

Yong Liu

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.

137 papers	11,016 citations	45 h-index	104 g-index
137 ext. papers	12,148 ext. citations	6.9 avg, IF	6.37 L-index

#	Paper	IF	Citations
137	The Efficient Regeneration of Corneal Nerves via Tunable Transmembrane Signaling Channels Using A Transparent Graphene-based Corneal Stimulation Electrode.. <i>Advanced Healthcare Materials</i> , 2022 , e2101667	10.1	1
136	Recent insights on iron based nanostructured electrocatalyst and current status of proton exchange membrane fuel cell for sustainable transport. <i>Journal of Energy Chemistry</i> , 2022 ,	12	2
135	A novel Vancomycin-Functionalized-Magnetic Graphene Composite for Use as a Near-Infrared-Induced Synergistic Chemo-Photothermal Antibacterial. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100082	5.5	1
134	Lb2Cas12a and its engineered variants mediate genome editing in human cells. <i>FASEB Journal</i> , 2021 , 35, e21270	0.9	3
133	Nitrogen-Doped Graphene via Alternating Voltage Electrochemical Exfoliation for Supercapacitor Application. <i>Frontiers in Chemistry</i> , 2020 , 8, 428	5	5
132	The Cathode Choice for Commercialization of Sodium-Ion Batteries: Layered Transition Metal Oxides versus Prussian Blue Analogs. <i>Advanced Functional Materials</i> , 2020 , 30, 1909530	15.6	122
131	A High-Kinetics Sulfur Cathode with a Highly Efficient Mechanism for Superior Room-Temperature Na-S Batteries. <i>Advanced Materials</i> , 2020 , 32, e1906700	24	79
130	Design of nitrogen-doped graphitized 2D hierarchical porous carbons as efficient solid base catalysts for transesterification to biodiesel. <i>Green Chemistry</i> , 2020 , 22, 903-912	10	13
129	Manipulating Molecular Structure and Morphology to Invoke High-Performance Sodium Storage of Copper Phosphide. <i>Advanced Energy Materials</i> , 2020 , 10, 1903542	21.8	22
128	Duckweed derived nitrogen self-doped porous carbon materials as cost-effective electrocatalysts for oxygen reduction reaction in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 15336-15345	6.7	19
127	High-Performance Intraocular Biosensors from Chitosan-Functionalized Nitrogen-Containing Graphene for the Detection of Glucose. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 673-679	5.5	31
126	Facile Synthesis of Hierarchical Hollow CoP@C Composites with Superior Performance for Sodium and Potassium Storage. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5159-5164	16.4	98
125	A Metal-Polymer Hybrid Biomimetic System for use in the Chemodynamic-Enhanced Photothermal Therapy of Cancers. <i>Small</i> , 2020 , 16, e2004161	11	24
124	Wearable Corneal Biosensors Fabricated from PEDOT Functionalized Sulfur-Doped Graphene for Use in the Early Detection of Myopia. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000682	6.8	5
123	3D Interpenetrated Graphene Foam/58S Bioactive Glass Scaffolds for Electrical-Stimulation-Assisted Differentiation of Rabbit Mesenchymal Stem Cells to Enhance Bone Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 602-611	4	22
122	The Use of TAT Peptide-Functionalized Graphene as a Highly Nuclear-Targeting Carrier System for Suppression of Choroidal Melanoma. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
121	Polyaniline Functionalized Graphene Nanoelectrodes for the Regeneration of PC12 Cells via Electrical Stimulation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14

120	Boosting activity of high-fidelity CRISPR/Cas9 variants using a tRNA-processing system in human cells. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9308-9315	5.4	14
119	An Electrosynthesized 3D Porous Molybdenum Sulfide/Graphene Film with Enhanced Electrochemical Performance for Lithium Storage. <i>Small</i> , 2018 , 14, 1703096	11	21
118	Stilbenes from <i>Veratrum maackii</i> Regel Protect against Ethanol-Induced DNA Damage in Mouse Cerebellum and Cerebral Cortex. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1616-1624	5.7	9
117	Novel Non-Carbon Sulfur Hosts Based on Strong Chemisorption for Lithium-Sulfur Batteries. <i>Small</i> , 2018 , 14, e1801987	11	48
116	Hydroxyl-Functional Groups on Graphene Trigger the Targeted Delivery of Antitumor Drugs. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1420-1429	4	6
115	Nitrogen-Doped Carbon Coated WS Nanosheets as Anode for High-Performance Sodium-Ion Batteries. <i>Frontiers in Chemistry</i> , 2018 , 6, 236	5	17
114	A Transferrin Triggered Pathway for Highly Targeted Delivery of Graphene-Based Nanodrugs to Treat Choroidal Melanoma. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800377	10.1	12
113	Highly active FeBO as an anode material for sodium-ion batteries. <i>Chemical Communications</i> , 2017 , 53, 4698-4701	5.8	23
112	Multifunctional Hybrid Nanoparticles for Traceable Drug Delivery and Intracellular Microenvironment-Controlled Multistage Drug-Release in Neurons. <i>Small</i> , 2017 , 13, 1603966	11	18
111	Constructing Three-Dimensional Mesoporous Bouquet-Posey-like TiO Superstructures with Radially Oriented Mesochannels and Single-Crystal Walls. <i>Journal of the American Chemical Society</i> , 2017 , 139, 517-526	16.4	53
110	Three-Dimensional Framework of Graphene Nanomeshes Shell/CoO Synthesized as Superior Bifunctional Electrocatalyst for Zinc-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41273-41283	9.5	34
109	Multifunctional luminescent nanofibres from Eu ³⁺ -doped La ₂ O ₂ SO ₄ with enhanced oxygen storage capability. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 202-207	5.7	10
108	Magnetoelectric interaction and transport behaviours in magnetic nanocomposite thermoelectric materials. <i>Nature Nanotechnology</i> , 2017 , 12, 55-60	28.7	155
107	The Application of Whole Cell-Based Biosensors for Use in Environmental Analysis and in Medical Diagnostics. <i>Sensors</i> , 2017 , 17,	3.8	156
106	Explicit 3D finite-element model of continuous nanofibre networks. <i>Micro and Nano Letters</i> , 2016 , 11, 727-730	0.9	11
105	Collagen-binding vascular endothelial growth factor attenuates CCL4-induced liver fibrosis in mice. <i>Molecular Medicine Reports</i> , 2016 , 14, 4680-4686	2.9	9
104	Boron-Doped Anatase TiO ₂ as a High-Performance Anode Material for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16009-15	9.5	126
103	Surface-Adaptive, Antimicrobially Loaded, Micellar Nanocarriers with Enhanced Penetration and Killing Efficiency in Staphylococcal Biofilms. <i>ACS Nano</i> , 2016 , 10, 4779-89	16.7	211

102	Aligned Nanofibers from Polypyrrole/Graphene as Electrodes for Regeneration of Optic Nerve via Electrical Stimulation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6834-40	9.5	82
101	Wheat (<i>Triticum aestivum</i> L.)-based intercropping systems for biological pest control. <i>Pest Management Science</i> , 2016 , 72, 2193-2202	4.6	54
100	Progress in nanostructured photoanodes for dye-sensitized solar cells. <i>Frontiers of Materials Science</i> , 2016 , 10, 225-237	2.5	43
99	Optical Biosensors Based on Nitrogen-Doped Graphene Functionalized with Magnetic Nanoparticles. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600590	4.6	31
98	TiO ₂ interpenetrating networks decorated with SnO ₂ nanocrystals: enhanced activity of selective catalytic reduction of NO with NH ₃ . <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1405-1409	13	17
97	A two-photon fluorescent turn-on probe for nitroxyl (HNO) and its bioimaging application in living tissues. <i>Chemical Communications</i> , 2015 , 51, 5754-7	5.8	52
96	Distribution of sediment ammonia-oxidizing microorganisms in plateau freshwater lakes. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 4435-44	5.7	26
95	d(GC)n repeats form Z-DNA within promoter region and repress the promoter activity in <i>Escherichia coli</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2015 , 47, 567-9	2.8	2
94	A simple pre-procedural risk score for contrast-induced nephropathy among patients with chronic total occlusion undergoing percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2015 , 180, 69-71	3.2	23
93	Endoscopic radiofrequency ablation for early esophageal squamous cell neoplasia: report of safety and effectiveness from a large prospective trial. <i>Endoscopy</i> , 2015 , 47, 398-408	3.4	42
92	Distribution of ammonia-oxidizing archaea and bacteria in plateau soils across different land use types. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 6899-909	5.7	8
91	Pneumomediastinum predicts early mortality in acute paraquat poisoning. <i>Clinical Toxicology</i> , 2015 , 53, 551-6	2.9	11
90	The role of the JAK-STAT pathway in neural stem cells, neural progenitor cells and reactive astrocytes after spinal cord injury. <i>Biomedical Reports</i> , 2015 , 3, 141-146	1.8	37
89	Degradation and silicon excretion of the calcium silicate bioactive ceramics during bone regeneration using rabbit femur defect model. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 197	4.5	29
88	Atomic oxygen treatment effects on magnetron sputtered ZrTi binary films. <i>Applied Surface Science</i> , 2015 , 324, 669-676	6.7	6
87	Activation of Type 4 Metabotropic Glutamate Receptor Attenuates Oxidative Stress-Induced Death of Neural Stem Cells with Inhibition of JNK and p38 MAPK Signaling. <i>Stem Cells and Development</i> , 2015 , 24, 2709-22	4.4	30
86	Multifunctional chitosan/polyvinyl pyrrolidone/45S5 Bioglass scaffolds for MC3T3-E1 cell stimulation and drug release. <i>Materials Science and Engineering C</i> , 2015 , 56, 473-80	8.3	38
85	Aerobic and nitrite-dependent methane-oxidizing microorganisms in sediments of freshwater lakes on the Yunnan Plateau. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 2371-81	5.7	40

84	Phosphodiesterase type 5 inhibitor Tadalafil increases Rituximab treatment efficacy in a mouse brain lymphoma model. <i>Journal of Neuro-Oncology</i> , 2015 , 122, 35-42	4.8	12
83	Threonine 32 (Thr32) of FoxO3 is critical for TGF- β -induced apoptosis via Bim in hepatocarcinoma cells. <i>Protein and Cell</i> , 2015 , 6, 127-38	7.2	18
82	A cross-sectional study of breath acetone based on diabetic metabolic disorders. <i>Journal of Breath Research</i> , 2015 , 9, 016005	3.1	25
81	Facile Method To Synthesize Na-Enriched Na _{1+x} FeFe(CN) ₆ Frameworks as Cathode with Superior Electrochemical Performance for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2015 , 27, 1997-2003	9.6	115
80	HIV-1 vaccines based on replication-competent Tiantan vaccinia protected Chinese rhesus macaques from simian HIV infection. <i>Aids</i> , 2015 , 29, 649-58	3.5	12
79	Glucose-responsive polymer vesicles templated by β CD/PEG inclusion complex. <i>Biomacromolecules</i> , 2015 , 16, 1372-81	6.9	49
78	Electroactive biocompatible materials for nerve cell stimulation. <i>Materials Research Express</i> , 2015 , 2, 042001	1.7	15
77	Nitrogen-doped electrospun reduced graphene oxide/carbon nanofiber composite for capacitive deionization. <i>RSC Advances</i> , 2015 , 5, 34117-34124	3.7	52
76	Hydrothermal synthesis of visible-light-driven hierarchical Bi _{3.84} W _{0.16} O _{6.24} photocatalysts toward efficient degradation of methyl orange. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	5
75	Density functional theory study on organically surface-modified silicene. <i>RSC Advances</i> , 2015 , 5, 33831-33837	3.7	19
74	Endoscopic resection for esophageal high grade dysplasia in a patient with cervical esophageal stricture via the transgastric approach. <i>Endoscopy</i> , 2015 , 47 Suppl 1 UCTN, E155-6	3.4	1
73	Design and Simulation of a Nanoscale GaN-Based Vertical HFET with pnp-Superjunction Buffer Structure. <i>Nanoscience and Nanotechnology Letters</i> , 2015 , 7, 100-104	0.8	4
72	Genome-wide epigenetic and proteomic analysis reveals altered Notch signaling in EPC dysfunction. <i>Physiological Reports</i> , 2015 , 3, e12358	2.6	7
71	Promoter analysis and transcriptional regulation of a Gig2 gene in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2015 , 42, 249-55	4.3	4
70	<i>Ctenopharyngodon idella</i> IRF2 plays an antagonistic role to IRF1 in transcriptional regulation of IFN and ISG genes. <i>Developmental and Comparative Immunology</i> , 2015 , 49, 103-12	3.2	33
69	A novel hybrid forecasting model for PM ₁₀ and SO ₂ daily concentrations. <i>Science of the Total Environment</i> , 2015 , 505, 1202-12	10.2	91
68	Porous carbon spheres via microwave-assisted synthesis for capacitive deionization. <i>Electrochimica Acta</i> , 2015 , 151, 489-496	6.7	117
67	Culture and state boredom: A comparison between European Canadians and Chinese. <i>Personality and Individual Differences</i> , 2015 , 75, 13-18	3.3	58

66	Distribution of sediment bacterial and archaeal communities in plateau freshwater lakes. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 3291-302	5.7	158
65	Organic chemistry. Nanomole-scale high-throughput chemistry for the synthesis of complex molecules. <i>Science</i> , 2015 , 347, 49-53	33.3	332
64	The upregulation of NR2A-containing N-methyl-D-aspartate receptor function by tyrosine phosphorylation of postsynaptic density 95 via facilitating Src/proline-rich tyrosine kinase 2 activation. <i>Molecular Neurobiology</i> , 2015 , 51, 500-11	6.2	18
63	Suburban residential development in the era of market-oriented land reform: The case of Hangzhou, China. <i>Land Use Policy</i> , 2015 , 42, 233-243	5.6	21
62	Phase competition mediated by composition and pressure in Zr ₂ Cu _{1-x} Ni system. <i>Journal of Alloys and Compounds</i> , 2015 , 618, 73-77	5.7	4
61	CLU rs2279590 polymorphism contributes to Alzheimer's disease susceptibility in Caucasian and Asian populations. <i>Journal of Neural Transmission</i> , 2015 , 122, 433-9	4.3	31
60	Study on the reliable computation time of the numerical model using the sliding temporal correlation method. <i>Theoretical and Applied Climatology</i> , 2015 , 119, 539-550	3	3
59	Multifunctional luminescent nanomaterials from NaLa(MoO ₄) ₂ :Eu(3+)/Tb(3+) with tunable decay lifetimes, emission colors, and enhanced cell viability. <i>Scientific Reports</i> , 2015 , 5, 11844	4.9	34
58	Integration of electrochemistry with ultra-performance liquid chromatography/mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015 , 21, 341-51	1.1	10
57	Hypoxia Induced by Upconversion-Based Photodynamic Therapy: Towards Highly Effective Synergistic Bio-reductive Therapy in Tumors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8105-9	16.4	328
56	Epigenetic regulation of ANKRD18B in lung cancer. <i>Molecular Carcinogenesis</i> , 2015 , 54, 312-21	5	12
55	The volume ratio of ground glass opacity in early lung CT predicts mortality in acute paraquat poisoning. <i>PLoS ONE</i> , 2015 , 10, e0121691	3.7	15
54	Sulfur Dioxide Enhances Endogenous Hydrogen Sulfide Accumulation and Alleviates Oxidative Stress Induced by Aluminum Stress in Germinating Wheat Seeds. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 612363	6.7	17
53	Multifunctional glucose biosensors from Fe ₃ O ₄ nanoparticles modified chitosan/graphene nanocomposites. <i>Scientific Reports</i> , 2015 , 5, 11129	4.9	87
52	A facile strategy to fabricate glucose-responsive vesicles via a template of thermo-sensitive micelles. <i>Polymer Chemistry</i> , 2015 , 6, 3837-3846	4.9	33
51	Elevated expression of histone demethylase PHF8 associates with adverse prognosis in patients of laryngeal and hypopharyngeal squamous cell carcinoma. <i>Epigenomics</i> , 2015 , 7, 143-53	4.4	17
50	Voxel-based meta-analysis of grey matter changes in Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2015 , 4, 6	10.3	59
49	Treatment of acute cerebral ischemia using animal models: a meta-analysis. <i>Translational Neuroscience</i> , 2015 , 6, 47-58	1.2	4

48	Starch-Borate-graphene oxide nanocomposites as highly efficient targeted antitumor drugs. <i>RSC Advances</i> , 2015 , 5, 94855-94858	3.7	4
47	Genome organization and transcriptional regulation of Adenosine Deaminase Acting on RNA gene 1 (ADAR1) in grass carp (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2015 , 50, 98-105	3.2	8
46	Radiation-/hypoxia-induced solid tumor metastasis and regrowth inhibited by hypoxia-specific upconversion nanoradiosensitizer. <i>Biomaterials</i> , 2015 , 49, 1-8	15.6	115
45	Ocular biocompatibility evaluation of hydroxyl-functionalized graphene. <i>Materials Science and Engineering C</i> , 2015 , 50, 300-8	8.3	25
44	Facile synthesis of novel graphene sponge for high performance capacitive deionization. <i>Scientific Reports</i> , 2015 , 5, 8458	4.9	154
43	Graphene oxide complex as a pH-sensitive antitumor drug. <i>Polymer Chemistry</i> , 2015 , 6, 2401-2406	4.9	25
42	Review on carbon-based composite materials for capacitive deionization. <i>RSC Advances</i> , 2015 , 5, 15205-15225	3.7	260
41	Enhanced capacitive deionization performance of graphene by nitrogen doping. <i>Journal of Colloid and Interface Science</i> , 2015 , 445, 143-150	9.3	110
40	Climatic effects on planning behavior. <i>PLoS ONE</i> , 2015 , 10, e0126205	3.7	1
39	Graphene-based nanowire supercapacitors. <i>Langmuir</i> , 2014 , 30, 3567-71	4	62
38	Quantitative comparison and metabolite profiling of saponins in different parts of the root of <i>Panax notoginseng</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9024-34	5.7	68
37	SiRNA-mediated knockdown of CiGRP78 gene expression leads cell susceptibility to heavy metal cytotoxicity. <i>Gene</i> , 2014 , 552, 219-24	3.8	11
36	Morphology controllable and highly luminescent monoclinic LaPO ₄ :Eu ³⁺ microspheres. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 603-608	5.7	39
35	Dichloroacetate prevents but not reverses the formation of neointimal lesions in a rat model of severe pulmonary arterial hypertension. <i>Molecular Medicine Reports</i> , 2014 , 10, 2144-52	2.9	16
34	Prolonging survival of corneal transplantation by selective sphingosine-1-phosphate receptor 1 agonist. <i>PLoS ONE</i> , 2014 , 9, e105693	3.7	8
33	Ginsenoside Rb1 prevents H ₂ O ₂ -induced HUVEC senescence by stimulating sirtuin-1 pathway. <i>PLoS ONE</i> , 2014 , 9, e112699	3.7	52
32	An individual drug-therapy and genetic testing report of temporal bone verrucous carcinoma. <i>OncoTargets and Therapy</i> , 2014 , 7, 1535-40	4.4	
31	An improved 2b-RAD approach (I2b-RAD) offering genotyping tested by a rice (<i>Oryza sativa</i> L.) F2 population. <i>BMC Genomics</i> , 2014 , 15, 956	4.5	25

30	Tribological behavior of polytetrafluoroethylene coatings based on LY12 substrates in the space environment. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2014 , 19, 636-640	0.6	0
29	Pre- and posttreatment with edaravone protects CA1 hippocampus and enhances neurogenesis in the subgranular zone of dentate gyrus after transient global cerebral ischemia in rats. <i>ASN Neuro</i> , 2014 , 6,	5.3	22
28	Acute consumption of a high-fat diet prior to ischemia-reperfusion results in cardioprotection through NF- κ B-dependent regulation of autophagic pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H1705-13	5.2	22
27	Tyrosine phosphorylation of GluK2 up-regulates kainate receptor-mediated responses and downstream signaling after brain ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13990-5	11.5	12
26	Proposal of a new lymph node staging system for gastric cancer: study from two institutions in China. <i>Medical Oncology</i> , 2014 , 31, 229	3.7	2
25	Cytotoxicity and genotoxicity of multi-walled carbon nanotubes with human ocular cells. <i>Science Bulletin</i> , 2013 , 58, 2347-2352		18
24	Three-dimensional B,N-doped graphene foam as a metal-free catalyst for oxygen reduction reaction. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12220-6	3.6	260
23	Honeycomb architecture of carbon quantum dots: a new efficient substrate to support gold for stronger SERS. <i>Nanoscale</i> , 2012 , 4, 1776-81	7.7	65
22	Newly-designed complex ternary Pt/PdCu nanoboxes anchored on three-dimensional graphene framework for highly efficient ethanol oxidation. <i>Advanced Materials</i> , 2012 , 24, 5493-8	24	287
21	Optical turn-on sensor based on graphene oxide for selective detection of D-glucosamine. <i>Analytical Chemistry</i> , 2012 , 84, 5641-4	7.8	45
20	Can graphene oxide cause damage to eyesight?. <i>Chemical Research in Toxicology</i> , 2012 , 25, 1265-70	4	93
19	Electroactive and biocompatible hydroxyl- functionalized graphene by ball milling. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8367		82
18	Functionalization of Graphene Oxide with Polyhedral Oligomeric Silsesquioxane (POSS) for Multifunctional Applications. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1607-12	6.4	206
17	Oxidizing metal ions with graphene oxide: the in situ formation of magnetic nanoparticles on self-reduced graphene sheets for multifunctional applications. <i>Chemical Communications</i> , 2011 , 47, 11689-91	5.8	158
16	Cytotoxicity of Single-Walled Carbon Nanotubes with Human Ocular Cells. <i>Advanced Materials Research</i> , 2011 , 287-290, 32-36	0.5	5
15	Nitrogen-doped graphene as efficient metal-free electrocatalyst for oxygen reduction in fuel cells. <i>ACS Nano</i> , 2010 , 4, 1321-6	16.7	3349
14	Biocompatible graphene oxide-based glucose biosensors. <i>Langmuir</i> , 2010 , 26, 6158-60	4	592
13	3-D carbon nanotube structures used as high performance catalyst for oxygen reduction reaction. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15839-41	16.4	280

12	Guidance of neurite outgrowth on aligned electrospun polypyrrole/poly(styrene-beta-isobutylene-beta-styrene) fiber platforms. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 1004-11	5.4	30
11	Novel crosslinked starch microspheres as adsorbents of Cu ²⁺ . <i>Journal of Applied Polymer Science</i> , 2010 , 115, 487-490	2.9	17
10	Carbon nanotube network modified carbon fibre paper for Li-ion batteries. <i>Energy and Environmental Science</i> , 2009 , 2, 393	35.4	99
9	Synthesis of biodegradable lauric acid ester quaternary ammonium salt cationic surfactant and its utilization as calico softener. <i>Materials Letters</i> , 2008 , 62, 3450-3452	3.3	47
8	Nano-Pt Modified Aligned Carbon Nanotube Arrays Are Efficient, Robust, High Surface Area Electrocatalysts. <i>Chemistry of Materials</i> , 2008 , 20, 2603-2605	9.6	38
7	3D bio-nanofibrous PPy/SIBS mats as platforms for cell culturing. <i>Chemical Communications</i> , 2008 , 3729-3738	3.8	39
6	Nanofiber Mats from DNA, SWNTs, and Poly(ethylene oxide) and Their Application in Glucose Biosensors. <i>Journal of the Electrochemical Society</i> , 2008 , 155, K100	3.9	16
5	Flexible, Aligned Carbon Nanotube/Conducting Polymer Electrodes for a Lithium-Ion Battery. <i>Chemistry of Materials</i> , 2007 , 19, 3595-3597	9.6	199
4	Bio-nanowebs Based on Poly(styrene-Isobutylene-Styrene) (SIBS) Containing Single-Wall Carbon Nanotubes. <i>Chemistry of Materials</i> , 2007 , 19, 2721-2723	9.6	26
3	Preparation of platinum inverse opals using self-assembled templates and their application in methanol oxidation. <i>Materials Letters</i> , 2007 , 61, 2887-2890	3.3	20
2	Preparation of novel ultrafine fibers based on DNA and poly(ethylene oxide) by electrospinning from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2007 , 67, 461-467	4.6	33
1	Aligned nanotubes. <i>ChemPhysChem</i> , 2003 , 4, 1150-69	3.2	172