

Jodie L Lutkenhaus

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140
papers

4,278
citations

37
h-index

60
g-index

269
ext. papers

5,439
ext. citations

7.5
avg, IF

6.25
L-index

#	Paper	IF	Citations
140	Experimental determination of the compressive piezoresistive response of a free-standing film with application to reduced graphene oxide. <i>Journal of Applied Physics</i> , 2022 , 131, 035105	2.5	1
139	Layer-by-Layer Nanoarchitectonics of Electrochemically Active Thin Films Comprised of Radical-Containing Polymers. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 020510	3.9	1
138	Effect of Ethanol and Urea as Solvent Additives on PSS-PDADMA Polyelectrolyte Complexation.. <i>Macromolecules</i> , 2022 , 55, 3140-3150	5.5	0
137	Anion Identity and Time Scale Affect the Cation Insertion Energy Storage Mechanism in Ti3C2Tx MXene Multilayers. <i>ACS Energy Letters</i> , 2022 , 7, 1828-1834	20.1	0
136	Water-dispersible Ti3C2Tz MXene nanosheets by molten salt etching. <i>IScience</i> , 2021 , 24, 103403	6.1	4
135	Synthesis and Electronic Applications of Particle-Templated TiCT MXene-Polymer Films via Pickering Emulsion Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 51556-51566	9.5	2
134	Carbon Additive-Free Crumpled Ti3C2TX MXene-Encapsulated Silicon Nanoparticle Anodes for Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021 , 4, 10762-10773	6.1	2
133	Mixed electron-ion-water transfer in macromolecular radicals for metal-free aqueous batteries. <i>Cell Reports Physical Science</i> , 2021 , 2, 100414	6.1	5
132	Polypeptide organic radical batteries. <i>Nature</i> , 2021 , 593, 61-66	50.4	53
131	Oxidative Stability of Nbn+1CnTz MXenes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 13990-13996	3.8	7
130	Building up nanostructured layer-by-layer films combining reduced graphene oxide-manganese dioxide nanocomposite in supercapacitor electrodes. <i>Thin Solid Films</i> , 2021 , 718, 138483	2.2	4
129	Unravelling kinetic and mass transport effects on two-electron storage in radical polymer batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 13071-13079	13	8
128	One-step hydrothermal synthesis of porous TiCT MXene/rGO gels for supercapacitor applications. <i>Nanoscale</i> , 2021 , 13, 16543-16553	7.7	9
127	Side-Chain Engineering for High-Performance Conjugated Polymer Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2009263	15.6	10
126	Flocculation of MXenes and Their Use as 2D Particle Surfactants for Capsule Formation. <i>Langmuir</i> , 2021 , 37, 2649-2657	4	4
125	Layer-by-Layer Assembly of Reduced Graphene Oxide and MXene Nanosheets for Wire-Shaped Flexible Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14068-14076	9.5	23
124	Structural Lithium-Ion Battery Cathodes and Anodes Based on Branched Aramid Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34807-34817	9.5	2

123	Relaxation Times of Solid-like Polyelectrolyte Complexes of Varying pH and Water Content. <i>Macromolecules</i> , 2021 , 54, 7765-7776	5.5	5
122	Electronic and Optical Property Control of Polycation/MXene Layer-by-Layer Assemblies with Chemically Diverse MXenes. <i>Langmuir</i> , 2021 , 37, 11338-11350	4	6
121	High Modulus, Thermally Stable, and Self-Extinguishing Aramid Nanofiber Separators. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25756-25766	9.5	32
120	Tannic Acid as a Small-Molecule Binder for Silicon Anodes. <i>ACS Applied Energy Materials</i> , 2020 , 3, 6985-6994	9.4	15
119	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6131-6133	5.6	
118	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2496-2498	4.3	
117	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020 , 39, 2331-2333	3.8	
116	Layer-by-layer assembly of polymers and anisotropic nanomaterials using spray-based approach. <i>Journal of Materials Research</i> , 2020 , 35, 1163-1172	2.5	3
115	Comparison of Nanoarchitecture to Porous Media Diffusion Models in Reduced Graphene Oxide/Aramid Nanofiber Electrodes for Supercapacitors. <i>ACS Nano</i> , 2020 , 14, 5314-5323	16.7	8
114	Update to Our Reader, Reviewer, and Author Communities April 2020. <i>Energy & Fuels</i> , 2020 , 34, 5107-5108	4.1	
113	Structural reduced graphene oxide supercapacitors mechanically enhanced with tannic acid. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 2301-2308	5.8	9
112	100th Anniversary of Macromolecular Science Viewpoint: Fundamentals for the Future of Macromolecular Nitroxide Radicals. <i>ACS Macro Letters</i> , 2020 , 9, 358-370	6.6	24
111	Molecular design principles for polymeric binders in silicon anodes. <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 709-724	4.6	12
110	Solution-Processable Thermally Crosslinked Organic Radical Polymer Battery Cathodes. <i>ChemSusChem</i> , 2020 , 13, 2371-2378	8.3	24
109	Update to Our Reader, Reviewer, and Author Communities April 2020. <i>Organometallics</i> , 2020 , 39, 1665-1666	6.6	
108	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020 , 27, 198-200	1.7	
107	Fourier transform infrared spectroscopy investigation of water microenvironments in polyelectrolyte multilayers at varying temperatures. <i>Soft Matter</i> , 2020 , 16, 2291-2300	3.6	14
106	Aramid nanofiber-reinforced three-dimensional graphene hydrogels for supercapacitor electrodes. <i>Journal of Colloid and Interface Science</i> , 2020 , 560, 581-588	9.3	27

105	pH-Response of polycation/Ti ₃ C ₂ T _x MXene layer-by-layer assemblies for use as resistive sensors. <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 366-375	4.6	18
104	Ceramic Electrolytes Get Tough on Lithium Metal Batteries. <i>Matter</i> , 2020 , 3, 14-15	12.7	1
103	Emerging trends in the dynamics of polyelectrolyte complexes. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 24157-24177	3.6	11
102	A novel and practical framework for incorporating nanopores in existing compositional simulators to model the unusually high GOR observed in shale reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 195, 107887	4.4	3
101	Annealed Ti ₃ C ₂ T _z MXene Films for Oxidation-Resistant Functional Coatings. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10578-10585	5.6	11
100	Carbon Nanotube/Reduced Graphene Oxide/Aramid Nanofiber Structural Supercapacitors. <i>ACS Applied Energy Materials</i> , 2020 , 3, 11763-11771	6.1	9
99	Branched aramid nanofiber-polyaniline electrodes for structural energy storage. <i>Nanoscale</i> , 2020 , 12, 16840-16850	7.7	15
98	Nitroxide Radical Polymer-Solvent Interactions and Solubility Parameter Determination. <i>Macromolecules</i> , 2020 , 53, 7997-8008	5.5	8
97	Quantifying internal charge transfer and mixed ion-electron transfer in conjugated radical polymers. <i>Chemical Science</i> , 2020 , 11, 9962-9970	9.4	7
96	Minimizing two-dimensional TiCT MXene nanosheet loading in carbon-free silicon anodes. <i>Nanoscale</i> , 2020 , 12, 20699-20709	7.7	8
95	pH, Nanosheet Concentration, and Antioxidant Affect the Oxidation of Ti ₃ C ₂ T _x and Ti ₂ CT _x MXene Dispersions. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000845	4.6	31
94	Compositional Simulation of Cyclic Gas Injection in Liquid-Rich Shale Reservoirs Using Existing Simulators with a Framework for Incorporating Nanopores 2020 ,		2
93	Structural batteries take a load off. <i>Science Robotics</i> , 2020 , 5,	18.6	8
92	Multifunctional efficiency metric for structural supercapacitors. <i>Multifunctional Materials</i> , 2020 , 3, 044002	5.2	1
91	Comparing water-mediated hydrogen-bonding in different polyelectrolyte complexes. <i>Soft Matter</i> , 2019 , 15, 7823-7831	3.6	17
90	Interfacial Engineering of Reduced Graphene Oxide for Aramid Nanofiber-Enabled Structural Supercapacitors. <i>Batteries and Supercaps</i> , 2019 , 2, 464-472	5.6	20
89	Layer-by-Layer Assembly and Electrochemical Study of Alizarin Red S-Based Thin Films. <i>Polymers</i> , 2019 , 11,	4.5	5
88	Antioxidants Unlock Shelf-Stable Ti ₃ C ₂ T (MXene) Nanosheet Dispersions. <i>Matter</i> , 2019 , 1, 513-526	12.7	210

87	A novel pore-size-dependent equation of state for modeling fluid phase behavior in nanopores. <i>Fluid Phase Equilibria</i> , 2019 , 498, 72-85	2.5	17
86	The effect of nanoscale architecture on ionic diffusion in rGo/aramid nanofiber structural electrodes. <i>Journal of Applied Physics</i> , 2019 , 125, 185106	2.5	7
85	Poly(fluorene-alt-naphthalene diimide) as n-Type Polymer Electrodes for Energy Storage. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1155-1164	4.3	16
84	Time-Temperature and Time-Water Superposition Principles Applied to Poly(allylamine)/Poly(acrylic acid) Complexes. <i>Macromolecules</i> , 2019 , 52, 3066-3074	5.5	39
83	Design of multifunctional supercapacitor electrodes using an informatics approach. <i>Molecular Systems Design and Engineering</i> , 2019 , 4, 654-663	4.6	9
82	A Framework for Incorporating Nanopores in Compositional Simulation to Model the Unusually High GOR Observed in Shale Reservoirs 2019 ,		4
81	Oxidation stability of Ti ₃ C ₂ T _x MXene nanosheets in solvents and composite films. <i>Npj 2D Materials and Applications</i> , 2019 , 3,	8.8	162
80	Self-Doped Conjugated Polymeric Binders Improve the Capacity and Mechanical Properties of V ₂ O ₅ Cathodes. <i>Polymers</i> , 2019 , 11,	4.5	5
79	Fabrication, characterization and micromechanics modeling of the electrical conductivity of reduced graphene oxide/aramid nanofiber nanocomposites. <i>Smart Materials and Structures</i> , 2019 , 28, 094001	3.4	6
78	A Comprehensive Study of Hydrolyzed Polyacrylamide as a Binder for Silicon Anodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44090-44100	9.5	14
77	Heating of Ti ₃ C ₂ MXene/polymer composites in response to Radio Frequency fields. <i>Scientific Reports</i> , 2019 , 9, 16489	4.9	23
76	Highly Multifunctional Dopamine-Functionalized Reduced Graphene Oxide Supercapacitors. <i>Matter</i> , 2019 , 1, 1532-1546	12.7	45
75	Lightweight Kevlar-Reinforced Graphene Oxide Architectures with High Strength for Energy Storage. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900786	4.6	8
74	Layer-by-Layer Assembly of Polyaniline Nanofibers and MXene Thin-Film Electrodes for Electrochemical Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 47929-47938	9.5	20
73	Flexible, self-standing and patternable P(MMA-BA)/TiO ₂ photonic crystals with tunable and bright structural colors. <i>Dyes and Pigments</i> , 2019 , 160, 740-746	4.6	7
72	Micromechanics modeling of the elastic moduli of rGO/ANF nanocomposites. <i>Acta Mechanica</i> , 2019 , 230, 265-280	2.1	8
71	Experimental study of pore size distribution effect on phase transitions of hydrocarbons in nanoporous media. <i>Fluid Phase Equilibria</i> , 2019 , 487, 8-15	2.5	14
70	Real-time insight into the doping mechanism of redox-active organic radical polymers. <i>Nature Materials</i> , 2019 , 18, 69-75	27	88

69	Water Sorption in MXene/Polyelectrolyte Multilayers for Ultrafast Humidity Sensing. <i>ACS Applied Nano Materials</i> , 2019 , 2, 948-955	5.6	99
68	Process Safety Analysis for Ti3C2Tx MXene Synthesis and Processing. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 1570-1579	3.9	44
67	Surface-agnostic highly stretchable and bendable conductive MXene multilayers. <i>Science Advances</i> , 2018 , 4, eaaq0118	14.3	157
66	Molecular Origin of the Glass Transition in Polyelectrolyte Assemblies. <i>ACS Central Science</i> , 2018 , 4, 638-648	6.4	74
65	Layer-by-layer nanostructured supercapacitor electrodes consisting of ZnO nanoparticles and multi-walled carbon nanotubes. <i>Journal of Materials Science</i> , 2018 , 53, 6719-6728	4.3	23
64	Porous organic/inorganic hybrid one-dimensional photonic crystals for rapid visual detection of organic solvents. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2704-2711	7.1	29
63	Effect of assembly condition on the morphologies and temperature-triggered transformation of layer-by-layer microtubes. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 263-271	2.8	4
62	Diffusion-Cooperative Model for Charge Transport by Redox-Active Nonconjugated Polymers. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1049-1056	16.4	77
61	Chemiresistive and Chemicapacitive Devices Formed via Morphology Control of Electroconductive Bio-nanocomposites. <i>Advanced Electronic Materials</i> , 2018 , 4, 1700495	6.4	10
60	Corrosion behaviour of eco-friendly airbrushed reduced graphene oxide-poly(vinyl alcohol) coatings. <i>Green Chemistry</i> , 2018 , 20, 506-514	10	37
59	A radical advance for conducting polymers. <i>Science</i> , 2018 , 359, 1334-1335	33.3	28
58	Use of differential scanning calorimetry to study phase behavior of hydrocarbon mixtures in nano-scale porous media. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 163, 731-738	4.4	45
57	Tailored Network Formation in Graphene Oxide Gels. <i>Langmuir</i> , 2018 , 34, 8550-8559	4	10
56	Comparison of KBr and NaCl effects on the glass transition temperature of hydrated layer-by-layer assemblies. <i>Journal of Chemical Physics</i> , 2018 , 149, 163317	3.9	6
55	Metal-polymer interface influences apparent electrical properties of nano-structured polyaniline films. <i>Nanoscale</i> , 2018 , 10, 672-682	7.7	14
54	QCM-D Investigation of Swelling Behavior of Layer-by-Layer Thin Films upon Exposure to Monovalent Ions. <i>Langmuir</i> , 2018 , 34, 999-1009	4	40
53	Polymer-clay nanocomposite coatings as efficient, environment-friendly surface pretreatments for aluminum alloy 2024-T3. <i>Electrochimica Acta</i> , 2018 , 260, 73-81	6.7	18
52	Multiscale Fluid-Phase-Behavior Simulation in Shale Reservoirs Using a Pore-Size-Dependent Equation of State. <i>SPE Reservoir Evaluation and Engineering</i> , 2018 , 21, 806-820	2.3	15

51	High-Performance and Multifunctional Colorimetric Humidity Sensors Based on Mesoporous Photonic Crystals and Nanogels. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41645-41654	9.5	47
50	Hydration and Temperature Response of Water Mobility in Poly(diallyldimethylammonium)-Poly(sodium 4-styrenesulfonate) Complexes. <i>Macromolecules</i> , 2018 , 51, 8268-8277	5.5	28
49	Spray-On Reduced Graphene Oxide-Poly(vinyl alcohol) Supercapacitors for Flexible Energy and Power. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1801237	4.6	5
48	Regioregularity and Molecular Weight Effects in Redox-Active Poly(3-hexylthiophene)-block-poly(ethylene oxide) Electrode Binders. <i>ACS Applied Energy Materials</i> , 2018 , 1, 5919-5927	6.1	3
47	Effect of Nanorod Aspect Ratio on Shear Thickening Electrolytes for Safety-Enhanced Batteries. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2774-2784	5.6	16
46	Electrochemical Energy Storage in Poly(dithieno[3,2-b:2',3'-d]pyrrole) Bearing Pendant Nitroxide Radicals. <i>Chemistry of Materials</i> , 2018 , 30, 5169-5174	9.6	28
45	Fabrication and Electrochemical Performance of Structured Mesoscale Open Shell VO Networks. <i>Langmuir</i> , 2017 , 33, 5975-5981	4	8
44	Robust and Flexible Aramid Nanofiber/Graphene Layer-by-Layer Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17125-17135	9.5	67
43	Unusual Internal Electron Transfer in Conjugated Radical Polymers. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9856-9859	16.4	35
42	Spray-On Polymer/Clay Multilayers as a Superior Anticorrosion Metal Pretreatment. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1600552	3.9	8
41	Role of Salt and Water in the Plasticization of PDAC/PSS Polyelectrolyte Assemblies. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 322-333	3.4	56
40	Harnessing the Power of Plastics: Nanostructured Polymer Systems in Lithium-Ion Batteries. <i>ACS Energy Letters</i> , 2017 , 2, 1919-1936	20.1	60
39	All nanoparticle-based P(MMA/AA)/TiO ₂ one-dimensional photonic crystal films with tunable structural colors. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8266-8272	7.1	24
38	High-Throughput Nanomanufacturing via Spray Processes 2017 , 101-131		1
37	Unusual Internal Electron Transfer in Conjugated Radical Polymers. <i>Angewandte Chemie</i> , 2017 , 129, 9988-9991	11	11
36	Mechanically Strong Graphene/Aramid Nanofiber Composite Electrodes for Structural Energy and Power. <i>ACS Nano</i> , 2017 , 11, 6682-6690	16.7	130
35	Hydrogen-bonded polymer nanocomposites containing discrete layers of gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017 , 485, 260-268	9.3	14
34	Confinement-Induced Supercriticality and Phase Equilibria of Hydrocarbons in Nanopores. <i>Langmuir</i> , 2016 , 32, 11506-11513	4	63

33	Effect of confinement on the bubble points of hydrocarbons in nanoporous media. <i>AIChE Journal</i> , 2016 , 62, 1772-1780	3.6	74
32	Electropolymerized Polythiophenes Bearing Pendant Nitroxide Radicals. <i>ACS Macro Letters</i> , 2016 , 5, 337-341	6.6	37
31	Effect of Water on the Thermal Transition Observed in Poly(allylamine hydrochloride)/Poly(acrylic acid) Complexes. <i>Macromolecules</i> , 2016 , 49, 7563-7570	5.5	54
30	Conducting Block Copolymer Binders for Carbon-Free Hybrid Vanadium Pentoxide Cathodes with Enhanced Performance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28585-28591	9.5	18
29	Swelling and Thermal Transitions of Polyelectrolyte Multilayers in the Presence of Divalent Ions. <i>Macromolecules</i> , 2016 , 49, 5921-5930	5.5	20
28	Reversibly pH-Responsive Nanoporous Layer-by-Layer Microtubes. <i>ACS Macro Letters</i> , 2015 , 4, 353-356	6.6	9
27	The influence of ionic strength and mixing ratio on the colloidal stability of PDAC/PSS polyelectrolyte complexes. <i>Soft Matter</i> , 2015 , 11, 7392-401	3.6	59
26	Spray-On Polyaniline/Poly(acrylic acid) Electrodes with Enhanced Electrochemical Stability. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24150-8	9.5	22
25	Thermal Transitions in Polyelectrolyte Assemblies Occur via a Dehydration Mechanism. <i>ACS Macro Letters</i> , 2015 , 4, 1017-1021	6.6	40
24	Polyaniline nanofiber/electrochemically reduced graphene oxide layer-by-layer electrodes for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3757-3767	13	65
23	Highly Flexible Self-Assembled V ₂ O ₅ Cathodes Enabled by Conducting Diblock Copolymers. <i>Scientific Reports</i> , 2015 , 5, 14166	4.9	25
22	Experimental Study of Confinement Effect on Hydrocarbon Phase Behavior in Nano-Scale Porous Media Using Differential Scanning Calorimetry 2015 ,		16
21	Sprayable, paintable layer-by-layer polyaniline nanofiber/graphene electrodes. <i>RSC Advances</i> , 2015 , 5, 14994-15001	3.7	27
20	Charge Storage in Decyl- and 3,6,9-Trioxadecyl-Substituted Poly(dithieno[3,2-b:2,3-d]pyrrole) Electrodes. <i>Macromolecules</i> , 2014 , 47, 79-88	5.5	23
19	Thermal transitions in hydrated layer-by-layer assemblies observed using electrochemical impedance spectroscopy. <i>Soft Matter</i> , 2014 , 10, 6467-76	3.6	15
18	Temperature-triggered shape-transformations in layer-by-layer microtubes. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 2088-2092	7.3	13
17	Polyaniline nanofiber/vanadium pentoxide sprayed layer-by-layer electrodes for energy storage. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14421-14428	13	28
16	Charge storage in polymer acid-doped polyaniline-based layer-by-layer electrodes. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 10127-36	9.5	56

15	Electrochemically Active Polymers for Electrochemical Energy Storage: Opportunities and Challenges. <i>ACS Macro Letters</i> , 2013 , 2, 839-844	6.6	74
14	Porous polyaniline nanofiber/vanadium pentoxide layer-by-layer electrodes for energy storage. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7648	13	44
13	Recent advances in conjugated polymer energy storage. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013 , 51, 468-480	2.6	139
12	Oxidatively stable polyaniline:polyacid electrodes for electrochemical energy storage. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 9654-62	3.6	72
11	A comparison of thermal transitions in dip- and spray-assisted layer-by-layer assemblies. <i>Langmuir</i> , 2013 , 29, 8907-13	4	13
10	Thermal transitions in dry and hydrated layer-by-layer assemblies exhibiting linear and exponential growth. <i>ACS Nano</i> , 2012 , 6, 6174-84	16.7	70
9	pH-Dependent Thermal Transitions in Hydrated Layer-by-Layer Assemblies Containing Weak Polyelectrolytes. <i>Macromolecules</i> , 2012 , 45, 9169-9176	5.5	35
8	Polyaniline/Vanadium Pentoxide Layer-by-Layer Electrodes for Energy Storage. <i>Chemistry of Materials</i> , 2012 , 24, 181-189	9.6	94
7	Confinement Effects on Cross-Linking within Electrostatic Layer-by-Layer Assemblies Containing Poly(allylamine hydrochloride) and Poly(acrylic acid). <i>Macromolecules</i> , 2010 , 43, 9473-9479	5.5	28
6	Confinement Effects on Crystallization and Curie Transitions of Poly(vinylidene fluoride-co-trifluoroethylene). <i>Macromolecules</i> , 2010 , 43, 3844-3850	5.5	135
5	Thermochemical properties of free-standing electrostatic layer-by-layer assemblies containing poly(allylamine hydrochloride) and poly(acrylic acid). <i>Soft Matter</i> , 2010 , 6, 3363	3.6	65
4	Effect of the layer-by-layer (LbL) deposition method on the surface morphology and wetting behavior of hydrophobically modified PEO and PAA LbL films. <i>Langmuir</i> , 2008 , 24, 7995-8000	4	80
3	Anisotropic structure and transport in self-assembled layered polymer-clay nanocomposites. <i>Langmuir</i> , 2007 , 23, 8515-21	4	62
2	Elastomeric flexible free-standing hydrogen-bonded nanoscale assemblies. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17228-34	16.4	203
1	A practical guide to quartz crystal microbalance with dissipation monitoring of thin polymer films. <i>Journal of Polymer Science</i> ,	2.4	6