

Gaoquan Shi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Suppressing the Self-Discharge of Supercapacitors by Modifying Separators with an Ionic Polyelectrolyte. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701547.	3.7	42
2	Trace Level Co-N Doped Graphite Foams as High-Performance Self-Standing Electrocatalytic Electrodes for Hydrogen and Oxygen Evolution. <i>ACS Catalysis</i> , 2018, 8, 4637-4644.	11.2	53
3	Chemical Approach to Ultrastiff, Strong, and Environmentally Stable Graphene Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5812-5818.	8.0	20
4	Robust graphene composite films for multifunctional electrochemical capacitors with an ultrawide range of areal mass loading toward high-rate frequency response and ultrahigh specific capacitance. <i>Energy and Environmental Science</i> , 2018, 11, 559-565.	30.8	119
5	Flexible in-plane graphene oxide moisture-electric converter for touchless interactive panel. <i>Nano Energy</i> , 2018, 45, 37-43.	16.0	96
6	Hydrogen Evolution Reaction in Alkaline Media: Alpha- or Beta-Nickel Hydroxide on the Surface of Platinum?. <i>ACS Energy Letters</i> , 2018, 3, 237-244.	17.4	230
7	Graphene-Based Standalone Solar Energy Converter for Water Desalination and Purification. <i>ACS Nano</i> , 2018, 12, 829-835.	14.6	519
8	Transparent Polymeric Strain Sensors for Monitoring Vital Signs and Beyond. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3895-3901.	8.0	85
9	A Large-Scale Graphene-Bimetal Film Electrode with an Ultrahigh Mass Catalytic Activity for Durable Water Splitting. <i>Advanced Energy Materials</i> , 2018, 8, 1800403.	19.5	29
10	A lead-free two-dimensional perovskite for a high-performance flexible photoconductor and a light-stimulated synaptic device. <i>Nanoscale</i> , 2018, 10, 6837-6843.	5.6	146
11	Tailoring the oxygenated groups of graphene hydrogels for high-performance supercapacitors with large areal mass loadings. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6587-6594.	10.3	54
12	Interface-mediated hygroelectric generator with an output voltage approaching 1.5 volts. <i>Nature Communications</i> , 2018, 9, 4166.	12.8	208
13	Spontaneous power source in ambient air of a well-directionally reduced graphene oxide bulk. <i>Energy and Environmental Science</i> , 2018, 11, 2839-2845.	30.8	144
14	Inhibiting the growth of lithium dendrites at high current densities with oriented graphene foam. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15603-15609.	10.3	25
15	Fibrous strain sensor with ultra-sensitivity, wide sensing range, and large linearity for full-range detection of human motion. <i>Nanoscale</i> , 2018, 10, 17512-17519.	5.6	46
16	High-quality graphene films and nitrogen-doped organogels prepared from the organic dispersions of graphene oxide. <i>Carbon</i> , 2018, 129, 15-20.	10.3	18
17	Cobalt disulfide/graphite foam composite films as self-standing electrocatalytic electrodes for overall water splitting. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4821-4826.	2.8	42
18	Two-Dimensional Materials for Halide Perovskite-Based Optoelectronic Devices. <i>Advanced Materials</i> , 2017, 29, 1605448.	21.0	284

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19	High-performance gas sensors based on a thiocyanate ion-doped organometal halide perovskite. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12876-12881.	2.8	78
20	NiFe Alloy Protected Silicon Photoanode for Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1601805.	19.5	109
21	Ultrahigh-Conductivity Polymer Hydrogels with Arbitrary Structures. <i>Advanced Materials</i> , 2017, 29, 1700974.	21.0	290
22	Graphene-Based Organic Electrochemical Capacitors for AC Line Filtering. <i>Advanced Energy Materials</i> , 2017, 7, 1700591.	19.5	64
23	A Solution-Processed High-Performance Phototransistor based on a Perovskite Composite with Chemically Modified Graphenes. <i>Advanced Materials</i> , 2017, 29, 1606175.	21.0	80
24	Pyridinic nitrogen-rich carbon nanocapsules from a bioinspired polydopamine derivative for highly efficient electrocatalytic oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 519-523.	10.3	24
25	A small graphene oxide sheet/polyvinylidene fluoride bilayer actuator with large and rapid responses to multiple stimuli. <i>Nanoscale</i> , 2017, 9, 17465-17470.	5.6	65
26	Highly Efficient Moisture-Triggered Nanogenerator Based on Graphene Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38170-38175.	8.0	96
27	Size Fractionation of Graphene Oxide Nanosheets via Controlled Directional Freezing. <i>Journal of the American Chemical Society</i> , 2017, 139, 12517-12523.	13.7	52
28	Self-Healing Graphene Oxide Based Functional Architectures Triggered by Moisture. <i>Advanced Functional Materials</i> , 2017, 27, 1703096.	14.9	94
29	Topological Design of Ultrastrong and Highly Conductive Graphene Films. <i>Advanced Materials</i> , 2017, 29, 1702831.	21.0	108
30	Graphene oxide induced hydrothermal carbonization of egg proteins for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17040-17047.	10.3	74
31	Organic dispersions of graphene oxide with arbitrary concentrations and improved chemical stability. <i>Chemical Communications</i> , 2017, 53, 11005-11007.	4.1	20
32	Graphene-based smart materials. <i>Nature Reviews Materials</i> , 2017, 2, .	48.7	569
33	Graphene-based electrochemical capacitors with integrated high-performance. <i>Materials Today Energy</i> , 2017, 6, 181-188.	4.7	40
34	Nitrogen-enriched polydopamine analogue-derived defect-rich porous carbon as a bifunctional metal-free electrocatalyst for highly efficient overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17064-17072.	10.3	66
35	Graphene-Based Functional Architectures: Sheets Regulation and Macrostructure Construction toward Actuators and Power Generators. <i>Accounts of Chemical Research</i> , 2017, 50, 1663-1671.	15.6	92
36	An ultrasensitive moisture driven actuator based on small flakes of graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 418-422.	7.8	36

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37	Highly Conductive Stretchable Electrodes Prepared by In Situ Reduction of Wavy Graphene Oxide Films Coated on Elastic Tapes. <i>Advanced Electronic Materials</i> , 2016, 2, 1600022.	5.1	40
38	N,P-codoped Carbon Networks as Efficient Metal-free Bifunctional Catalysts for Oxygen Reduction and Hydrogen Evolution Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2230-2234.	13.8	748
39	A Flexible UV-Vis-NIR Photodetector based on a Perovskite/Conjugated Polymer Composite. <i>Advanced Materials</i> , 2016, 28, 5969-5974.	21.0	329
40	An ultrahigh-rate electrochemical capacitor based on solution-processed highly conductive PEDOT:PSS films for AC line-filtering. <i>Energy and Environmental Science</i> , 2016, 9, 2005-2010.	30.8	142
41	Versatile Graphene Oxide Putty-Like Material. <i>Advanced Materials</i> , 2016, 28, 10287-10292.	21.0	68
42	Highly Exfoliated Reduced Graphite Oxide Powders as Efficient Lubricant Oil Additives. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600700.	3.7	59
43	Reduced Graphene Oxide Membranes for Ultrafast Organic Solvent Nanofiltration. <i>Advanced Materials</i> , 2016, 28, 8669-8674.	21.0	349
44	High-Performance Strain Sensors with Fish-Scale-Like Graphene-Sensing Layers for Full-Range Detection of Human Motions. <i>ACS Nano</i> , 2016, 10, 7901-7906.	14.6	500
45	Solution-Processed Graphene Composite Films as Freestanding Platinum-free Counter Electrodes for Bendable Dye Sensitized Solar Cells. <i>Chinese Journal of Chemistry</i> , 2016, 34, 59-66.	4.9	8
46	A high-performance current collector-free flexible in-plane micro-supercapacitor based on a highly conductive reduced graphene oxide film. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16213-16218.	10.3	86
47	One Single Graphene Oxide Film for Responsive Actuation. <i>ACS Nano</i> , 2016, 10, 9529-9535.	14.6	151
48	Nitrogen-Doped Holey Graphene Film-Based Ultrafast Electrochemical Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20741-20747.	8.0	79
49	Oriented Graphene Foam with Tunable Wettability by Electrocapillary for Switchable and Ultrafast Imbibition. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600774.	3.7	6
50	Solution-Processed Ultraelastic and Strong Air-Bubbled Graphene Foams. <i>Small</i> , 2016, 12, 3229-3234.	10.0	83
51	Base-Induced Liquid Crystals of Graphene Oxide for Preparing Elastic Graphene Foams with Long-Range Ordered Microstructures. <i>Advanced Materials</i> , 2016, 28, 1623-1629.	21.0	193
52	Nitrogen and Sulfur Codoped Graphite Foam as a Self-Supported Metal-free Electrocatalytic Electrode for Water Oxidation. <i>Advanced Energy Materials</i> , 2016, 6, 1501492.	19.5	153
53	N,P-codoped Carbon Networks as Efficient Metal-free Bifunctional Catalysts for Oxygen Reduction and Hydrogen Evolution Reactions. <i>Angewandte Chemie</i> , 2016, 128, 2270-2274.	2.0	224
54	Special Issue of "Graphene". <i>Chinese Journal of Chemistry</i> , 2016, 34, 5-5.	4.9	0

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55	Mildly reduced less defective graphene oxide/sulfur/carbon nanotube composite films for high-performance lithium-sulfur batteries. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11104-11110.	2.8	30
56	Conducting Polymer-Based Catalysts. <i>Journal of the American Chemical Society</i> , 2016, 138, 2868-2876.	13.7	165
57	Water-enhanced oxidation of graphite to graphene oxide with controlled species of oxygenated groups. <i>Chemical Science</i> , 2016, 7, 1874-1881.	7.4	251
58	Graphene Oxide Membranes with Tunable Semipermeability in Organic Solvents. <i>Advanced Materials</i> , 2015, 27, 3797-3802.	21.0	192
59	Multifunctional Pristine Chemically Modified Graphene Films as Strong as Stainless Steel. <i>Advanced Materials</i> , 2015, 27, 6708-6713.	21.0	157
60	Self-Assembled Three-Dimensional Graphene Macrostructures: Synthesis and Applications in Supercapacitors. <i>Accounts of Chemical Research</i> , 2015, 48, 1666-1675.	15.6	441
61	Flexible graphene devices related to energy conversion and storage. <i>Energy and Environmental Science</i> , 2015, 8, 790-823.	30.8	328
62	A high-performance three-dimensional Ni-Fe layered double hydroxide/graphene electrode for water oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6921-6928.	10.3	291
63	A graphene oxide/oxygen deficient molybdenum oxide nanosheet bilayer as a hole transport layer for efficient polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18380-18383.	10.3	28
64	A General Route to Robust Nacre-Like Graphene Oxide Films. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15010-15016.	8.0	48
65	Graphene-Based Membranes for Molecular Separation. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2806-2815.	4.6	316
66	A graphene wrapped hair-derived carbon/sulfur composite for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9609-9615.	10.3	109
67	Size Fractionation of Graphene Oxide Sheets via Filtration through Track-Etched Membranes. <i>Advanced Materials</i> , 2015, 27, 3654-3660.	21.0	149
68	Shape-Tailorable Graphene-Based Ultra-High-Rate Supercapacitor for Wearable Electronics. <i>ACS Nano</i> , 2015, 9, 5636-5645.	14.6	127
69	Pottery of Porous Graphene Materials. <i>Advanced Electronic Materials</i> , 2015, 1, 1500004.	5.1	15
70	High-Quality Graphene Ribbons Prepared from Graphene Oxide Hydrogels and Their Application for Strain Sensors. <i>ACS Nano</i> , 2015, 9, 12320-12326.	14.6	148
71	An introduction to the chemistry of graphene. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28484-28504.	2.8	127
72	High-yield preparation of graphene oxide from small graphite flakes via an improved Hummers method with a simple purification process. <i>Carbon</i> , 2015, 81, 826-834.	10.3	443

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73	High-performance and flexible electrochemical capacitors based on graphene/polymer composite films. <i>Journal of Materials Chemistry A</i> , 2014, 2, 968-974.	10.3	79
74	Graphitic Carbon Nitride Nanoribbons: Graphene-Assisted Formation and Synergic Function for Highly Efficient Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13934-13939.	13.8	470
75	Performance enhancement of a graphene-sulfur composite as a lithium-sulfur battery electrode by coating with an ultrathin Al ₂ O ₃ film via atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7360.	10.3	135
76	Ultrasensitive and Selective Nitrogen Dioxide Sensor Based on Self-Assembled Graphene/Polymer Composite Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17003-17008.	8.0	153
77	A high-performance platinum electrocatalyst loaded on a graphene hydrogel for high-rate methanol oxidation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10142.	2.8	32
78	Three-dimensional porous graphene/polyaniline composites for high-rate electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17489-17494.	10.3	138
79	Ultratough, Ultrastrong, and Highly Conductive Graphene Films with Arbitrary Sizes. <i>Advanced Materials</i> , 2014, 26, 7588-7592.	21.0	182
80	Functional graphene nanomesh foam. <i>Energy and Environmental Science</i> , 2014, 7, 1913.	30.8	206
81	Functional Gels Based on Chemically Modified Graphenes. <i>Advanced Materials</i> , 2014, 26, 3992-4012.	21.0	276
82	High-Performance NO ₂ Sensors Based on Chemically Modified Graphene. <i>Advanced Materials</i> , 2013, 25, 766-771.	21.0	404
83	Graphene-based gas sensors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10078.	10.3	938
84	An improved Hummers method for eco-friendly synthesis of graphene oxide. <i>Carbon</i> , 2013, 64, 225-229.	10.3	1,785
85	Composite organogels of graphene and activated carbon for electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9196.	10.3	60
86	Graphene/polymer composites for energy applications. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 231-253.	2.1	222
87	Graphene Materials for Electrochemical Capacitors. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1244-1253.	4.6	288
88	All-Graphene Core-Sheath Microfibers for All-Solid-State, Stretchable Fibriform Supercapacitors and Wearable Electronic Textiles. <i>Advanced Materials</i> , 2013, 25, 2326-2331.	21.0	1,007
89	A high-performance flexible fibre-shaped electrochemical capacitor based on electrochemically reduced graphene oxide. <i>Chemical Communications</i> , 2013, 49, 291-293.	4.1	272
90	A Versatile, Ultralight, Nitrogen-Doped Graphene Framework. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11371-11375.	13.8	731

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91	Graphene based catalysts. <i>Energy and Environmental Science</i> , 2012, 5, 8848.	30.8	726
92	Electrosynthesis of graphene oxide/polypyrrole composite films and their applications for sensing organic vapors. <i>Journal of Materials Chemistry</i> , 2012, 22, 8438.	6.7	59
93	Synthesis of CaCO ₃ /graphene composite crystals for ultra-strong structural materials. <i>RSC Advances</i> , 2012, 2, 2154.	3.6	40
94	Ultrahigh-rate supercapacitors based on electrochemically reduced graphene oxide for air line-filtering. <i>Scientific Reports</i> , 2012, 2, 247.	3.3	559
95	Nanoporous nitrogen doped carbon modified graphene as electrocatalyst for oxygen reduction reaction. <i>Journal of Materials Chemistry</i> , 2012, 22, 12810.	6.7	138
96	Graphene Hydrogels Deposited in Nickel Foams for High-Rate Electrochemical Capacitors. <i>Advanced Materials</i> , 2012, 24, 4569-4573.	21.0	409
97	Dry adhesion of polythiophene nanotube arrays with drag-induced direction dependence. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4047-4053.	2.6	5
98	Load-tolerant, highly strain-responsive graphene sheets. <i>Journal of Materials Chemistry</i> , 2011, 21, 2057.	6.7	55
99	Disassembly-driven colorimetric and fluorescent sensor for anionic surfactants in water based on a conjugated polyelectrolyte/dye complex. <i>Soft Matter</i> , 2011, 7, 6873.	2.7	25
100	Highly conductive and flexible mesoporous graphitic films prepared by graphitizing the composites of graphene oxide and nanodiamond. <i>Journal of Materials Chemistry</i> , 2011, 21, 7154.	6.7	85
101	Highly conductive chemically converted graphene prepared from mildly oxidized graphene oxide. <i>Journal of Materials Chemistry</i> , 2011, 21, 7376.	6.7	187
102	Size Fractionation of Graphene Oxide Sheets by pH-Assisted Selective Sedimentation. <i>Journal of the American Chemical Society</i> , 2011, 133, 6338-6342.	13.7	293
103	Graphene based new energy materials. <i>Energy and Environmental Science</i> , 2011, 4, 1113.	30.8	1,789
104	Electrochemical deposition of polyaniline nanosheets mediated by sulfonated polyaniline functionalized graphenes. <i>Journal of Materials Chemistry</i> , 2011, 21, 13978.	6.7	51
105	On the Gelation of Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5545-5551.	3.1	603
106	Assembly of chemically modified graphene: methods and applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 3311-3323.	6.7	250
107	Graphene oxide/conducting polymer composite hydrogels. <i>Journal of Materials Chemistry</i> , 2011, 21, 18653.	6.7	283
108	Preparation of Highly Conductive Graphene Hydrogels for Fabricating Supercapacitors with High Rate Capability. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17206-17212.	3.1	683

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109	Functional Composite Materials Based on Chemically Converted Graphene. <i>Advanced Materials</i> , 2011, 23, 1089-1115.	21.0	973
110	Functional Composite Materials Based on Chemically Converted Graphene (<i>Adv. Mater.</i> 9/2011). <i>Advanced Materials</i> , 2011, 23, 1088-1088.	21.0	13
111	Electrically conductive and mechanically strong biomimetic chitosan/reduced graphene oxide composite films. <i>Journal of Materials Chemistry</i> , 2010, 20, 9032.	6.7	231
112	Preparation of Gold Nanoparticle/Graphene Composites with Controlled Weight Contents and Their Application in Biosensors. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1822-1826.	3.1	389
113	Self-Assembled Graphene Hydrogel via a One-Step Hydrothermal Process. <i>ACS Nano</i> , 2010, 4, 4324-4330.	14.6	2,999
114	Three-Dimensional Self-Assembly of Graphene Oxide and DNA into Multifunctional Hydrogels. <i>ACS Nano</i> , 2010, 4, 7358-7362.	14.6	788
115	Supercapacitors Based on Flexible Graphene/Polyaniline Nanofiber Composite Films. <i>ACS Nano</i> , 2010, 4, 1963-1970.	14.6	2,100
116	Electrosynthesis of oligo(methoxyl pyrene) for turn-on fluorescence detection of volatile aromatic compounds. <i>Journal of Materials Chemistry</i> , 2010, 20, 2993.	6.7	23
117	Facile fabrication of silver/polypyrrole composites by the modified silver mirror reaction. <i>Journal of Materials Science</i> , 2009, 44, 3002-3005.	3.7	11
118	Self-assembly of insulated molecular wires of a watersoluble cationic PPV and anionic dendrons. <i>Science Bulletin</i> , 2009, 54, 2451-2456.	1.7	3
119	Flexible Sandwich Photodetectors Based on Thick Polythiophene Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7411-7415.	3.1	13
120	Polypyrrole actuators with inverse opal structures. <i>Journal of Materials Chemistry</i> , 2009, 19, 1653.	6.7	36
121	Chemically Converted Graphene Induced Molecular Flattening of 5,10,15,20-Tetrakis(1-methyl-4-pyridinio)porphyrin and Its Application for Optical Detection of Cadmium(II) Ions. <i>Journal of the American Chemical Society</i> , 2009, 131, 13490-13497.	13.7	497
122	Electrochemical Fabrication of Superhydrophobic Surfaces on Metal and Semiconductor Substrates. <i>Journal of Adhesion Science and Technology</i> , 2008, 22, 1819-1839.	2.6	15
123	Novel route to pure and composite fibers of polypyrrole. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1490-1494.	2.6	24
124	Memory devices based on organic electric bistable materials. <i>Science Bulletin</i> , 2007, 52, 2017-2023.	1.7	5
125	Raman spectroscopic study on the structural changes of polyaniline during heating and cooling processes. <i>Journal of Applied Polymer Science</i> , 2005, 96, 732-739.	2.6	75
126	Glucose oxidase electrodes based on microstructured polypyrrole films. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2550-2554.	2.6	29

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127	Theoretical and experimental studies on the Raman spectra of electrosynthesized polynaphthalene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 241-251.	2.1	12
128	Fabrication of gold nanocrystal-coated polypyrrole nanotubules. <i>Journal of Materials Chemistry</i> , 2005, 15, 859.	6.7	33
129	Synthesis of a carboxyl-containing conducting oligomer and non-covalent sidewall functionalization of single-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2005, 15, 1833.	6.7	28
130	Hollow microstructures of polypyrrole doped by poly(styrene sulfonic acid). <i>Journal of Polymer Science Part A</i> , 2004, 42, 3170-3177.	2.3	90
131	High-quality poly[2-methoxy-5-(2-ethylhexyloxy)-p-phenylenevinylene] synthesized by a solid-liquid two-phase reaction: Characterizations and electroluminescence properties. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3049-3054.	2.3	21
132	Doping level change of polyaniline film during its electrochemical growth process. <i>Journal of Applied Polymer Science</i> , 2004, 92, 171-177.	2.6	38
133	Electrochemical polymerization of 7-naphthalene sulfonic acid. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1939-1944.	2.6	2
134	Electrochemical polymerization of toluene in the mixed electrolytes of boron trifluoride diethyl etherate and trifluoroacetic acid. <i>Journal of Applied Polymer Science</i> , 2004, 93, 189-195.	2.6	13
135	Synthesis and physical properties of laterally fluorinated liquid crystals containing 1,3,2-dioxaborinane and cyclohexyl units. <i>Liquid Crystals</i> , 2004, 31, 1151-1158.	2.2	16
136	Electrochemical fabrication of polythiophene film coated metallic nanowire arrays. <i>Journal of Materials Science</i> , 2003, 38, 2423-2427.	3.7	27
137	Template-free electrosynthesis of aligned poly(p-phenylene) microtubules. <i>Science Bulletin</i> , 2003, 48, 434-436.	1.7	40
138	Poly(3-chlorothiophene) films prepared by the direct electrochemical oxidation of 3-chlorothiophene in mixed electrolytes of boron trifluoride diethyl etherate and sulfuric acid. <i>Journal of Applied Polymer Science</i> , 2003, 87, 502-509.	2.6	21
139	Polymer precursor to diamondlike carbon prepared by the polymerization of 1,1,1-trichlorotoluene and acetonitrile. <i>Journal of Applied Polymer Science</i> , 2003, 89, 16-23.	2.6	1
140	Raman spectroscopic studies on the structural changes of electrosynthesized polypyrrole films during heating and cooling processes. <i>Journal of Applied Polymer Science</i> , 2003, 89, 3390-3395.	2.6	24
141	Proton-conducting gel polyelectrolytes based on Lewis acid. <i>Journal of Applied Polymer Science</i> , 2003, 90, 1267-1272.	2.6	4
142	Novel route to poly(p-phenylene vinylene) polymers. <i>Journal of Polymer Science Part A</i> , 2003, 41, 449-455.	2.3	9
143	Fabrication of highly hydrophobic surfaces of conductive polythiophene. <i>Journal of Materials Chemistry</i> , 2003, 13, 2858.	6.7	37
144	Electrochemical Growth of Polypyrrole Microcontainers. <i>Macromolecules</i> , 2003, 36, 1063-1067.	4.8	234

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145	A two-dimensional Raman spectroscopic study on the structural changes of a polythiophene film during the cooling process. <i>Journal of Chemical Physics</i> , 2003, 119, 11415-11419.	3.0	12
146	Electrochemical fabrication of aligned microtubular heterojunctions of poly(p-phenylene) and polythiophene. <i>Journal of Materials Chemistry</i> , 2002, 12, 2331-2333.	6.7	74
147	Raman Spectroscopic and Electrochemical Studies on the Doping Level Changes of Polythiophene Films during Their Electrochemical Growth Processes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 288-292.	2.6	111
148	Doping level change of polythiophene film during its electrochemical growth process. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2685-2690.	2.8	40
149	Raman spectroscopic studies on the structural changes of poly(3-methylthiophene) during heating and cooling processes. <i>Science Bulletin</i> , 2002, 47, 1791-1793.	9.0	1
150	Electrochemical Polymerization of Thianaphthene in Mixed Electrolytes of Boron Trifluoride Diethyl Etherate and Trifluoroacetic Acid. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 2385-2390.	2.2	28
151	Electrosynthesis of free-standing poly(para-phenylene) films in mixed electrolytes of boron trifluoride diethyl etherate and trifluoroacetic acid on stainless steel electrode. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2462-2466.	2.6	23
152	Carbonaceous materials prepared from carbon tetrachloride and dimethyl sulfoxide. <i>Journal of Applied Polymer Science</i> , 2002, 85, 785-791.	2.6	1
153	Polymerization of chlorofluorocarbon-22 and acetonitrile. <i>Journal of Applied Polymer Science</i> , 2001, 81, 116-120.	2.6	3