Chun Li

List of Publications by Year in Descending Order

195 papers	26,360 citations	73 h-index	161 g-index
204 ext. papers	28,690 ext. citations	9.9 avg, IF	7.43 L-index

#	Paper	IF	Citations
195	Graphene Ionogel Ultra-Fast Filter Supercapacitor with 4 V Workable Window and 150 °C Operable Temperature.. *Small*, **2022**, e2200916	11	2
194	Bilayer of polyelectrolyte films for spontaneous power generation in air up to an integrated 1,000 V output. *Nature Nanotechnology*, **2021**, 16, 811-819	28.7	44
193	Thebaine is Selectively Demethylated by Thebaine 6--Demethylase and Codeine-3--demethylase at Distinct Binding Sites: A Computational Study. *Inorganic Chemistry*, **2021**, 60, 10199-10214	5.1	0
192	Host-Guest Intercalation Chemistry in MXenes and Its Implications for Practical Applications. *ACS Nano*, **2021**, 15, 15502-15537	16.7	12
191	Conjugated Polyelectrolyte Based Colorimetric Array for the Discrimination of Primary Amino Acids. *ChemistrySelect*, **2020**, 5, 5400-5403	1.8	2
190	An intelligent film actuator with multi-level deformation behaviour. *Nanoscale Horizons*, **2020**, 5, 1226-1232	10.8	5
189	Maximization of Spatial Charge Density: An Approach to Ultrahigh Energy Density of Capacitive Charge Storage. *Angewandte Chemie*, **2020**, 132, 14649-14657	3.6	14
188	Maximization of Spatial Charge Density: An Approach to Ultrahigh Energy Density of Capacitive Charge Storage. *Angewandte Chemie - International Edition*, **2020**, 59, 14541-14549	16.4	34
187	Transparent, self-healing, arbitrary tailorable moist-electric film generator. *Nano Energy*, **2020**, 67, 104238	17.1	24
186	Graphene oxide in aqueous and nonaqueous media: Dispersion behaviour and solution chemistry. *Carbon*, **2020**, 158, 568-579	10.4	28
185	PEDOT: Fundamentals and Its Nanocomposites for Energy Storage. *Chinese Journal of Polymer Science (English Edition)*, **2020**, 38, 435-448	3.5	21
184	Pristine Titanium Carbide MXene Films with Environmentally Stable Conductivity and Superior Mechanical Strength. *Advanced Functional Materials*, **2020**, 30, 1906996	15.6	70
183	Highly Efficient Clean Water Production from Contaminated Air with a Wide Humidity Range. *Advanced Materials*, **2020**, 32, e1905875	24	58
182	Biomimetic Antigravity Water Transport and Remote Harvesting Powered by Sunlight. *Global Challenges*, **2020**, 4, 2000043	4.3	1
181	Pristine Titanium Carbide MXene Hydrogel Matrix. *ACS Nano*, **2020**, 14, 10471-10479	16.7	40
180	Interface-enhanced distillation beyond tradition based on well-arranged graphene membrane. *Science China Materials*, **2020**, 63, 1948-1956	7.1	5
179	Preparation of anisotropic conductive graphene aerogel/polydimethylsiloxane composites as LEGO modulars. *European Polymer Journal*, **2019**, 112, 487-492	5.2	6

178	Efficient room-temperature production of high-quality graphene by introducing removable oxygen functional groups to the precursor. *Chemical Science*, **2019**, 10, 1244-1253	9.4	32
177	Chemically modified graphene films with tunable negative Poisson's ratios. *Nature Communications*, **2019**, 10, 2446	17.4	27
176	All-region-applicable, continuous power supply of graphene oxide composite. *Energy and Environmental Science*, **2019**, 12, 1848-1856	35.4	53
175	2D perovskite microsheets for high-performance photodetectors. *Journal of Materials Chemistry C*, **2019**, 7, 5353-5358	7.1	35
174	Plant leaves inspired sunlight-driven purifier for high-efficiency clean water production. *Nature Communications*, **2019**, 10, 1512	17.4	93
173	Highly Ordered Graphene Solid: An Efficient Platform for Capacitive Sodium-Ion Storage with Ultrahigh Volumetric Capacity and Superior Rate Capability. *ACS Nano*, **2019**, 13, 9161-9170	16.7	31
172	Arbitrary waveform AC line filtering applicable to hundreds of volts based on aqueous electrochemical capacitors. *Nature Communications*, **2019**, 10, 2855	17.4	37
171	Biomimetic Graphite Foils with High Foldability and Conductivity. *Small Methods*, **2019**, 3, 1800282	12.8	1
170	Suppressing the Self-Discharge of Supercapacitors by Modifying Separators with an Ionic Polyelectrolyte. *Advanced Materials Interfaces*, **2018**, 5, 1701547	4.6	22
169	Trace Level Co□N Doped Graphite Foams as High-Performance Self-Standing Electrocatalytic Electrodes for Hydrogen and Oxygen Evolution. *ACS Catalysis*, **2018**, 8, 4637-4644	13.1	42
168	High throughput of clean water excluding ions, organic media, and bacteria from defect-abundant graphene aerogel under sunlight. *Nano Energy*, **2018**, 46, 415-422	17.1	111
167	Chemical Approach to Ultrastiff, Strong, and Environmentally Stable Graphene Films. *ACS Applied Materials & Interfaces*, **2018**, 10, 5812-5818	9.5	12
166	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. *Energy and Environmental Science*, **2018**, 11, 559-565	35.4	82
165	Hydrogen Evolution Reaction in Alkaline Media: Alpha- or Beta-Nickel Hydroxide on the Surface of Platinum?. *ACS Energy Letters*, **2018**, 3, 237-244	20.1	148
164	Transparent Polymeric Strain Sensors for Monitoring Vital Signs and Beyond. *ACS Applied Materials & Interfaces*, **2018**, 10, 3895-3901	9.5	61
163	A Large-Scale Graphene□Bimetal Film Electrode with an Ultrahigh Mass Catalytic Activity for Durable Water Splitting. *Advanced Energy Materials*, **2018**, 8, 1800403	21.8	24
162	A lead-free two-dimensional perovskite for a high-performance flexible photoconductor and a light-stimulated synaptic device. *Nanoscale*, **2018**, 10, 6837-6843	7.7	99
161	Tailoring the oxygenated groups of graphene hydrogels for high-performance supercapacitors with large areal mass loadings. *Journal of Materials Chemistry A*, **2018**, 6, 6587-6594	13	39

160	Solution electrochemical approach to functionalized graphene: History, progress and challenges. *Carbon*, **2018**, 140, 41-56	10.4	28
159	Fibrous strain sensor with ultra-sensitivity, wide sensing range, and large linearity for full-range detection of human motion. *Nanoscale*, **2018**, 10, 17512-17519	7.7	32
158	High-quality graphene films and nitrogen-doped organogels prepared from the organic dispersions of graphene oxide. *Carbon*, **2018**, 129, 15-20	10.4	11
157	Titelbild: A Microstructured Graphene/Poly(N-isopropylacrylamide) Membrane for Intelligent Solar Water Evaporation (Angew. Chem. 50/2018). *Angewandte Chemie*, **2018**, 130, 16471-16471	3.6	
156	Sunlight-Driven Water Transport via a Reconfigurable Pump. *Angewandte Chemie - International Edition*, **2018**, 57, 15435-15440	16.4	18
155	Sunlight-Driven Water Transport via a Reconfigurable Pump. *Angewandte Chemie*, **2018**, 130, 15661-15666	3.6	9
154	A Microstructured Graphene/Poly(N-isopropylacrylamide) Membrane for Intelligent Solar Water Evaporation. *Angewandte Chemie - International Edition*, **2018**, 57, 16343-16347	16.4	80
153	A Microstructured Graphene/Poly(N-isopropylacrylamide) Membrane for Intelligent Solar Water Evaporation. *Angewandte Chemie*, **2018**, 130, 16581-16585	3.6	5
152	Enhanced stability and separation efficiency of graphene oxide membranes in organic solvent nanofiltration. *Journal of Materials Chemistry A*, **2018**, 6, 19563-19569	13	49
151	Structural integrity versus lateral size: Enhancing graphene-based film materials by reducing planar defects rather than flake boundary. *Carbon*, **2018**, 139, 216-225	10.4	13
150	Ultrahigh-Conductivity Polymer Hydrogels with Arbitrary Structures. *Advanced Materials*, **2017**, 29, 1700274	21	199
149	Graphene-Based Organic Electrochemical Capacitors for AC Line Filtering. *Advanced Energy Materials*, **2017**, 7, 1700591	21.8	46
148	Intrinsic mechanical properties of graphene oxide films: Strain characterization and the gripping effects. *Carbon*, **2017**, 118, 467-474	10.4	9
147	A small graphene oxide sheet/polyvinylidene fluoride bilayer actuator with large and rapid responses to multiple stimuli. *Nanoscale*, **2017**, 9, 17465-17470	7.7	49
146	Graphene membranes with tuneable nanochannels by intercalating self-assembled porphyrin molecules for organic solvent nanofiltration. *Carbon*, **2017**, 124, 263-270	10.4	33
145	Topological Design of Ultrastrong and Highly Conductive Graphene Films. *Advanced Materials*, **2017**, 29, 1702831	24	82
144	Graphene oxide induced hydrothermal carbonization of egg proteins for high-performance supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 17040-17047	13	53
143	Organic dispersions of graphene oxide with arbitrary concentrations and improved chemical stability. *Chemical Communications*, **2017**, 53, 11005-11007	5.8	16

142	Graphene-based electrochemical capacitors with integrated high-performance. *Materials Today Energy*, **2017**, 6, 181-188	7	28
141	A high-performance current collector-free flexible in-plane micro-supercapacitor based on a highly conductive reduced graphene oxide film. *Journal of Materials Chemistry A*, **2016**, 4, 16213-16218	13	70
140	Synthesis of octahedral, truncated octahedral, and cubic Rh2Ni nanocrystals and their structure-activity relationship for the decomposition of hydrazine in aqueous solution to hydrogen. *Nanoscale*, **2016**, 8, 7043-55	7.7	18
139	Water-enhanced oxidation of graphite to graphene oxide with controlled species of oxygenated groups. *Chemical Science*, **2016**, 7, 1874-1881	9.4	198
138	An ultrahigh-rate electrochemical capacitor based on solution-processed highly conductive PEDOT:PSS films for AC line-filtering. *Energy and Environmental Science*, **2016**, 9, 2005-2010	35.4	114
137	Synthesis of graphene oxide sheets with controlled sizes from sieved graphite flakes. *Carbon*, **2016**, 110, 34-40	10.4	58
136	A General Route to Robust Nacre-Like Graphene Oxide Films. *ACS Applied Materials & Interfaces*, **2015**, 7, 15010-6	9.5	39
135	Porphyrin-based graphene oxide frameworks with ultra-large d-spacings for the electrocatalyzation of oxygen reduction reaction. *Physical Chemistry Chemical Physics*, **2015**, 17, 19538-45	3.6	32
134	Graphene-Based Membranes for Molecular Separation. *Journal of Physical Chemistry Letters*, **2015**, 6, 2806-15	6.4	267
133	A graphene wrapped hair-derived carbon/sulfur composite for lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2015**, 3, 9609-9615	13	96
132	Effects of Cl adatom on Na-Decorated graphene. *Journal Physics D: Applied Physics*, **2015**, 48, 225304	3	3
131	Size Fractionation of Graphene Oxide Sheets via Filtration through Track-Etched Membranes. *Advanced Materials*, **2015**, 27, 3654-60	24	126
130	Pottery of Porous Graphene Materials. *Advanced Electronic Materials*, **2015**, 1, 1500004	6.4	10
129	High-Quality Graphene Ribbons Prepared from Graphene Oxide Hydrogels and Their Application for Strain Sensors. *ACS Nano*, **2015**, 9, 12320-6	16.7	116
128	Ultralight free-standing reduced graphene oxide membranes for oil-in-water emulsion separation. *Journal of Materials Chemistry A*, **2015**, 3, 20113-20117	13	87
127	Li9V3(P2O7)3(PO4)2 nanotubes fabricated by a simple molten salt approach with excellent cycling stability and enhanced rate capability in lithium-ion batteries. *RSC Advances*, **2015**, 5, 243-247	3.7	8
126	High-yield preparation of graphene oxide from small graphite flakes via an improved Hummers method with a simple purification process. *Carbon*, **2015**, 81, 826-834	10.4	337
125	Multifunctional Pristine Chemically Modified Graphene Films as Strong as Stainless Steel. *Advanced Materials*, **2015**, 27, 6708-13	24	128

124	Dual-protection of a graphene-sulfur composite by a compact graphene skin and an atomic layer deposited oxide coating for a lithium-sulfur battery. *Nanoscale*, **2015**, 7, 5292-8	7.7	96
123	Highly compressible macroporous graphene monoliths via an improved hydrothermal process. *Advanced Materials*, **2014**, 26, 4789-93	24	306
122	High-performance and flexible electrochemical capacitors based on graphene/polymer composite films. *Journal of Materials Chemistry A*, **2014**, 2, 968-974	13	75
121	Solution-processed PEDOT:PSS/graphene composites as the electrocatalyst for oxygen reduction reaction. *ACS Applied Materials & Interfaces*, **2014**, 6, 3587-93	9.5	97
120	Carbon nanotube-based fluorescence sensors. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2014**, 19, 20-34	16.4	52
119	Performance enhancement of a graphene□ulfur composite as a lithium□ulfur battery electrode by coating with an ultrathin Al2O3 film via atomic layer deposition. *Journal of Materials Chemistry A*, **2014**, 2, 7360	13	120
118	Monodisperse amorphous CuB23 alloy short nanotubes: novel efficient catalysts for Heck coupling of inactivated alkyl halides and alkenes. *RSC Advances*, **2014**, 4, 45838-45843	3.7	11
117	An alumina stabilized ZnO-graphene anode for lithium ion batteries via atomic layer deposition. *Nanoscale*, **2014**, 6, 11419-24	7.7	132
116	A high-performance platinum electrocatalyst loaded on a graphene hydrogel for high-rate methanol oxidation. *Physical Chemistry Chemical Physics*, **2014**, 16, 10142-8	3.6	27
115	Three-dimensional porous graphene/polyaniline composites for high-rate electrochemical capacitors. *Journal of Materials Chemistry A*, **2014**, 2, 17489-17494	13	120
114	Mesoporous Co□□ nanowires: superior catalysts for decomposition of hydrous hydrazine to generate hydrogen. *Catalysis Science and Technology*, **2014**, 4, 3168	5.5	34
113	Ultratough, ultrastrong, and highly conductive graphene films with arbitrary sizes. *Advanced Materials*, **2014**, 26, 7588-92	24	157
112	Functional gels based on chemically modified graphenes. *Advanced Materials*, **2014**, 26, 3992-4012	24	248
111	The edge- and basal-plane-specific electrochemistry of a single-layer graphene sheet. *Scientific Reports*, **2013**, 3, 2248	4.9	367
110	High-performance NO2 sensors based on chemically modified graphene. *Advanced Materials*, **2013**, 25, 766-71	24	360
109	An improved Hummers method for eco-friendly synthesis of graphene oxide. *Carbon*, **2013**, 64, 225-229	10.4	1313
108	Composite organogels of graphene and activated carbon for electrochemical capacitors. *Journal of Materials Chemistry A*, **2013**, 1, 9196	13	58
107	Bifunctional graphene/□Fe□□hybrid aerogels with double nanocrystalline networks for enzyme immobilization. *Small*, **2013**, 9, 2331-40	11	111

106	Graphene Materials for Electrochemical Capacitors. *Journal of Physical Chemistry Letters*, **2013**, 4, 1244-53	6.4	249
105	Strong composite films with layered structures prepared by casting silk fibroin-graphene oxide hydrogels. *Nanoscale*, **2013**, 5, 3780-6	7.7	140
104	Large scale preparation of graphene quantum dots from graphite with tunable fluorescence properties. *Physical Chemistry Chemical Physics*, **2013**, 15, 9907-13	3.6	216
103	Polythiophene-based optical sensors for small molecules. *ACS Applied Materials & Interfaces*, **2013**, 5, 4503-10	9.5	71
102	Aryl-modified graphene quantum dots with enhanced photoluminescence and improved pH tolerance. *Nanoscale*, **2013**, 5, 7361-7	7.7	80
101	Solution-processable graphene nanomeshes with controlled pore structures. *Scientific Reports*, **2013**, 3, 1996	4.9	77
100	Three-dimensional graphene architectures. *Nanoscale*, **2012**, 4, 5549-63	7.7	689
99	Graphene based catalysts. *Energy and Environmental Science*, **2012**, 5, 8848	35.4	642
98	Synthesis of gold@carbon dots composite nanoparticles for surface enhanced Raman scattering. *Physical Chemistry Chemical Physics*, **2012**, 14, 7360-6	3.6	132
97	A turn-on fluorescent sensor for pyrophosphate based on the disassembly of Cu2+-mediated perylene diimide aggregates. *ACS Applied Materials & Interfaces*, **2012**, 4, 614-8	9.5	130
96	Electrosynthesis of graphene oxide/polypyrene composite films and their applications for sensing organic vapors. *Journal of Materials Chemistry*, **2012**, 22, 8438		51
95	Synthesis of CaCO3/graphene composite crystals for ultra-strong structural materials. *RSC Advances*, **2012**, 2, 2154	3.7	37
94	Ultrahigh-rate supercapacitors based on eletrochemically reduced graphene oxide for ac line-filtering. *Scientific Reports*, **2012**, 2, 247	4.9	494
93	Nanoporous nitrogen doped carbon modified graphene as electrocatalyst for oxygen reduction reaction. *Journal of Materials Chemistry*, **2012**, 22, 12810		131
92	Graphene hydrogels deposited in nickel foams for high-rate electrochemical capacitors. *Advanced Materials*, **2012**, 24, 4569-73	24	375
91	Highly conductive chemically converted graphene prepared from mildly oxidized graphene oxide. *Journal of Materials Chemistry*, **2011**, 21, 7376		164
90	A graphene oxide/hemoglobin composite hydrogel for enzymatic catalysis in organic solvents. *Chemical Communications*, **2011**, 47, 4962-4	5.8	211
89	Colorimetric assays for acetylcholinesterase activity and inhibitor screening based on the disassembly-assembly of a water-soluble polythiophene derivative. *ACS Applied Materials & Interfaces*, **2011**, 3, 1306-10	9.5	72

88	On the Gelation of Graphene Oxide. *Journal of Physical Chemistry C*, **2011**, 115, 5545-5551	3.8	544
87	High-performance self-assembled graphene hydrogels prepared by chemical reduction of graphene oxide. *New Carbon Materials*, **2011**, 26, 9-15	4.4	249
86	Layer-by-layer assembly of graphene/polyaniline multilayer films and their application for electrochromic devices. *Polymer*, **2011**, 52, 5567-5572	3.9	135
85	Synthesis and electrochemical applications of the composites of conducting polymers and chemically converted graphene. *Electrochimica Acta*, **2011**, 56, 10737-10743	6.7	52
84	Graphene oxide/conducting polymer composite hydrogels. *Journal of Materials Chemistry*, **2011**, 21, 18653		263
83	Colorimetric and fluorescent dual probe based on a polythiophene derivative for the detection of cysteine and homocysteine. *Chemical Communications*, **2011**, 47, 7431-3	5.8	93
82	Functional composite materials based on chemically converted graphene. *Advanced Materials*, **2011**, 23, 1089-115	24	859
81	Functional Composite Materials Based on Chemically Converted Graphene (Adv. Mater. 9/2011). *Advanced Materials*, **2011**, 23, 1088-1088	24	12
80	Disassembly-driven colorimetric and fluorescent sensor for anionic surfactants in water based on a conjugated polyelectrolyte/dye complex. *Soft Matter*, **2011**, 7, 6873	3.6	24
79	Highly conductive and flexible mesoporous graphitic films prepared by graphitizing the composites of graphene oxide and nanodiamond. *Journal of Materials Chemistry*, **2011**, 21, 7154		78
78	Self-assembled graphene hydrogel via a one-step hydrothermal process. *ACS Nano*, **2010**, 4, 4324-30	16.7	2678
77	Electrochemical Deposition of Polypyrrole/Sulfonated Graphene Composite Films. *Journal of Physical Chemistry C*, **2010**, 114, 22783-22789	3.8	213
76	A pH-sensitive graphene oxide composite hydrogel. *Chemical Communications*, **2010**, 46, 2376-8	5.8	552
75	Chemically converted graphene as substrate for immobilizing and enhancing the activity of a polymeric catalyst. *Chemical Communications*, **2010**, 46, 4740-2	5.8	263
74	Analyte-induced aggregation of conjugated polyelectrolytes: role of the charged moieties and its sensing application. *Chemical Communications*, **2010**, 46, 5094-6	5.8	37
73	Disassembly of conjugated polyelectrolyte aggregates and their application for colorimetric detection of surfactants in water. *Chemical Communications*, **2010**, 46, 8639-41	5.8	32
72	A water-soluble cationic oligopyrene derivative: Spectroscopic studies and sensing applications. *Sensors and Actuators B: Chemical*, **2009**, 138, 563-571	8.5	33
71	Self-assembly of insulated molecular wires of a watersoluble cationic PPV and anionic dendrons. *Science Bulletin*, **2009**, 54, 2451-2456		3

70	Composite nanofibers of conducting polymers and hydrophobic insulating polymers: Preparation and sensing applications. *Polymer*, **2009**, 50, 3292-3301	3.9	84
69	Strong and ductile poly(vinyl alcohol)/graphene oxide composite films with a layered structure. *Carbon*, **2009**, 47, 3538-3543	10.4	629
68	Flexible Sandwich Photodetectors Based on Thick Polythiophene Films. *Journal of Physical Chemistry C*, **2009**, 113, 7411-7415	3.8	12
67	Non-covalent functionalization of graphene sheets by sulfonated polyaniline. *Chemical Communications*, **2009**, 1667-9	5.8	517
66	Conducting polymer nanomaterials: electrosynthesis and applications. *Chemical Society Reviews*, **2009**, 38, 2397-409	58.5	554
65	Conjugated polyelectrolyte as a colorimetric and fluorescent probe for the detection of glutathione. *Chemical Communications*, **2009**, 5886-8	5.8	83
64	A simple approach for the discrimination of nucleotides based on a water-soluble polythiophene derivative. *Chemical Communications*, **2009**, 4696-8	5.8	68
63	Polypyrrole actuators with inverse opal structures. *Journal of Materials Chemistry*, **2009**, 19, 1653		32
62	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. *Journal of the American Chemical Society*, **2009**, 131, 13490-7	16.4	455
61	Circularly Polarized Luminescence from Supramolecular Chiral Complexes of Achiral Conjugated Polymers and a Neutral Polysaccharide. *Chemistry Letters*, **2009**, 38, 254-255	1.7	83
60	Optically active supramolecular complexes of water-soluble achiral polythiophenes and folic acid: spectroscopic studies and sensing applications. *Langmuir*, **2008**, 24, 12829-35	4	50
59	Layer-by-layer deposited multilayer films of oligo(pyrenebutyric acid) and a perylene diimide derivative: structure and photovoltaic properties. *Langmuir*, **2008**, 24, 4380-7	4	30
58	Electrochemical Fabrication of Superhydrophobic Surfaces on Metal and Semiconductor Substrates. *Journal of Adhesion Science and Technology*, **2008**, 22, 1819-1839	2	13
57	Optically active supramolecular complex formed by ionic self-assembly of cationic perylenediimide derivative and adenosine triphosphate. *Langmuir*, **2008**, 24, 43-8	4	44
56	Pyrenyl excimers induced by the crystallization of POSS moieties: spectroscopic studies and sensing applications. *ChemPhysChem*, **2008**, 9, 1908-13	3.2	9
55	Rapid nitroaromatic compounds sensing based on oligopyrene. *Sensors and Actuators B: Chemical*, **2008**, 130, 777-782	8.5	62
54	Photoresponsive properties of multilayers of conductive polymer and CdSe nanoparticles. *Solar Energy Materials and Solar Cells*, **2008**, 92, 543-549	6.4	11
53	Transparent graphene/PEDOT-PSS composite films as counter electrodes of dye-sensitized solar cells. *Electrochemistry Communications*, **2008**, 10, 1555-1558	5.1	736

52	Flexible graphene films via the filtration of water-soluble noncovalent functionalized graphene sheets. *Journal of the American Chemical Society*, **2008**, 130, 5856-7	16.4	2883
51	Preparation of Highly Conductive Gold□Poly(3,4-ethylenedioxythiophene) Nanocables and Their Conversion to Poly(3,4-ethylenedioxythiophene) Nanotubes. *Journal of Physical Chemistry C*, **2007**, 111, 5926-5931	3.8	60
50	Electrosynthesis of polypyrrole/sulfonated polyaniline composite films and their applications for ammonia gas sensing. *Polymer*, **2007**, 48, 4015-4020	3.9	65
49	Aligned three-dimensional microstructures of conducting polymer composites. *Polymer*, **2007**, 48, 5259-5267	3.9	33
48	Layer-by-layer deposited multilayer films of water soluble polythiophene derivative and gold nanoparticles exhibiting photoresponsive properties. *Nanotechnology*, **2007**, 18, 185707	3.4	13
47	Synthesis and Characterization of 3D Dendritic Gold Nanostructures and Their Use as Substrates for Surface-Enhanced Raman Scattering. *Chemistry of Materials*, **2007**, 19, 3433-3440	9.6	105
46	Electrochemical Fabrication of a Memory Device Based on Conducting Polymer Nanocomposites. *Journal of Physical Chemistry C*, **2007**, 111, 18392-18396	3.8	33
45	□1,3-Glucan (Schyzophyllan) Can Act as a One-Dimensional Host for Creating Chirally Twisted Poly(p-phenylene Ethynylene). *Supramolecular Chemistry*, **2007**, 19, 107-113	1.8	23
44	'Click chemistry' on polysaccharides: a convenient, general, and monitorable approach to develop (1-->3)-beta-D-glucans with various functional appendages. *Carbohydrate Research*, **2006**, 341, 35-40	2.9	108
43	Beta-1,3-glucan polysaccharide (schizophyllan) acting as a one-dimensional host for creating supramolecular dye assemblies. *Organic Letters*, **2006**, 8, 5533-6	6.2	43
42	Room-temperature fabrication of highly oriented ZnO nanoneedle arrays by anodization of zinc foil. *Nanotechnology*, **2006**, 17, 4936-4940	3.4	43
41	Controlled one-step fabrication of highly oriented ZnO nanoneedle/nanorods arrays at near room temperature. *Chemical Communications*, **2006**, 1655-7	5.8	67
40	Polypyrrole micro- and nanowires synthesized by electrochemical polymerization of pyrrole in the aqueous solutions of pyrenesulfonic acid. *Polymer*, **2006**, 47, 1778-1784	3.9	73
39	Electrosynthesis of poly(3,4-ethylenedioxythiophene) microcups in the aqueous solution of LiClO4 and tri(ethylene glycol). *Polymer*, **2006**, 47, 4953-4958	3.9	18
38	Unexpected chiroptical inversion observed for supramolecular complexes formed between an achiral polythiophene and ATP. *Chemistry - an Asian Journal*, **2006**, 1, 95-101	4.5	45
37	Beta-1,3-glucan polysaccharide can act as a one-dimensional host to create novel silica nanofiber structures. *Chemical Communications*, **2005**, 4655-7	5.8	69
36	Beta-1,3-glucan polysaccharides as novel one-dimensional hosts for DNA/RNA, conjugated polymers and nanoparticles. *Chemical Communications*, **2005**, 4383-98	5.8	109
35	Self-assembly of supramolecular chiral insulated molecular wire. *Journal of the American Chemical Society*, **2005**, 127, 4548-9	16.4	195

34	Poly(diacetylene)-nanofibers can be fabricated through photo-irradiation using natural polysaccharide schizophyllan as a one-dimensional mold. *Organic and Biomolecular Chemistry*, **2005**, 3, 4321-8	3.9	24
33	Water-soluble Poly(3,4-ethylenedioxythiophene) Nanocomposites Created by a Templating Effect of β-1,3-Glucan Schizophyllan. *Chemistry Letters*, **2005**, 34, 1532-1533	1.7	19
32	Water-soluble Polythiophene as an Optical Probe for Detection of the Helicity and Conformational Transition in Polysaccharides. *Chemistry Letters*, **2005**, 34, 1354-1355	1.7	28
31	Schizophyllan Acts as a One-dimensional Host to Accommodate 5,10,15,20-Tetrakis(4-carboxyphenyl)porphyrinatozinc Acetate to Produce Its Fibrous Superstructure. *Chemistry Letters*, **2005**, 34, 1118-1119	1.7	26
30	Schizophyllan Can Act as a One-dimensional Host to Construct Poly(diacetylene) Nanofibers. *Chemistry Letters*, **2005**, 34, 40-41	1.7	33
29	1D arrangement of Au nanoparticles by the helical structure of schizophyllan: a unique encounter of a natural product with inorganic compounds. *Angewandte Chemie - International Edition*, **2005**, 44, 2030-3	16.4	65
28	A sensitive colorimetric and fluorescent probe based on a polythiophene derivative for the detection of ATP. *Angewandte Chemie - International Edition*, **2005**, 44, 6371-4	16.4	294
27	Cover Picture: 1D Arrangement of Au Nanoparticles by the Helical Structure of Schizophyllan: A Unique Encounter of a Natural Product with Inorganic Compounds (Angew. Chem. Int. Ed. 13/2005). *Angewandte Chemie - International Edition*, **2005**, 44, 1895-1895	16.4	
26	1D Arrangement of Au Nanoparticles by the Helical Structure of Schizophyllan: A Unique Encounter of a Natural Product with Inorganic Compounds. *Angewandte Chemie*, **2005**, 117, 2066-2069	3.6	15
25	A Sensitive Colorimetric and Fluorescent Probe Based on a Polythiophene Derivative for the Detection of ATP. *Angewandte Chemie*, **2005**, 117, 6529-6532	3.6	58
24	Titelbild: 1D Arrangement of Au Nanoparticles by the Helical Structure of Schizophyllan: A Unique Encounter of a Natural Product with Inorganic Compounds (Angew. Chem. 13/2005). *Angewandte Chemie*, **2005**, 117, 1929-1929	3.6	
23	β-1,3-Glucan Polysaccharides as Novel One-Dimensional Hosts for DNA/RNA, Conjugated Polymers and Nanoparticles. *ChemInform*, **2005**, 36, no		2
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