Jodie L Lutkenhaus

List of Publications by Year
in descending order

268	6,727	53660	74018
papers	citations	45 h-index	75 g-index

269	269	269	7120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antioxidants Unlock Shelf-Stable Ti3C2T (MXene) Nanosheet Dispersions. Matter, 2019, 1, 513-526.	5.0	436
2	Oxidation stability of Ti3C2Tx MXene nanosheets in solvents and composite films. Npj 2D Materials and Applications, 2019, 3, .	3.9	312
3	Surface-agnostic highly stretchable and bendable conductive MXene multilayers. Science Advances, 2018, 4, eaaq0118.	4.7	229
4	Elastomeric Flexible Free-Standing Hydrogen-Bonded Nanoscale Assemblies. Journal of the American Chemical Society, 2005, 127, 17228-17234.	6.6	214
5	Polypeptide organic radical batteries. Nature, 2021, 593, 61-66.	13.7	195
6	Mechanically Strong Graphene/Aramid Nanofiber Composite Electrodes for Structural Energy and Power. ACS Nano, 2017, 11, 6682-6690.	7.3	190
7	Recent advances in conjugated polymer energy storage. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 468-480.	2.4	175
8	Water Sorption in MXene/Polyelectrolyte Multilayers for Ultrafast Humidity Sensing. ACS Applied Nano Materials, 2019, 2, 948-955.	2.4	173
9	Confinement Effects on Crystallization and Curie Transitions of Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td	2.2	147
10	Real-time insight into the doping mechanism of redox-active organic radical polymers. Nature Materials, 2019, 18, 69-75.	13.3	140
11	Diffusion-Cooperative Model for Charge Transport by Redox-Active Nonconjugated Polymers. Journal of the American Chemical Society, 2018, 140, 1049-1056.	6.6	130
12	Molecular Origin of the Glass Transition in Polyelectrolyte Assemblies. ACS Central Science, 2018, 4, 638-644.	5.3	100
13	pH, Nanosheet Concentration, and Antioxidant Affect the Oxidation of Ti₃C₂T_x and Ti₂CT_x MXene Dispersions. Advanced Materials Interfaces, 2020, 7, 2000845.	1.9	99
14	Polyaniline/Vanadium Pentoxide Layer-by-Layer Electrodes for Energy Storage. Chemistry of Materials, 2012, 24, 181-189.	3.2	97
15	Effect of the Layer-by-Layer (LbL) Deposition Method on the Surface Morphology and Wetting Behavior of Hydrophobically Modified PEO and PAA LbL Films. Langmuir, 2008, 24, 7995-8000.	1.6	95
16	Robust and Flexible Aramid Nanofiber/Graphene Layer-by-Layer Electrodes. ACS Applied Materials & Interfaces, 2017, 9, 17125-17135.	4.0	94
17	Effect of confinement on the bubble points of hydrocarbons in nanoporous media. AICHE Journal, 2016, 62, 1772-1780.	1.8	89
18	Process Safety Analysis for Ti₃C₂T_x MXene Synthesis and Processing. Industrial & Engineering Chemistry Research, 2019, 58, 1570-1579.	1.8	89

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19	Electrochemically Active Polymers for Electrochemical Energy Storage: Opportunities and Challenges. ACS Macro Letters, 2013, 2, 839-844.	2.3	86
20	Confinement-Induced Supercriticality and Phase Equilibria of Hydrocarbons in Nanopores. Langmuir, 2016, 32, 11506-11513.	1.6	85
21	Oxidatively stable polyaniline:polyacid electrodes for electrochemical energy storage. Physical Chemistry Chemical Physics, 2013, 15, 9654.	1.3	82
22	The influence of ionic strength and mixing ratio on the colloidal stability of PDAC/PSS polyelectrolyte complexes. Soft Matter, 2015, 11, 7392-7401.	1.2	79
23	Thermal Transitions in Dry and Hydrated Layer-by-Layer Assemblies Exhibiting Linear and Exponential Growth. ACS Nano, 2012, 6, 6174-6184.	7.3	77
24	Harnessing the Power of Plastics: Nanostructured Polymer Systems in Lithium-Ion Batteries. ACS Energy Letters, 2017, 2, 1919-1936.	8.8	77
25	A practical guide to quartz crystal microbalance with dissipation monitoring of thin polymer films. Journal of Polymer Science, 2022, 60, 1090-1107.	2.0	76
26	Thermochemical properties of free-standing electrostatic layer-by-layer assemblies containing poly(allylamine hydrochloride) and poly(acrylic acid). Soft Matter, 2010, 6, 3363.	1.2	74
27	Layer-by-Layer Assembly of Reduced Graphene Oxide and MXene Nanosheets for Wire-Shaped Flexible Supercapacitors. ACS Applied Materials & Interfaces, 2021, 13, 14068-14076.	4.0	74
28	Polyaniline nanofiber/electrochemically reduced graphene oxide layer-by-layer electrodes for electrochemical energy storage. Journal of Materials Chemistry A, 2015, 3, 3757-3767.	5.2	72
29	Role of Salt and Water in the Plasticization of PDAC/PSS Polyelectrolyte Assemblies. Journal of Physical Chemistry B, 2017, 121, 322-333.	1.2	72
30	High Modulus, Thermally Stable, and Self-Extinguishing Aramid Nanofiber Separators. ACS Applied Materials & Interfaces, 2020, 12, 25756-25766.	4.0	71
31	Anisotropic Structure and Transport in Self-Assembled Layered Polymerâ"Clay Nanocomposites. Langmuir, 2007, 23, 8515-8521.	1.6	70
32	High-Performance and Multifunctional Colorimetric Humidity Sensors Based on Mesoporous Photonic Crystals and Nanogels. ACS Applied Materials & Interfaces, 2018, 10, 41645-41654.	4.0	68
33	Highly Multifunctional Dopamine-Functionalized Reduced Graphene Oxide Supercapacitors. Matter, 2019, 1, 1532-1546.	5.0	66
34	Charge Storage in Polymer Acid-Doped Polyaniline-Based Layer-by-Layer Electrodes. ACS Applied Materials & Interfaces, 2013, 5, 10127-10136.	4.0	63
35	Effect of Water on the Thermal Transition Observed in Poly(allylamine hydrochloride)â€"Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Over	2.2	63
36	Use of differential scanning calorimetry to study phase behavior of hydrocarbon mixtures in nano-scale porous media. Journal of Petroleum Science and Engineering, 2018, 163, 731-738.	2.1	61

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37	Timeâ€“Temperature and Timeâ€“Water Superposition Principles Applied to Poly(allylamine)/Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /O	2.2	61
38	QCM-D Investigation of Swelling Behavior of Layer-by-Layer Thin Films upon Exposure to Monovalent Ions. Langmuir, 2018, 34, 999-1009.	1.6	60
39	Water-dispersible Ti3C2Tz MXene nanosheets by molten salt etching. IScience, 2021, 24, 103403.	1.9	60
40	Hydration and Temperature Response of Water Mobility in Poly(diallyldimethylammonium)â€“Poly(sodium 4-styrenesulfonate) Complexes. Macromolecules, 2018, 51, 8268-8277.	2.2	49
41	Annealed Ti₃C₂T_z MXene Films for Oxidation-Resistant Functional Coatings. ACS Applied Nano Materials, 2020, 3, 10578-10585.	2.4	49
42	Porous organic/inorganic hybrid one-dimensional photonic crystals for rapid visual detection of organic solvents. Journal of Materials Chemistry C, 2018, 6, 2704-2711.	2.7	48
43	A radical advance for conducting polymers. Science, 2018, 359, 1334-1335.	6.0	47
44	100th Anniversary of Macromolecular Science Viewpoint: Fundamentals for the Future of Macromolecular Nitroxide Radicals. ACS Macro Letters, 2020, 9, 358-370.	2.3	47
45	Porous polyaniline nanofiber/vanadium pentoxide layer-by-layer electrodes for energy storage. Journal of Materials Chemistry A, 2013, 1, 7648.	5.2	46
46	Thermal Transitions in Polyelectrolyte Assemblies Occur via a Dehydration Mechanism. ACS Macro Letters, 2015, 4, 1017-1021.	2.3	46
47	Electropolymerized Polythiophenes Bearing Pendant Nitroxide Radicals. ACS Macro Letters, 2016, 5, 337-341.	2.3	46
48	Corrosion behaviour of eco-friendly airbrushed reduced graphene oxide-poly(vinyl alcohol) coatings. Green Chemistry, 2018, 20, 506-514.	4.6	46
49	Solutionâ€Processable Thermally Crosslinked Organic Radical Polymer Battery Cathodes. ChemSusChem, 2020, 13, 2371-2378.	3.6	46
50	Unusual Internal Electron Transfer in Conjugated Radical Polymers. Angewandte Chemie - International Edition, 2017, 56, 9856-9859.	7.2	45
51	pH-Dependent Thermal Transitions in Hydrated Layer-by-Layer Assemblies Containing Weak Polyelectrolytes. Macromolecules, 2012, 45, 9169-9176.	2.2	44
52	Emerging trends in the dynamics of polyelectrolyte complexes. Physical Chemistry Chemical Physics, 2020, 22, 24157-24177.	1.3	41
53	Electrochemical Energy Storage in Poly(dithieno[3,2-b:2â€²,3â€²-d]pyrrole) Bearing Pendant Nitroxide Radicals. Chemistry of Materials, 2018, 30, 5169-5174.	3.2	40
54	Layer-by-Layer Assembly of Polyaniline Nanofibers and MXene Thin-Film Electrodes for Electrochemical Energy Storage. ACS Applied Materials & Interfaces, 2019, 11, 47929-47938.	4.0	38

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55	Aramid nanofiber-reinforced three-dimensional graphene hydrogels for supercapacitor electrodes. Journal of Colloid and Interface Science, 2020, 560, 581-588.	5.0	38
56	One-step hydrothermal synthesis of porous Ti₃C₂T_z MXene/rGO gels for supercapacitor applications. Nanoscale, 2021, 13, 16543-16553.	2.8	36
57	Confinement Effects on Cross-Linking within Electrostatic Layer-by-Layer Assemblies Containing Poly(allylamine hydrochloride) and Poly(acrylic acid). Macromolecules, 2010, 43, 9473-9479.	2.2	33
58	Tannic Acid as a Small-Molecule Binder for Silicon Anodes. ACS Applied Energy Materials, 2020, 3, 6985-6994.	2.5	33
59	A Comprehensive Study of Hydrolyzed Polyacrylamide as a Binder for Silicon Anodes. ACS Applied Materials & Interfaces, 2019, 11, 44090-44100.	4.0	32
60	Heating of Ti3C2Tx MXene/polymer composites in response to Radio Frequency fields. Scientific Reports, 2019, 9, 16489.	1.6	32
61	Highly Flexible Self-Assembled V2O5 Cathodes Enabled by Conducting Diblock Copolymers. Scientific Reports, 2015, 5, 14166.	1.6	31
62	Comparing water-mediated hydrogen-bonding in different polyelectrolyte complexes. Soft Matter, 2019, 15, 7823-7831.	1.2	31
63	Polyaniline nanofiber/vanadium pentoxide sprayed layer-by-layer electrodes for energy storage. Journal of Materials Chemistry A, 2014, 2, 14421-14428.	5.2	30
64	All nanoparticle-based P(MMAâ€“AA)/TiO₂ one-dimensional photonic crystal films with tunable structural colors. Journal of Materials Chemistry C, 2017, 5, 8266-8272.	2.7	30
65	Sprayable, paintable layer-by-layer polyaniline nanofiber/graphene electrodes. RSC Advances, 2015, 5, 14994-15001.	1.7	29
66	Spray-On Polyaniline/Poly(acrylic acid) Electrodes with Enhanced Electrochemical Stability. ACS Applied Materials & Interfaces, 2015, 7, 24150-24158.	4.0	29
67	Interfacial Engineering of Reduced Graphene Oxide for Aramid Nanofiberâ€Enabled Structural Supercapacitors. Batteries and Supercaps, 2019, 2, 464-472.	2.4	29
68	Molecular design principles for polymeric binders in silicon anodes. Molecular Systems Design and Engineering, 2020, 5, 709-724.	1.7	29
69	Polymer-clay nanocomposite coatings as efficient, environment-friendly surface pretreatments for aluminum alloy 2024-T3. Electrochimica Acta, 2018, 260, 73-81.	2.6	27
70	A novel pore-size-dependent equation of state for modeling fluid phase behavior in nanopores. Fluid Phase Equilibria, 2019, 498, 72-85.	1.4	27
71	Poly(fluorene-alt-naphthalene diimide) as n-Type Polymer Electrodes for Energy Storage. ACS Applied Polymer Materials, 2019, 1, 1155-1164.	2.0	27
72	Charge Storage in Decyl- and 3,6,9-Trioxadecyl-Substituted Poly(dithieno[3,2-b:2,3-d]pyrrole) Electrodes. Macromolecules, 2014, 47, 79-88.	2.2	26

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73	Conducting Block Copolymer Binders for Carbon-Free Hybrid Vanadium Pentoxide Cathodes with Enhanced Performance. ACS Applied Materials & Interfaces, 2016, 8, 28585-28591.	4.0	26
74	Layer-by-layer nanostructured supercapacitor electrodes consisting of ZnO nanoparticles and multi-walled carbon nanotubes. Journal of Materials Science, 2018, 53, 6719-6728.	1.7	26
75	Swelling and Thermal Transitions of Polyelectrolyte Multilayers in the Presence of Divalent Ions. Macromolecules, 2016, 49, 5921-5930.	2.2	25
76	Effect of Nanorod Aspect Ratio on Shear Thickening Electrolytes for Safety-Enhanced Batteries. ACS Applied Nano Materials, 2018, 1, 2774-2784.	2.4	24
77	pH-Response of polycation/Ti3C2Tx MXene layer-by-layer assemblies for use as resistive sensors. Molecular Systems Design and Engineering, 2020, 5, 366-375.	1.7	24
78	Experimental study of pore size distribution effect on phase transitions of hydrocarbons in nanoporous media. Fluid Phase Equilibria, 2019, 487, 8-15.	1.4	23
79	Carbon Nanotube/Reduced Graphene Oxide/Aramid Nanofiber Structural Supercapacitors. ACS Applied Energy Materials, 2020, 3, 11763-11771.	2.5	23
80	Fourier transform infrared spectroscopy investigation of water microenvironments in polyelectrolyte multilayers at varying temperatures. Soft Matter, 2020, 16, 2291-2300.	1.2	22
81	Experimental Study of Confinement Effect on Hydrocarbon Phase Behavior in Nano-Scale Porous Media Using Differential Scanning Calorimetry. , 2015, , .		21
82	Branched aramid nanofiber-polyaniline electrodes for structural energy storage. Nanoscale, 2020, 12, 16840-16850.	2.8	21
83	Unravelling kinetic and mass transport effects on two-electron storage in radical polymer batteries. Journal of Materials Chemistry A, 2021, 9, 13071-13079.	5.2	21
84	Oxidative Stability of Nb_{n+1}C_nT_z MXenes. Journal of Physical Chemistry C, 2021, 125, 13990-13996.	1.5	21
85	Synthesis and Electronic Applications of Particle-Templated Ti₃C₂T_zMXeneâ€“Polymer Films via Pickering Emulsion Polymerization. ACS Applied Materials & Interfaces, 2021, 13, 51556-51566.	4.0	21
86	Mixed electron-ion-water transfer in macromolecular radicals for metal-free aqueous batteries. Cell Reports Physical Science, 2021, 2, 100414.	2.8	20
87	Carbon Additive-Free Crumpled Ti₃C₂T_X MXene-Encapsulated Silicon Nanoparticle Anodes for Lithium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 10762-10773.	2.5	20
88	Multiscale Fluid-Phase-Behavior Simulation in Shale Reservoirs Using a Pore-Size-Dependent Equation of State. SPE Reservoir Evaluation and Engineering, 2018, 21, 806-820.	1.1	19
89	Sideâ€Chain Engineering for Highâ€Performance Conjugated Polymer Batteries. Advanced Functional Materials, 2021, 31, 2009263.	7.8	19
90	Electronic and Optical Property Control of Polycation/MXene Layer-by-Layer Assemblies with Chemically Diverse MXenes. Langmuir, 2021, 37, 11338-11350.	1.6	19

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91	Hydrogen-bonded polymer nanocomposites containing discrete layers of gold nanoparticles. Journal of Colloid and Interface Science, 2017, 485, 260-268.	5.0	18
92	Minimizing two-dimensional Ti₃C₂T_x MXene nanosheet loading in carbon-free silicon anodes. Nanoscale, 2020, 12, 20699-20709.	2.8	18
93	Structural reduced graphene oxide supercapacitors mechanically enhanced with tannic acid. Sustainable Energy and Fuels, 2020, 4, 2301-2308.	2.5	18
94	Metalâ€“polymer interface influences apparent electrical properties of nano-structured polyaniline films. Nanoscale, 2018, 10, 672-682.	2.8	17
95	Design of multifunctional supercapacitor electrodes using an informatics approach. Molecular Systems Design and Engineering, 2019, 4, 654-663.	1.7	17
96	Nitroxide Radical Polymerâ€“Solvent Interactions and Solubility Parameter Determination. Macromolecules, 2020, 53, 7997-8008.	2.2	17
97	Building up nanostructured layer-by-layer films combining reduced graphene oxide-manganese dioxide nanocomposite in supercapacitor electrodes. Thin Solid Films, 2021, 718, 138483.	0.8	17
98	Flocculation of MXenes and Their Use as 2D Particle Surfactants for Capsule Formation. Langmuir, 2021, 37, 2649-2657.	1.6	17
99	Structural Lithium-Ion Battery Cathodes and Anodes Based on Branched Aramid Nanofibers. ACS Applied Materials & Interfaces, 2021, 13, 34807-34817.	4.0	17
100	A Comparison of Thermal Transitions in Dip- and Spray-Assisted Layer-by-Layer Assemblies. Langmuir, 2013, 29, 8907-8913.	1.6	16
101	Thermal transitions in hydrated layer-by-layer assemblies observed using electrochemical impedance spectroscopy. Soft Matter, 2014, 10, 6467-6476.	1.2	16
102	The Role of Antioxidant Structure in Mitigating Oxidation in Ti₃C₂T_x and Ti₂CT_x MXenes. Advanced Materials Interfaces, 2022, 9, .	1.9	16
103	Unusual Internal Electron Transfer in Conjugated Radical Polymers. Angewandte Chemie, 2017, 129, 9988-9991.	1.6	15
104	Structural batteries take a load off. Science Robotics, 2020, 5, .	9.9	15
105	Comparison of Nanoarchitecture to Porous Media Diffusion Models in Reduced Graphene Oxide/Aramid Nanofiber Electrodes for Supercapacitors. ACS Nano, 2020, 14, 5314-5323.	7.3	15
106	Critical-Point-Dried, Porous, and Safer Aramid Nanofiber Separator for High-Performance Durable Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 29176-29187.	4.0	15
107	Temperature-triggered shape-transformations in layer-by-layer microtubes. Journal of Materials Chemistry B, 2014, 2, 2088-2092.	2.9	14
108	Lightweight Kevlarâ€Reinforced Graphene Oxide Architectures with High Strength for Energy Storage. Advanced Materials Interfaces, 2019, 6, 1900786.	1.9	14

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109	Flexible, self-standing and patternable P(MMA-BA)/TiO2 photonic crystals with tunable and bright structural colors. Dyes and Pigments, 2019, 160, 740-746.	2.0	14
110	Relaxation Times of Solid-like Polyelectrolyte Complexes of Varying pH and Water Content. Macromolecules, 2021, 54, 7765-7776.	2.2	14
111	Conformal Layer-by-Layer Assembly of Ti₃C₂T_z MXene-Only Thin Films for Optoelectronics and Energy Storage. Chemistry of Materials, 2022, 34, 4884-4895.	3.2	14
112	Quantifying internal charge transfer and mixed ion-electron transfer in conjugated radical polymers. Chemical Science, 2020, 11, 9962-9970.	3.7	13
113	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
114	Tailored Network Formation in Graphene Oxide Gels. Langmuir, 2018, 34, 8550-8559.	1.6	12
115	The effect of nanoscale architecture on ionic diffusion in rGo/aramid nanofiber structural electrodes. Journal of Applied Physics, 2019, 125, .	1.1	12
116	A Diverse View of Science to Catalyse Change. Journal of the American Chemical Society, 2020, 142, 14393-14396.	6.6	12
117	Fabrication and Electrochemical Performance of Structured Mesoscale Open Shell V₂O₅ Networks. Langmuir, 2017, 33, 5975-5981.	1.6	11
118	Spray-On Polymer-Clay Multilayers as a Superior Anticorrosion Metal Pretreatment. Macromolecular Materials and Engineering, 2017, 302, 1600552.	1.7	11
119	Chemiresistive and Chemicapacitive Devices Formed via Morphology Control of Electroconductive Bioâ€nanocomposites. Advanced Electronic Materials, 2018, 4, 1700495.	2.6	11
120	Sprayâ€On Reduced Graphene Oxideâ€Poly(vinyl alcohol) Supercapacitors for Flexible Energy and Power. Advanced Materials Interfaces, 2018, 5, 1801237.	1.9	11
121	Effect of Ethanol and Urea as Solvent Additives on PSSâ€“PDADMA Polyelectrolyte Complexation. Macromolecules, 2022, 55, 3140-3150.	2.2	11
122	Micromechanics modeling of the elastic moduli of rGO/ANF nanocomposites. Acta Mechanica, 2019, 230, 265-280.	1.1	10
123	Reversibly pH-Responsive Nanoporous Layer-by-Layer Microtubes. ACS Macro Letters, 2015, 4, 353-356.	2.3	9
124	Comparison of KBr and NaCl effects on the glass transition temperature of hydrated layer-by-layer assemblies. Journal of Chemical Physics, 2018, 149, 163317.	1.2	9
125	Fabrication, characterization and micromechanics modeling of the electrical conductivity of reduced graphene oxide/aramid nanofiber nanocomposites. Smart Materials and Structures, 2019, 28, 094001.	1.8	9
126	Regioregularity and Molecular Weight Effects in Redox-Active Poly(3-hexylthiophene)-block-poly(ethylene oxide) Electrode Binders. ACS Applied Energy Materials, 2018, 1, 5919-5927.	2.5	7

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127	Self-Doped Conjugated Polymeric Binders Improve the Capacity and Mechanical Properties of V2O5 Cathodes. Polymers, 2019, 11, 589.	2.0	7
128	Layer-by-Layer Assembly and Electrochemical Study of Alizarin Red S-Based Thin Films. Polymers, 2019, 11, 165.	2.0	7
129	A Framework for Incorporating Nanopores in Compositional Simulation to Model the Unusually High GOR Observed in Shale Reservoirs. , 2019, , .		7
130	Layer-by-layer assembly of polymers and anisotropic nanomaterials using spray-based approach. Journal of Materials Research, 2020, 35, 1163-1172.	1.2	7
131	Effect of assembly condition on the morphologies and temperature-triggered transformation of layer-by-layer microtubes. Korean Journal of Chemical Engineering, 2018, 35, 263-271.	1.2	5
132	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
133	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
134	Real time quantification of mixed ion and electron transfer associated with the doping of poly(3-hexylthiophene). Journal of Materials Chemistry C, 2022, 10, 7251-7262.	2.7	5
135	Quantification of Waterâ€“Ion Pair Interactions in Polyelectrolyte Multilayers Using a Quartz Crystal Microbalance Method. ACS Polymers Au, 2022, 2, 287-298.	1.7	5
136	Ionic Effect on Electrochemical Behavior of Water-Soluble Radical Polyelectrolytes. Macromolecules, 2022, 55, 5733-5743.	2.2	5
137	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
138	Layer-by-Layer Nanoarchitectonics of Electrochemically Active Thin Films Comprised of Radical-Containing Polymers. Journal of the Electrochemical Society, 2022, 169, 020510.	1.3	4
139	Anion Identity and Time Scale Affect the Cation Insertion Energy Storage Mechanism in Ti₃C₂T_x MXene Multilayers. ACS Energy Letters, 2022, 7, 1828-1834.	8.8	4
140	Ceramic Electrolytes Get â€œToughâ€•on Lithium Metal Batteries. Matter, 2020, 3, 14-15.	5.0	3
141	A novel and practical framework for incorporating nanopores in existing compositional simulators to model the unusually high GOR observed in shale reservoirs. Journal of Petroleum Science and Engineering, 2020, 195, 107887.	2.1	3
142	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
143	Multifunctional efficiency metric for structural supercapacitors. Multifunctional Materials, 2020, 3, 044002.	2.4	3
144	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2

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145	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
146	Compositional Simulation of Cyclic Gas Injection in Liquid-Rich Shale Reservoirs Using Existing Simulators with a Framework for Incorporating Nanopores. , 2020, , .		2
147	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
148	Experimental determination of the compressive piezoresistive response of a free-standing film with application to reduced graphene oxide. Journal of Applied Physics, 2022, 131, .	1.1	2
149	ACS Applied Polymer Materials: A New Journal for Applied Polymer Research. ACS Applied Polymer Materials, 2019, 1, 1-2.	2.0	1
150	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
151	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
152	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
153	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
154	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
155	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
156	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
157	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
158	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
159	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
160	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
161	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
162	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1

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163	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
164	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
165	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
166	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
167	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
168	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
169	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
170	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
171	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
172	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
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