporal focusing with high axial resolution and a large field-of-view using intracavity control and incoherent pulse shaping. <i>Optics Letters</i> , 2018, 43, 4919.	1.7	2
156	Nanorheology of Polymers, Block Copolymers, and Complex Fluids. <i>Materials Research Society Symposia Proceedings</i> , 1994, 366, 113.	0.1	1
157	Notes on the Interpretation of Nanorheology Experiments. <i>Materials Research Society Symposia Proceedings</i> , 1996, 464, 45.	0.1	1
158	Local Environment of Surface-Polyelectrolyte-Bound DNA Oligomers. <i>Materials Research Society Symposia Proceedings</i> , 2000, 651, 1.	0.1	1
159	InnenrÄ¼cktitelbild: Directional Self-Assembly of a Colloidal Metal-Organic Framework (<i>Angew. Chem.</i>) Tj ETQq1 1_0,784314_1rgBT /O	1.6	1
160	Preface: Special Topic on Chemical Physics of Charged Macromolecules. <i>Journal of Chemical Physics</i> , 2018, 149, 163001.	1.2	1
161	Ionic Janus Liquid Droplets Assembled and Propelled by Electric Field. <i>Angewandte Chemie</i> , 2018, 130, 17015-17018.	1.6	1
162	Apparatus to Measure Subnanometer Fluctuation of Giant Unilamellar Vesicle Membranes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4512-4516.	1.1	1

#	ARTICLE	IF	CITATIONS
163	Imaging Individual Molecules Using Liquid-phase TEM - Surprises and Research Opportunities. <i>Microscopy and Microanalysis</i> , 2021, 27, 3-4.	0.2	1
164	Spectroscopic Studies of Confined Molecules Under Shear. <i>Materials Research Society Symposia Proceedings</i> , 1996, 464, 89.	0.1	0
165	Europe's hard forum for soft matter. <i>Nature</i> , 2000, 407, 297-297.	13.7	0
166	Inside Back Cover: Directional Self-Assembly of a Colloidal Metal-Organic Framework (<i>Angew. Chem.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 792		0
167	DIELECTRIC RESPONSE OF POLYMER FILMS CONFINED BETWEEN MICA SURFACES. , 2000, , 229-249.		0