

Fengna Xi

List of Publications by Year in descending order

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129
papers

14,511
citations

28274

55
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19190

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all docs

129
docs citations

129
times ranked

18788
citing authors

#	ARTICLE	IF	CITATIONS
1	Glowing Graphene Quantum Dots and Carbon Dots: Properties, Syntheses, and Biological Applications. <i>Small</i> , 2015, 11, 1620-1636.	10.0	1,770
2	Biological and chemical sensors based on graphene materials. <i>Chemical Society Reviews</i> , 2012, 41, 2283-2307.	38.1	1,591
3	Recent Advances on Graphene Quantum Dots: From Chemistry and Physics to Applications. <i>Advanced Materials</i> , 2019, 31, e1808283.	21.0	603
4	Novel C ₃ N ₄ @CdS composite photocatalysts with organic-inorganic heterojunctions: in situ synthesis, exceptional activity, high stability and photocatalytic mechanism. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3083.	10.3	471
5	Hydrothermal Synthesis of Graphitic Carbon Nitride@Bi ₂ WO ₆ Heterojunctions with Enhanced Visible Light Photocatalytic Activities. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7079-7085.	8.0	457
6	Facile Synthesis of Graphene Quantum Dots from 3D Graphene and their Application for Fe ³⁺ Sensing. <i>Advanced Functional Materials</i> , 2014, 24, 3021-3026.	14.9	446
7	Quantum dots derived from two-dimensional materials and their applications for catalysis and energy. <i>Chemical Society Reviews</i> , 2016, 45, 2239-2262.	38.1	391
8	BiOBr@carbon nitride heterojunctions: synthesis, enhanced activity and photocatalytic mechanism. <i>Journal of Materials Chemistry</i> , 2012, 22, 21159.	6.7	365
9	Systematic Bandgap Engineering of Graphene Quantum Dots and Applications for Photocatalytic Water Splitting and CO ₂ Reduction. <i>ACS Nano</i> , 2018, 12, 3523-3532.	14.6	341
10	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multi-Walled Carbon Nanotubes for Solid-State, Flexible, Asymmetric Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4651-4656.	13.8	334
11	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , 2018, 18, 586-594.	9.1	294
12	Recent progress in the development of near-infrared organic photothermal and photodynamic nanotherapeutics. <i>Biomaterials Science</i> , 2018, 6, 746-765.	5.4	250
13	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 8998-9009.	14.6	239
14	Graphene Quantum Dots as Universal Fluorophores and Their Use in Revealing Regulated Trafficking of Insulin Receptors in Adipocytes. <i>ACS Nano</i> , 2013, 7, 6278-6286.	14.6	229
15	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. <i>Advanced Materials</i> , 2017, 29, 1604764.	21.0	220
16	Facile synthesis of sulfur-doped graphene quantum dots as fluorescent sensing probes for Ag ⁺ ions detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 231-237.	7.8	194
17	Highly stretchable and autonomously healable epidermal sensor based on multi-functional hydrogel frameworks. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5949-5956.	10.3	187
18	Nitrogen and phosphorus co-doped graphene quantum dots: synthesis from adenosine triphosphate, optical properties, and cellular imaging. <i>Nanoscale</i> , 2015, 7, 8159-8165.	5.6	174

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19	pH-Triggered and Enhanced Simultaneous Photodynamic and Photothermal Therapy Guided by Photoacoustic and Photothermal Imaging. <i>Chemistry of Materials</i> , 2017, 29, 5216-5224.	6.7	170
20	Biomimetic composite scaffold of hydroxyapatite/gelatin-chitosan core-shell nanofibers for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 97, 325-335.	7.3	163
21	A graphene-cobalt oxide based needle electrode for non-enzymatic glucose detection in micro-droplets. <i>Chemical Communications</i> , 2012, 48, 6490.	4.1	155
22	Graphene quantum dots decorated graphitic carbon nitride nanorods for photocatalytic removal of antibiotics. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 56-65.	9.4	148
23	Three-dimensional electrochemical immunosensor for sensitive detection of carcinoembryonic antigen based on monolithic and macroporous graphene foam. <i>Biosensors and Bioelectronics</i> , 2015, 65, 281-286.	10.1	146
24	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. <i>ACS Nano</i> , 2016, 10, 3622-3629.	14.6	145
25	Graphene quantum dot engineered nickel-cobalt phosphide as highly efficient bifunctional catalyst for overall water splitting. <i>Nano Energy</i> , 2018, 48, 284-291.	16.0	143
26	Nanochannel-Confined Graphene Quantum Dots for Ultrasensitive Electrochemical Analysis of Complex Samples. <i>ACS Nano</i> , 2018, 12, 12673-12681.	14.6	129
27	Multilayered semiconducting polymer nanoparticles with enhanced NIR fluorescence for molecular imaging in cells, zebrafish and mice. <i>Chemical Science</i> , 2016, 7, 5118-5125.	7.4	113
28	One-step synthesis of boron-doped graphene quantum dots for fluorescent sensors and biosensor. <i>Talanta</i> , 2019, 199, 581-589.	5.5	112
29	Non-enzymatic detection of hydrogen peroxide using a functionalized three-dimensional graphene electrode. <i>Electrochemistry Communications</i> , 2013, 26, 81-84.	4.7	109
30	Tailoring the Electronic Properties of Graphene Quantum Dots by P Doping and Their Enhanced Performance in Metal-Free Composite Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2018, 122, 349-358.	3.1	108
31	Ratiometric Fluorescent Nanohybrid for Noninvasive and Visual Monitoring of Sweat Glucose. <i>ACS Sensors</i> , 2020, 5, 2096-2105.	7.8	108
32	Facile and scalable preparation of highly luminescent N,S co-doped graphene quantum dots and their application for parallel detection of multiple metal ions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6593-6600.	5.8	106
33	van der Waals Heterojunction between a Bottom-Up Grown Doped Graphene Quantum Dot and Graphene for Photoelectrochemical Water Splitting. <i>ACS Nano</i> , 2020, 14, 1185-1195.	14.6	100
34	Achieving stable and efficient water oxidation by incorporating NiFe layered double hydroxide nanoparticles into aligned carbon nanotubes. <i>Nanoscale Horizons</i> , 2016, 1, 156-160.	8.0	99
35	An aza-BODIPY photosensitizer for photoacoustic and photothermal imaging guided dual modal cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1566-1573.	5.8	96
36	Functionalization of Monolithic and Porous Three-Dimensional Graphene by One-Step Chitosan Electrodeposition for Enzymatic Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19997-20002.	8.0	95

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37	Nitrogen-rich graphitic carbon nitride: Controllable nanosheet-like morphology, enhanced visible light absorption and superior photocatalytic performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 508, 257-264.	4.7	94
38	One-pot synthesis of sulfur-doped graphene quantum dots as a novel fluorescent probe for highly selective and sensitive detection of lead(Pb^{2+}). <i>RSC Advances</i> , 2016, 6, 69977-69983.	3.6	93
39	Graphitic carbon nitride BiVO_4 heterojunctions: simple hydrothermal synthesis and high photocatalytic performances. <i>RSC Advances</i> , 2014, 4, 4187-4193.	3.6	92
40	Preparation of 2D graphitic carbon nitride nanosheets by a green exfoliation approach and the enhanced photocatalytic performance. <i>Journal of Materials Science</i> , 2017, 52, 13091-13102.	3.7	92
41	Simultaneous label-free and pretreatment-free detection of heavy metal ions in complex samples using electrodes decorated with vertically ordered silica nanochannels. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 364-371.	7.8	86
42	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. <i>Small</i> , 2017, 13, 1604139.	10.0	83
43	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2017, 27, 1700493.	14.9	82
44	Preparation and characterization of trypsin immobilized on silica gel supported macroporous chitosan bead. <i>Process Biochemistry</i> , 2005, 40, 2833-2840.	3.7	79
45	Graphitic carbon nitride/ Cu_2O heterojunctions: Preparation, characterization, and enhanced photocatalytic activity under visible light. <i>Journal of Solid State Chemistry</i> , 2014, 212, 1-6.	2.9	78
46	Naturally derived honeycomb-like N,S-codoped hierarchical porous carbon with MS_2 ($\text{M} = \text{Tj, ET, Q, O, D, rg, BT}$) overlayers. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10000-10006.	5.6	76
47	One-step construction of biosensor based on chitosan ionic liquid horseradish peroxidase biocomposite formed by electrodeposition. <i>Biosensors and Bioelectronics</i> , 2008, 24, 29-34.	10.1	74
48	Macroporous chitosan layer coated on non-porous silica gel as a support for metal chelate affinity chromatographic adsorbent. <i>Journal of Chromatography A</i> , 2004, 1057, 41-47.	3.7	73
49	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. <i>ACS Nano</i> , 2016, 10, 11475-11482.	14.6	71
50	N-doped mesoporous carbon by a hard-template strategy associated with chemical activation and its enhanced supercapacitance performance. <i>Electrochimica Acta</i> , 2017, 238, 269-277.	5.2	71
51	$\text{Bi}_2\text{MoO}_6/\text{g-C}_3\text{N}_4$ of 0D/2D heterostructure as efficient photocatalyst for selective oxidation of aromatic alkanes. <i>Applied Surface Science</i> , 2019, 490, 102-108.	6.1	69
52	Solvothermal synthesis and enhanced visible light photocatalytic activity of novel graphitic carbon nitride Bi_2MoO_6 heterojunctions. <i>Powder Technology</i> , 2014, 267, 126-133.	4.2	67
53	Facile surface modification of textiles with photocatalytic carbon nitride nanosheets and the excellent performance for self-cleaning and degradation of gaseous formaldehyde. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 144-153.	9.4	64
54	Graphene quantum dots as full-color and stimulus responsive fluorescence ink for information encryption. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 307-314.	9.4	63

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55	Quasi-homogeneous carbocatalysis for one-pot selective conversion of carbohydrates to 5-hydroxymethylfurfural using sulfonated graphene quantum dots. <i>Carbon</i> , 2018, 136, 224-233.	10.3	60
56	S-doped graphene quantum dots as nanophotocatalyst for visible light degradation. <i>Chinese Chemical Letters</i> , 2018, 29, 1698-1701.	9.0	59
57	Amphiphilic graphene quantum dots as a new class of surfactants. <i>Carbon</i> , 2019, 153, 127-135.	10.3	55
58	Three-dimensional macroscopic graphene supported vertically-ordered mesoporous silica-nanochannel film for direct and ultrasensitive detection of uric acid in serum. <i>Talanta</i> , 2022, 238, 123027.	5.5	53
59	Synergistic effects of phosphorous/sulfur co-doping and morphological regulation for enhanced photocatalytic performance of graphitic carbon nitride nanosheets. <i>Journal of Materials Science</i> , 2019, 54, 1593-1605.	3.7	52
60	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. <i>Nanoscale</i> , 2018, 10, 5442-5448.	5.6	50
61	One-step fabrication of novel superhydrophobic and superoleophilic sponge with outstanding absorbency and flame-retardancy for the selective removal of oily organic solvent from water. <i>Applied Surface Science</i> , 2018, 428, 338-347.	6.1	50
62	Fabrication of metal-free two dimensional/two dimensional homojunction photocatalyst using various carbon nitride nanosheets as building blocks. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 209-216.	9.4	49
63	Graphene quantum dots-assisted exfoliation of graphitic carbon nitride to prepare metal-free zero-dimensional/two-dimensional composite photocatalysts. <i>Journal of Materials Science</i> , 2018, 53, 12103-12114.	3.7	49
64	Graphene quantum dot-decorated luminescent porous silicon dressing for theranostics of diabetic wounds. <i>Acta Biomaterialia</i> , 2021, 131, 544-554.	8.3	49
65	Weavable, High-Performance, Solid-State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. <i>Advanced Electronic Materials</i> , 2016, 2, 1600102.	5.1	47
66	Bipolar silica nanochannel array for dual-mode electrochemiluminescence and electrochemical immunosensing platform. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132086.	7.8	47
67	Sweet graphene quantum dots for imaging carbohydrate receptors in live cells. <i>FlatChem</i> , 2017, 5, 25-32.	5.6	46
68	Enzymatic Degradation of Graphene Quantum Dots by Human Peroxidases. <i>Small</i> , 2019, 15, e1905405.	10.0	46
69	Functional nanostructure-loaded three-dimensional graphene foam as a non-enzymatic electrochemical sensor for reagentless glucose detection. <i>RSC Advances</i> , 2020, 10, 33739-33746.	3.6	45
70	One-step construction of reagentless biosensor based on chitosan-carbon nanotubes-nile blue-horseradish peroxidase biocomposite formed by electrodeposition. <i>Talanta</i> , 2009, 78, 1077-1082.	5.5	44
71	Graphene quantum dots assisted exfoliation of atomically-thin 2D materials and as-formed OD/2D van der Waals heterojunction for HER. <i>Carbon</i> , 2021, 184, 554-561.	10.3	43
72	The enhanced photocatalytic performance of Z-scheme two-dimensional/two-dimensional heterojunctions from graphitic carbon nitride nanosheets and titania nanosheets. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 263-270.	9.4	42

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73	Graphene quantum dots based fluorescence turn-on nanoprobe for highly sensitive and selective imaging of hydrogen sulfide in living cells. <i>Biomaterials Science</i> , 2018, 6, 779-784.	5.4	42
74	Facile preparation of N-doped graphene quantum dots as quick-dry fluorescent ink for anti-counterfeiting. <i>New Journal of Chemistry</i> , 2018, 42, 17091-17095.	2.8	41
75	Tissue Imprinting on 2D Nanoflakes-Capped Silicon Nanowires for Lipidomic Mass Spectrometry Imaging and Cancer Diagnosis. <i>ACS Nano</i> , 2022, 16, 6916-6928.	14.6	41
76	Discrimination and detection of bacteria with a label-free impedimetric biosensor based on self-assembled lectin monolayer. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 252-257.	3.8	40
77	Graphene Quantum Dots Decorated Titania Nanosheets Heterojunction: Efficient Charge Separation and Enhanced Visible-Light Photocatalytic Performance. <i>ChemCatChem</i> , 2017, 9, 3349-3357.	3.7	40
78	A co-delivery platform for synergistic promotion of angiogenesis based on biodegradable, therapeutic and self-reporting luminescent porous silicon microparticles. <i>Biomaterials</i> , 2021, 272, 120772.	11.4	40
79	Novel nylon-supported organic-inorganic hybrid membrane with hierarchical pores as a potential immobilized metal affinity adsorbent. <i>Journal of Chromatography A</i> , 2006, 1125, 38-51.	3.7	39
80	Highly Efficient Photo-Reduction of <i>p</i> -Nitrophenol by Protonated Graphitic Carbon Nitride Nanosheets. <i>ChemCatChem</i> , 2018, 10, 4747-4754.	3.7	39
81	Enhanced charge separation ability and visible light photocatalytic performance of graphitic carbon nitride by binary S, B co-doping. <i>Materials Research Bulletin</i> , 2018, 107, 477-483.	5.2	39
82	Silica Nanochannel Array Film Supported by γ -Cyclodextrin-Functionalized Graphene Modified Gold Film Electrode for Sensitive and Direct Electroanalysis of Acetaminophen. <i>Frontiers in Chemistry</i> , 2021, 9, 812086.	3.6	39
83	Improved adhesion and performance of vertically-aligned mesoporous silica-nanochannel film on reduced graphene oxide for direct electrochemical analysis of human serum. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 133-140.	7.8	38
84	One-step template/chemical blowing route to synthesize flake-like porous carbon nitride photocatalyst. <i>Materials Research Bulletin</i> , 2017, 94, 423-427.	5.2	36
85	Preparation of biomass-activated porous carbons derived from <i>torreya grandis</i> shell for high-performance supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2241-2249.	2.5	35
86	Gram-scale synthesis of nitrogen doped graphene quantum dots for sensitive detection of mercury ions and <i>L</i> -cysteine. <i>RSC Advances</i> , 2019, 9, 32977-32983.	3.6	35
87	Aqueous synthesis of amphiphilic graphene quantum dots and their application as surfactants for preparing of fluorescent polymer microspheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 77-83.	4.7	35
88	Highly sensitive biosensor based on bionanomultilayer with water-soluble multiwall carbon nanotubes for determination of phenolics. <i>Biosensors and Bioelectronics</i> , 2008, 24, 306-312.	10.1	34
89	Ultra-sensitive and wide-dynamic-range sensors based on dense arrays of carbon nanotube tips. <i>Nanoscale</i> , 2011, 3, 4854.	5.6	34
90	Confinement of fluorine anions in nickel-based catalysts for greatly enhancing oxygen evolution activity. <i>Chemical Communications</i> , 2020, 56, 4196-4199.	4.1	34

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91	Preparation of macroporous chitosan layer coated on silica gel and its application to affinity chromatography for trypsin inhibitor purification. <i>Reactive and Functional Polymers</i> , 2006, 66, 682-688.	4.1	33
92	Graphene quantum dots for ultrasensitive detection of acetylcholinesterase and its inhibitors. <i>2D Materials</i> , 2015, 2, 034018.	4.4	33
93	Development of a bienzyme system based on sugarâ€œlectin biospecific interactions for amperometric determination of phenols and aromatic amines. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 900-907.	7.8	31
94	Hybrid nanocomposite with visibleâ€œlight photocatalytic activity: CdSâ€œpillared titanate. <i>Chemical Engineering Journal</i> , 2012, 180, 330-336.	12.7	31
95	Magnetically separable porous carbon nanospheres as solid acid catalysts. <i>RSC Advances</i> , 2013, 3, 20999.	3.6	31
96	Dual anions engineering on nickel cobalt-based catalyst for optimal hydrogen evolution electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 127-134.	9.4	30
97	Regulatory networks of non-coding RNAs in brown/beige adipogenesis. <i>Bioscience Reports</i> , 2015, 35, .	2.4	28
98	Ionic liquid-capped graphene quantum dots as label-free fluorescent probe for direct detection of ferricyanide. <i>Talanta</i> , 2017, 165, 429-435.	5.5	28
99	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2020, 56, 5131-5134.	4.1	28
100	Colorimetric and Fluorescent Dual-Modality Sensing Platform Based on Fluorescent Nanozyme. <i>Frontiers in Chemistry</i> , 2021, 9, 774486.	3.6	28
101	Photoâ€œinduced Hydrogel Formation Based on gâ€œ ₃ </sub>N₄ Nanosheets with Selfâ€œCrossâ€œLinked 3D Framework for UV Protection Application. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800500.	3.6	26
102	A Flexible Electrochemiluminescence Sensor Equipped With Vertically Ordered Mesoporous Silica Nanochannel Film for Sensitive Detection of Clindamycin. <i>Frontiers in Chemistry</i> , 2022, 10, 872582.	3.6	26
103	Bienzyme bionanomultilayer electrode for glucose biosensing based on functional carbon nanotubes and sugarâ€œlectin biospecific interaction. <i>Analytical Biochemistry</i> , 2010, 403, 36-42.	2.4	25
104	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. <i>Current Medicinal Chemistry</i> , 2019, 26, 1389-1405.	2.4	24
105	Facile fabrication of N-doped TiO ₂ nanocatalyst with superior performance under visible light irradiation. <i>Journal of Solid State Chemistry</i> , 2013, 199, 280-286.	2.9	23
106	Soft-chemical synthesis of mesoporous nitrogen-modified titania with superior photocatalytic performance under visible light irradiation. <i>Chemical Engineering Journal</i> , 2013, 219, 155-161.	12.7	22
107	Integration of vertically-ordered mesoporous silica-nanochannel film with electro-activated glassy carbon electrode for improved electroanalysis in complex samples. <i>Talanta</i> , 2021, 225, 122066.	5.5	21
108	Mussel-inspired fabrication of novel superhydrophobic and superoleophilic sponge modified using a high density of nanoaggregates at low concentration of dopamine. <i>RSC Advances</i> , 2016, 6, 71905-71912.	3.6	20

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109	Uniform bionanomultilayer constructed with soluble multiwall carbon nanotubes and its application as biosensor. <i>Journal of Electroanalytical Chemistry</i> , 2008, 623, 135-141.	3.8	19
110	Synthesis of mesoporous CdS/titania composites with visible light photocatalytic activities. <i>Materials Letters</i> , 2012, 81, 95-98.	2.6	19
111	A Simple Layer-by-Layer Assembly Strategy for a Reagentless Biosensor Based on a Nanocomposite of Methylene Blue-Multiwalled Carbon Nanotubes. <i>Electroanalysis</i> , 2010, 22, 277-285.	2.9	18
112	Synthesis and application of ternary photocatalyst with a gradient band structure from two-dimensional nanosheets as precursors. <i>RSC Advances</i> , 2016, 6, 108955-108963.	3.6	18
113	Enhanced electrochemical performance of straw-based porous carbon fibers for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3449-3458.	2.5	18
114	Iron and nitrogen co-doped graphene quantum dots as highly active peroxidases for the sensitive detection of L-cysteine. <i>New Journal of Chemistry</i> , 2021, 45, 19056-19064.	2.8	18
115	Synthesis of Mn-intercalated layered titanate by exfoliation-flocculation approach and its efficient photocatalytic activity under visible light. <i>Journal of Solid State Chemistry</i> , 2012, 196, 282-287.	2.9	17
116	The effect of the chitosan membrane properties on the enzyme adsorption and performance for the construction of horseradish peroxidase biosensors. <i>Carbohydrate Polymers</i> , 2011, 85, 786-791.	10.2	16
117	Yellow-colored mesoporous pure titania and its high stability in visible light photocatalysis. <i>Powder Technology</i> , 2013, 245, 227-232.	4.2	15
118	Spectral and spatial characterization of upconversion luminescent nanocrystals as nanowaveguides. <i>Nanoscale</i> , 2017, 9, 9238-9245.	5.6	13
119	Selective analysis of reduced thiols with a novel bionanomultilayer biosensor based on the inhibition principle. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 642-649.	7.8	12
120	Vertically Ordered Mesoporous Silica-Nanochannel Film-Equipped Three-Dimensional Macroporous Graphene as Sensitive Electrochemiluminescence Platform. <i>Frontiers in Chemistry</i> , 2021, 9, 770512.	3.6	11
121	Thermo-driven catalytic degradation of organic dyes by graphitic carbon nitride with hydrogen peroxide. <i>Powder Technology</i> , 2017, 308, 114-122.	4.2	10
122	Integrative analyses of translome and transcriptome reveal important translational controls in brown and white adipose regulated by microRNAs. <i>Scientific Reports</i> , 2017, 7, 5681.	3.3	10
123	A reagentless electrochemical immunosensor based on probe immobilization and the layer-by-layer assembly technique for sensitive detection of tumor markers. <i>Analytical Methods</i> , 2015, 7, 9655-9662.	2.7	9
124	Schiff base tetranuclear Zn ₂ Ln ₂ single-molecule magnets bridged by hydroxamic acid in association with near-infrared luminescence. <i>Dalton Transactions</i> , 2022, 51, 6918-6926.	3.3	8
125	SO ₃ H-functionalized mesoporous carbon/silica composite with a spherical morphology and its excellent catalytic performance for biodiesel production. <i>Journal of Porous Materials</i> , 2013, 20, 1423-1431.	2.6	5
126	Dendritic cells reprogrammed by CEA messenger RNA loaded multi-functional silica nanospheres for imaging-guided cancer immunotherapy. <i>Biomaterials Science</i> , 2020, 8, 3026-3031.	5.4	5

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127	2- <i>O</i> -Methyl molecular beacon: a promising molecular tool that permits elimination of sticky-end pairing and improvement of detection sensitivity. <i>RSC Advances</i> , 2020, 10, 41618-41624.	3.6	4
128	Synthesis and layer-by-layer self-assembly of titania nanosheets controllably doped with binary transition metal ions. <i>Journal of Materials Research</i> , 2011, 26, 1285-1291.	2.6	2
129	Green synthesis of upconversion nanocrystals by adjusting local precursor supersaturation under aqueous conditions. <i>Materials Advances</i> , 2020, 1, 2707-2711.	5.4	1