

Yanfei Shen

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.

155
papers

5,227
citations

39
h-index

67
g-index

165
ext. papers

6,182
ext. citations

7.6
avg. IF

6.02
L-index

#	Paper	IF	Citations
155	Quantum dots for electrochemiluminescence bioanalysis - A review.. <i>Analytica Chimica Acta</i> , 2022 , 1209, 339140	6.6	3
154	Cascaded Nanozyme System with High Reaction Selectivity by Substrate Screening and Channeling in a Microfluidic Device*. <i>Angewandte Chemie - International Edition</i> , 2021 , 61, e202112453	16.4	3
153	Letter: Heterogeneous Effect of Tranexamic Acid in Traumatic Brain Injury. <i>Neurosurgery</i> , 2021 , 88, E3613-E363	3.3	1
152	Impact of Fluid Balance on Mortality Is Mediated by Fluid Accumulation Index in Sepsis: A Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2021 , 36, 1458-1465	3.3	1
151	Current applications of platelet gels in wound healing-A review. <i>Wound Repair and Regeneration</i> , 2021 , 29, 370-379	3.6	0
150	Impact of chronic respiratory diseases on re-intubation rate in critically ill patients: a cohort study. <i>Scientific Reports</i> , 2021 , 11, 8663	4.9	1
149	A Dual Functional Self-Enhanced Electrochemiluminescent Nanohybrid for Label-Free MicroRNA Detection. <i>Analytical Chemistry</i> , 2021 , 93, 8971-8977	7.8	12
148	Carbon NitrideBased Biosensors 2021 , 175-225		2
147	Water Molecule-Triggered Anisotropic Deformation of Carbon Nitride Nanoribbons Enabling Contactless Respiratory Inspection. <i>CCS Chemistry</i> , 2021 , 3, 1615-1625	7.2	13
146	Carbon nitride of five-membered rings with low optical bandgap for photoelectrochemical biosensing. <i>CheM</i> , 2021 ,	16.2	17
145	An adaptive fractal model for sublingual microcirculation. <i>Microvascular Research</i> , 2021 , 134, 104101	3.7	1
144	Inconsistent Evidence of Corticosteroid Use in Different Respiratory Disorders. <i>Clinical Infectious Diseases</i> , 2021 , 72, e914	11.6	2
143	Stimulus-responsive nanocarriers for targeted drug delivery. <i>New Journal of Chemistry</i> , 2021 , 45, 4534-4544	3.4	9
142	Bound oxygen-atom transfer endows peroxidase-mimic M-N-C with high substrate selectivity. <i>Chemical Science</i> , 2021 , 12, 8865-8871	9.4	10
141	Metal-doped carbon nitrides: synthesis, structure and applications. <i>New Journal of Chemistry</i> , 2021 , 45, 11876-11892	3.6	10
140	Unraveling fundamental active units in carbon nitride for photocatalytic oxidation reactions. <i>Nature Communications</i> , 2021 , 12, 320	17.4	55
139	Early or Late Tracheostomy in Patients With Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2021 , 49, e3351-e336	3.6	1

138	Efficacy of Thymosin Alpha 1 in the Treatment of COVID-19: A Multicenter Cohort Study. <i>Frontiers in Immunology</i> , 2021 , 12, 673693	8.4	2
137	Re-Examination of Plotting Analytical Response against Different Forms of Concentration. <i>Analytical Chemistry</i> , 2021 , 93, 11910-11914	7.8	3
136	Novel phenotypes of coronavirus disease: a temperature-based trajectory model. <i>Annals of Intensive Care</i> , 2021 , 11, 121	8.9	0
135	Dynamic prediction of late noninvasive ventilation failure in intensive care unit using a time adaptive machine model. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 208, 106290	6.9	1
134	Association Between Oxygen Partial Pressure Trajectories and Short-Term Outcomes in Patients With Hemorrhagic Brain Injury. <i>Frontiers in Medicine</i> , 2021 , 8, 681200	4.9	0
133	Recent advances of functional nucleic acids-based electrochemiluminescent sensing. <i>Biosensors and Bioelectronics</i> , 2021 , 191, 113462	11.8	8
132	The Fe-N-C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drug-Drug Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 14606-14611	3.6	11
131	Recent Advances of Electrochemiluminescent System in Bioassay. <i>Journal of Analysis and Testing</i> , 2020 , 4, 57-75	3.2	19
130	The Fe-N-C Nanozyme with Both Accelerated and Inhibited Biocatalytic Activities Capable of Accessing Drug-Drug Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14498-14503	16.4	43
129	Facile Preparation of WO Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16747-16754	16.4	28
128	Facile Preparation of WO ₃ Dots with Remarkably Low Toxicity and Uncompromised Activity as Co-reactants for Clinical Diagnosis by Electrochemiluminescence. <i>Angewandte Chemie</i> , 2020 , 132, 16890 ^{3.6}		
127	A Novel Biomimetic Magnetosensor Based on Magneto-Optically Involved Conformational Variation of MagR/Cry4 Complex. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901168	6.4	2
126	Electrochemiluminescent detection of hNQO1 and associated drug screening enabled by futile redox cycle reaction. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128557	8.5	2
125	Coupling metal-organic framework nanosphere and nanobody for boosted photoelectrochemical immunoassay of Human Epididymis Protein 4. <i>Analytica Chimica Acta</i> , 2020 , 1107, 145-154	6.6	18
124	Fluid intake-related association between urine output and mortality in acute respiratory distress syndrome. <i>Respiratory Research</i> , 2020 , 21, 24	7.3	4
123	One-pot electrografting preparation of bifunctionalized carbon nanotubes for sensitive electrochemical immunosensing. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 860, 113906	4.1	8
122	Developments in the production of platelets from stem cells (Review). <i>Molecular Medicine Reports</i> , 2020 , 23, 1-1	2.9	0
121	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. <i>Angewandte Chemie</i> , 2020 , 132, 1155-1159	3.6	18

120	Ultrafast Condensation of Carbon Nitride on Electrodes with Exceptional Boosted Photocurrent and Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1139-1143	16.4	57
119	Simultaneous Unlocking Optoelectronic and Interfacial Properties of C for Ultrasensitive Immunosensing by Coupling to Metal-Organic Framework. <i>Analytical Chemistry</i> , 2020 , 92, 983-990	7.8	33
118	Association between body mass index and effectiveness of continuous positive airway pressure in patients with obstructive sleep apnea: a retrospective study. <i>Sleep and Breathing</i> , 2020 , 24, 1075-1081	3.1	0
117	Coupling aptazyme and catalytic hairpin assembly for cascaded dual signal amplified electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2020 , 150, 111945	11.8	22
116	Detection of IgG antibody during the follow-up in patients with COVID-19 infection. <i>Critical Care</i> , 2020 , 24, 448	10.8	9
115	Molecular engineering of CxNy: Topologies, electronic structures and multidisciplinary applications. <i>Chinese Chemical Letters</i> , 2020 , 31, 3047-3054	8.1	25
114	Hyperthermia is a predictor of high mortality in patients with sepsis. <i>Critical Care</i> , 2020 , 24, 543	10.8	4
113	Associations between peritoneal dialysis, fluid balance and clinical outcomes. <i>Annals of Thoracic Surgery</i> , 2020 ,	2.7	1
112	Preparation of carbon nitride nanoparticles by nanoprecipitation method with high yield and enhanced photocatalytic activity. <i>Chinese Chemical Letters</i> , 2020 , 31, 513-516	8.1	22
111	Promoting condensation kinetics of polymeric carbon nitride for enhanced photocatalytic activities. <i>Chinese Chemical Letters</i> , 2020 , 31, 115-118	8.1	16
110	Carbon Nitride Co-catalyst Activation Using N-Doped Carbon with Enhanced Photocatalytic H Evolution. <i>Langmuir</i> , 2019 , 35, 12366-12373	4	13
109	Hemicyanine-based near-infrared fluorescent probe for the ultrasensitive detection of hNQO1 activity and discrimination of human cancer cells. <i>Analytica Chimica Acta</i> , 2019 , 1090, 125-132	6.6	16
108	Early diuretic use and mortality in critically ill patients with vasopressor support: a propensity score-matching analysis. <i>Critical Care</i> , 2019 , 23, 9	10.8	21
107	Hot-Tailoring of Carbon Nitride Dots with Redshifted Photoluminescence for Visual Double Text Encryption and Bioimaging. <i>Chemistry - A European Journal</i> , 2019 , 25, 10188-10196	4.8	23
106	The benefit of recruitment maneuver during noninvasive ventilation in patients after cardiac surgery remains unclear. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e177-e178	1.5	
105	High bright light therapy may reduce delirium incidence in critically ill patients. <i>Intensive Care Medicine</i> , 2019 , 45, 755-756	14.5	3
104	Interaction between serum chloride increase and baseline chloride level. <i>Intensive Care Medicine</i> , 2019 , 45, 909-910	14.5	0
103	Interaction between low tidal volume ventilation strategy and severity of acute respiratory distress syndrome: a retrospective cohort study. <i>Critical Care</i> , 2019 , 23, 254	10.8	10

102	Effect of high flow nasal cannula therapy may be modified by PaO ₂ /FiO ₂ ratio in acute hypoxemic respiratory failure. <i>Intensive Care Medicine</i> , 2019 , 45, 1169-1170	14.5	1
101	Perioperative Fluid Restriction in Abdominal Surgery: A Systematic Review and Meta-analysis. <i>World Journal of Surgery</i> , 2019 , 43, 2747-2755	3.3	4
100	Association between enteral nutrition support and neurological outcome in patients with acute intracranial haemorrhage: A retrospective cohort study. <i>Scientific Reports</i> , 2019 , 9, 16507	4.9	0
99	Harnessing Photoluminescent Properties of Carbon Nitride Nanosheets in a Hierarchical Matrix. <i>Advanced Functional Materials</i> , 2019 , 29, 1905576	15.6	19
98	Exfoliation and Sensitization of 2D Carbon Nitride for Photoelectrochemical Biosensing under Red Light. <i>Chemistry - A European Journal</i> , 2019 , 25, 15680-15686	4.8	24
97	Engineering of CdTe/SiO ₂ nanocomposites: Enhanced signal amplification and biocompatibility for electrochemiluminescent immunoassay of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2019 , 131, 178-184	11.8	30
96	Platelet-to-lymphocyte ratio as a prognostic predictor of mortality for sepsis: interaction effect with disease severity-a retrospective study. <i>BMJ Open</i> , 2019 , 9, e022896	3	37
95	Boosting the Sensitivity of a Photoelectrochemical Immunoassay by Using SiO ₂ @polydopamine Core/Shell Nanoparticles as a Highly Efficient Quencher. <i>ACS Applied Nano Materials</i> , 2019 , 2, 1579-1588	5.6	27
94	Antimony selenide/graphene oxide composite for sensitive photoelectrochemical detection of DNA methyltransferase activity. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6789-6795	7.3	12
93	Non-covalent pre-organization of molecular precursors: A facile approach for engineering structures and activities of pyrolyzed Co-N-C electrocatalysts. <i>Carbon</i> , 2019 , 144, 312-320	10.4	22
92	Positive fluid balance is associated with increased in-hospital mortality in patients with intracerebral hemorrhage. <i>Brain Injury</i> , 2019 , 33, 212-217	2.1	
91	The Fragility of randomized controlled trials in intracranial hemorrhage. <i>Neurosurgical Review</i> , 2019 , 42, 9-14	3.9	16
90	Molecular engineering of polymeric carbon nitride: advancing applications from photocatalysis to biosensing and more. <i>Chemical Society Reviews</i> , 2018 , 47, 2298-2321	58.5	362
89	Boosted Electrochemical Immunosensing of Genetically Modified Crop Markers Using Nanobody and Mesoporous Carbon. <i>ACS Sensors</i> , 2018 , 3, 684-691	9.2	26
88	Competitive Multiple-Mechanism-Driven Electrochemiluminescent Detection of 8-Hydroxy-2-Deoxyguanosine. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2801-2804	16.4	128
87	Highly Sensitive and Quality Self-Testable Electrochemiluminescence Assay of DNA Methyltransferase Activity Using Multifunctional Sandwich-Assembled Carbon Nitride Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6887-6894	9.5	36
86	Vx3-Functionalized Alumina Nanoparticles Assisted Enrichment of Ubiquitinated Proteins from Cancer Cells for Enhanced Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2018 , 29, 786-794	6.3	12
85	Solution-based processing of carbon nitride composite for boosted photocatalytic activities. <i>Chinese Chemical Letters</i> , 2018 , 29, 437-440	8.1	20

84	A photoelectrochemical immunoassay for tumor necrosis factor- α using a GO-PTCNH ₂ nanohybrid as a probe. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 824, 195-200	4.1	12
83	Time-related association between fluid balance and mortality in sepsis patients: interaction between fluid balance and haemodynamics. <i>Scientific Reports</i> , 2018 , 8, 10390	4.9	9
82	Loop diuretic use in patients with AKI: different severity, different response. <i>Critical Care</i> , 2018 , 22, 202	10.8	3
81	Coupled Fluorometer-Potentiostat System and Metal-Free Monochromatic Luminophores for High-Resolution Wavelength-Resolved Electrochemiluminescent Multiplex Bioassay. <i>ACS Sensors</i> , 2018 , 3, 1362-1367	9.2	33
80	Association between postoperative fluid balance and acute kidney injury in patients after cardiac surgery: A retrospective cohort study. <i>Journal of Critical Care</i> , 2018 , 44, 273-277	4	19
79	Dissolution and homogeneous photocatalysis of polymeric carbon nitride. <i>Chemical Science</i> , 2018 , 9, 7912-7915	9.4	29
78	An enzyme cascade-based electrochemical immunoassay using a polydopamine-carbon nanotube nanocomposite for signal amplification. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 8180-8187	7.3	22
77	Fe-N-C Artificial Enzyme: Activation of Oxygen for Dehydrogenation and Monooxygenation of Organic Substrates under Mild Condition and Cancer Therapeutic Application. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35327-35333	9.5	47
76	Red blood cell transfusion in acute pulmonary embolism. <i>Respirology</i> , 2018 , 23, 1076	3.6	
75	Direct Immunoassay for Facile and Sensitive Detection of Small Molecule Aflatoxin B based on Nanobody. <i>Chemistry - A European Journal</i> , 2018 , 24, 9869-9876	4.8	43
74	Metal-Free All-Carbon Nanohybrid for Ultrasensitive Photoelectrochemical Immunosensing of alpha-Fetoprotein. <i>ACS Sensors</i> , 2018 , 3, 1385-1391	9.2	59
73	Hyposmolarity may be also associated with worse outcomes in patients with heart failure. <i>International Journal of Cardiology</i> , 2017 , 229, 53	3.2	4
72	Coupling multiphase-Fe and hierarchical N-doped graphitic carbon as trifunctional electrocatalysts by supramolecular preorganization of precursors. <i>Chemical Communications</i> , 2017 , 53, 2044-2047	5.8	42
71	Coupling polymorphic nanostructured carbon nitrides into an isotype heterojunction with boosted photocatalytic H ₂ evolution. <i>Chemical Communications</i> , 2017 , 53, 2978-2981	5.8	64
70	Association between serum osmolarity and mortality in patients who are critically ill: a retrospective cohort study. <i>BMJ Open</i> , 2017 , 7, e015729	3	13
69	Association between fluid intake and mortality in critically ill patients with negative fluid balance: a retrospective cohort study. <i>Critical Care</i> , 2017 , 21, 104	10.8	14
68	High-flow nasal cannula versus noninvasive positive pressure ventilation in acute respiratory failure: interaction between PaO ₂ /FiO ₂ and tidal volume. <i>Critical Care</i> , 2017 , 21, 285	10.8	4
67	Driving electrochemical oxygen reduction and hydrazine oxidation reaction by enzyme-inspired polymeric Cu(3,3'-diaminobenzidine) catalyst. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17413-17420	13	30

66	Effect of Carbon Supports on Enhancing Mass Kinetic Current Density of Fe-N/C Electrocatalysts. <i>Chemistry - A European Journal</i> , 2017 , 23, 14597-14603	4.8	15
65	A biomass derived N/C-catalyst for the electrochemical production of hydrogen peroxide. <i>Chemical Communications</i> , 2017 , 53, 9994-9997	5.8	70
64	Simultaneous Noncovalent Modification and Exfoliation of 2D Carbon Nitride for Enhanced Electrochemiluminescent Biosensing. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11698-11701	16.4	202
63	Early low-energy versus high-energy enteral nutrition support in patients with traumatic intracerebral haemorrhage: protocol for a randomised controlled trial. <i>BMJ Open</i> , 2017 , 7, e019199	3	4
62	Letter: Early Moderate Hyperoxemia does not Predict Outcome after Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2017 , 80, E252	3.2	1
61	Highly Selective and Sensitive Electrochemical Immunoassay of Cry1C Using Nanobody and π Stacked Graphene Oxide/Thionine Assembly. <i>Analytical Chemistry</i> , 2016 , 88, 9830-9836	7.8	49
60	Prophylactic amiodarone: Use it or not?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 891-892	3.2	1
59	Early antibiotic treatment for gradual ventilator-associated pneumonia: yes or no?. <i>Critical Care</i> , 2016 , 20, 340	10.8	0
58	Ionic liquid-derived FeN/C catalysts for highly efficient oxygen reduction reaction without any supports, templates, or multi-step pyrolysis. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6630-6638	13	44
57	Enhanced light-driven catalytic performance of cytochrome P450 confined in macroporous silica. <i>Chemical Communications</i> , 2016 , 52, 7703-6	5.8	9
56	Generation of Small Single Domain Nanobody Binders for Sensitive Detection of Testosterone by Electrochemical Impedance Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13830-9	9.5	31
55	Chemically Modulated Carbon Nitride Nanosheets for Highly Selective Electrochemiluminescent Detection of Multiple Metal-ions. <i>Analytical Chemistry</i> , 2016 , 88, 6004-10	7.8	110
54	Reversible Assembly of Graphitic Carbon Nitride 3D Network for Highly Selective Dyes Absorption and Regeneration. <i>ACS Nano</i> , 2016 , 10, 9036-43	16.7	128
53	Comparison Study of the Photoelectrochemical Activity of Carbon Nitride with Different Photoelectrode Configurations. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22287-94	9.5	35
52	Crystallinity Modulation of Layered Carbon Nitride for Enhanced Photocatalytic Activities. <i>Chemistry - A European Journal</i> , 2016 , 22, 12449-54	4.8	58
51	Chemical Cleavage of Layered Carbon Nitride with Enhanced Photoluminescent Performances and Photoconduction. <i>ACS Nano</i> , 2015 , 9, 12480-7	16.7	211
50	Potential-Modulated Electrochemiluminescence of Carbon Nitride Nanosheets for Dual-Signal Sensing of Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23672-8	9.5	74
49	Nanobody-based electrochemical immunoassay for Bacillus thuringiensis Cry1Ab toxin by detecting the enzymatic formation of polyaniline. <i>Mikrochimica Acta</i> , 2015 , 182, 2451-2459	5.8	14

48	Exfoliation of Graphene and Assembly Formation with Alkylated-C60: A Nanocarbon Hybrid towards Photo-Energy Conversion Electrode Devices. <i>Advanced Optical Materials</i> , 2015 , 3, 925-930	8.1	9
47	Association Between Hyperoxia and Mortality After Cardiac Arrest. <i>Critical Care Medicine</i> , 2015 , 43, e464-5	4	3
46	Dissolution and liquid crystals phase of 2D polymeric carbon nitride. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2179-82	16.4	244
45	Environment-friendly preparation of porous graphite-phase polymeric carbon nitride using calcium carbonate as templates, and enhanced photoelectrochemical activity. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5126-5131	13	121
44	Fullerene assemblies toward photo-energy conversions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 7199-204	3.6	18
43	Recent advances of doped carbon as non-precious catalysts for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15704-15716	13	96
42	Effect of high/low dose N-acetylcysteine on chronic obstructive pulmonary disease: a systematic review and meta-analysis. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014 , 11, 351-8	2	36
41	Exotic Self-Organized Fullerene Materials Based on Uncommon Hydrophobic-Amphiphilic Approach. <i>Structure and Bonding</i> , 2013 , 1-21	0.9	1
40	Nanoplasmonic modification of the local morphology, shape, and wetting properties of nanoflake microparticles. <i>Langmuir</i> , 2013 , 29, 7464-71	4	11
39	Microstructured objects produced by the supramolecular hierarchical assembly of an organic free radical gathering hydrophobic-amphiphilic characteristics. <i>Chemical Science</i> , 2012 , 3, 1958	9.4	17
38	Photoconductivity and enhanced memory effects in hybrid C60-graphene transistors. <i>Nanotechnology</i> , 2012 , 23, 455202	3.4	24
37	Assembly of carbon nanotubes and alkylated fullerenes: nanocarbon hybrid towards photovoltaic applications. <i>Chemical Science</i> , 2011 , 2, 2243	9.4	45
36	Single-wall carbon nanotube latexes. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 649-53	9.5	46
35	Assembly of fullerene-carbon nanotubes: temperature indicator for photothermal conversion. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8566-8	16.4	76
34	Flowerlike supramolecular architectures assembled from C60 equipped with a pyridine substituent. <i>Chemical Communications</i> , 2010 , 46, 8752-4	5.8	38
33	Multi-layer electron transfer across nanostructured Ag-SAM-Au-SAM junctions probed by surface enhanced Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 9822-9	3.6	22
32	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1253-1260		82
31	Supramolecular templates for nanoflake-metal surfaces. <i>Chemistry - A European Journal</i> , 2009 , 15, 2763-7	7.8	53

30	Self-assembly made durable: water-repellent materials formed by cross-linking fullerene derivatives. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2166-70	16.4	85
29	Preparation of colorless ionic liquids "on water" for spectroscopy. <i>Talanta</i> , 2009 , 78, 805-8	6.2	11
28	Directing single-walled carbon nanotubes to self-assemble at water/oil interfaces and facilitate electron transfer. <i>Chemical Communications</i> , 2008 , 4273-5	5.8	30
27	Electron transport and electrochemistry of mesomorphic fullerenes with long-range ordered lamellae. <i>Journal of the American Chemical Society</i> , 2008 , 130, 9236-7	16.4	81
26	Simultaneous Synthesis of Polyaniline Nanotubules and Gold Nanoplates. <i>Crystal Growth and Design</i> , 2008 , 8, 1827-1832	3.5	13
25	Ion-responsive behavior of ionic-liquid surfactant aggregates with applications in controlled release and emulsification. <i>ChemPhysChem</i> , 2008 , 9, 2198-202	3.2	20
24	Fabrication and electrochemical characterization of electrostatic assembly of polyelectrolyte-functionalized ionic liquid and Prussian blue ultrathin films. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 616, 1-6	4.1	19
23	Direct electron transfer of horseradish peroxidase and its electrocatalysis based on carbon nanotube/thionine/gold composites. <i>Electrochemistry Communications</i> , 2008 , 10, 306-310	5.1	50
22	Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis. <i>Green Chemistry</i> , 2007 , 9, 746	10	31
21	Thionine-interlinked multi-walled carbon nanotube/gold nanoparticle composites. <i>Carbon</i> , 2007 , 45, 2111-2115	10.4	108
20	Electrostatic assembly of polyaniline and platinum-poly(amidoamine) dendrimers hybrid nanocomposite multilayer, and its electrocatalysis towards CO and O ₂ . <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 127-135	4.1	23
19	Fast and facile preparation of superhigh aspect-ratio Cu ₂ thiourea nanowires in large quantity. <i>Materials Letters</i> , 2007 , 61, 3632-3634	3.3	10
18	Carbon nanotubes and glucose oxidase bionanocomposite bridged by ionic liquid-like unit: preparation and electrochemical properties. <i>Biosensors and Bioelectronics</i> , 2007 , 23, 438-43	11.8	81
17	Electropolymerization and catalysis of well-dispersed polyaniline/carbon nanotube/gold composite. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 121-126	4.1	70
16	Enhanced response induced by polyelectrolyte-functionalized ionic liquid in glucose biosensor based on sol-gel organic/inorganic hybrid material. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 608, 78-83	4.1	26
15	Design and synthesis of multifunctional materials based on an ionic-liquid backbone. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5867-70	16.4	132
14	Design and Synthesis of Multifunctional Materials Based on an Ionic-Liquid Backbone. <i>Angewandte Chemie</i> , 2006 , 118, 5999-6002	3.6	26
13	Controlled synthesis of 2D Au nanostructure assembly with the assistance of sulfonated polyaniline nanotubes. <i>Nanotechnology</i> , 2006 , 17, 2641-8	3.4	8

12	Reinforcement of silica with single-walled carbon nanotubes through covalent functionalization. <i>Journal of Materials Chemistry</i> , 2006 , 16, 4592		58
11	An effective approach to synthesis of poly(methyl methacrylate)/silica nanocomposites. <i>Nanotechnology</i> , 2006 , 17, 4796-4801	3-4	31
10	Synthesis of highly faceted multiply twinned gold nanocrystals stabilized by polyoxometalates. <i>Nanotechnology</i> , 2006 , 17, 4689-94	3-4	27
9	One-step synthesis of 3D dendritic gold/polypyrrole nanocomposites via a self-assembly method. <i>Nanotechnology</i> , 2006 , 17, 283-288	3-4	35
8	Electropolymerization of polypyrrole on PFILBSS-modified electrodes without added support electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 596, 33-37	4-1	20
7	Immobilization of ionic liquid with polyelectrolyte as carrier. <i>Chemical Communications</i> , 2005 , 4193-5	5-8	76
6	Room-temperature ionic liquids as media to enhance the electrochemical stability of self-assembled monolayers of alkanethiols on gold electrodes. <i>Chemical Communications</i> , 2005 , 360-2	5-8	47
5	Comparison of two-typed (3-mercaptopropyl)trimethoxysilane-based networks on Au substrates. <i>Talanta</i> , 2005 , 65, 481-8	6.2	26
4	Electrochemical functionalization of single-walled carbon nanotubes in large quantities at a room-temperature ionic liquid supported three-dimensional network electrode. <i>Langmuir</i> , 2005 , 21, 4797-800		136
3	Self-assembled monolayers of 1-(2-cyanoethyl)pyrrole on gold electrode. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 257-258, 149-154	5-1	8
2	Poly-l-lysine Functionalization of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15343-15346	3-4	128
1	Quantitative evaluation of O ₂ activation half-reaction for Fe ^{III} in oxidase-like activity enhancement. <i>Catalysis Science and Technology</i> ,	5-5	0