

Zai-Cheng Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5774118/publications.pdf>

Version: 2024-02-01

157
papers

14,622
citations

26567

56
h-index

19136

118
g-index

162
all docs

162
docs citations

162
times ranked

18818
citing authors

#	ARTICLE	IF	CITATIONS
1	Compound Core-Shell Polymer Nanofibers by Co-Electrospinning. <i>Advanced Materials</i> , 2003, 15, 1929-1932.	11.1	1,076
2	Highly luminescent S, N co-doped graphene quantum dots with broad visible absorption bands for visible light photocatalysts. <i>Nanoscale</i> , 2013, 5, 12272.	2.8	1,018
3	Synthesis of Carbon Dots with Multiple Color Emission by Controlled Graphitization and Surface Functionalization. <i>Advanced Materials</i> , 2018, 30, 1704740.	11.1	778
4	Formation mechanism and optimization of highly luminescent N-doped graphene quantum dots. <i>Scientific Reports</i> , 2014, 4, 5294.	1.6	759
5	On-Off-On Fluorescent Carbon Dot Nanosensor for Recognition of Chromium(VI) and Ascorbic Acid Based on the Inner Filter Effect. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13242-13247.	4.0	700
6	Oxygen Vacancy Enhanced Photocatalytic Activity of Perovskite SrTiO ₃ . <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19184-19190.	4.0	608
7	Integrating Oxaliplatin with Highly Luminescent Carbon Dots: An Unprecedented Theranostic Agent for Personalized Medicine. <i>Advanced Materials</i> , 2014, 26, 3554-3560.	11.1	509
8	Fast Response and High Sensitivity Europium Metal Organic Framework Fluorescent Probe with Chelating Terpyridine Sites for Fe ³⁺ . <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1078-1083.	4.0	488
9	Self-Targeting Fluorescent Carbon Dots for Diagnosis of Brain Cancer Cells. <i>ACS Nano</i> , 2015, 9, 11455-11461.	7.3	439
10	A facile and versatile method for preparation of colored TiO ₂ with enhanced solar-driven photocatalytic activity. <i>Nanoscale</i> , 2014, 6, 10216-10223.	2.8	382
11	Red Emissive Sulfur, Nitrogen Codoped Carbon Dots and Their Application in Ion Detection and Theraonostics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18549-18556.	4.0	369
12	Tailoring color emissions from N-doped graphene quantum dots for bioimaging applications. <i>Light: Science and Applications</i> , 2015, 4, e364-e364.	7.7	366
13	Consciously Constructing Heterojunction or Direct Z-Scheme Photocatalysts by Regulating Electron Flow Direction. <i>ACS Catalysis</i> , 2018, 8, 2209-2217.	5.5	298
14	Three Colors Emission from S,N Co-doped Graphene Quantum Dots for Visible Light H ₂ Production and Bioimaging. <i>Advanced Optical Materials</i> , 2015, 3, 360-367.	3.6	276
15	Highly efficient p-type Cu ₃ P/n-type g-C ₃ N ₄ photocatalyst through Z-scheme charge transfer route. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 253-261.	10.8	240
16	Magnetic iron oxide nanoparticles as T ₁ contrast agents for magnetic resonance imaging. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1280-1290.	2.7	174
17	Surface Defects Enhanced Visible Light Photocatalytic H ₂ Production for ZnCdS Solid Solution. <i>Small</i> , 2016, 12, 793-801.	5.2	173
18	The formation mechanism and fluorophores of carbon dots synthesized via a bottom-up route. <i>Materials Chemistry Frontiers</i> , 2020, 4, 400-420.	3.2	166

#	ARTICLE	IF	CITATIONS
19	Effect of defects on photocatalytic activity of rutile TiO ₂ nanorods. Nano Research, 2015, 8, 4061-4071.	5.8	154
20	Operando chemistry of catalyst surfaces during catalysis. Chemical Society Reviews, 2017, 46, 2001-2027.	18.7	143
21	C–C Coupling on Single-Atom-Based Heterogeneous Catalyst. Journal of the American Chemical Society, 2018, 140, 954-962.	6.6	142
22	Peering into water splitting mechanism of g-C ₃ N ₄ -carbon dots metal-free photocatalyst. Applied Catalysis B: Environmental, 2018, 227, 418-424.	10.8	126
23	Enhanced photocatalytic N ₂ fixation via defective and fluoride modified TiO ₂ surface. Applied Catalysis B: Environmental, 2021, 282, 119580.	10.8	125
24	Templated Photocatalytic Synthesis of Well-Defined Platinum Hollow Nanostructures with Enhanced Catalytic Performance for Methanol Oxidation. Nano Letters, 2011, 11, 3759-3762.	4.5	119
25	Reduced TiO ₂ rutile nanorods with well-defined facets and their visible-light photocatalytic activity. Chemical Communications, 2014, 50, 2755-2757.	2.2	116
26	Free-standing nitrogen-doped carbon nanofiber films as highly efficient electrocatalysts for oxygen reduction. Nanoscale, 2013, 5, 9528.	2.8	111
27	Enhanced photocatalytic N ₂ fixation by promoting N ₂ adsorption with a co-catalyst. Science Bulletin, 2019, 64, 918-925.	4.3	109
28	Photocatalyst for High-Performance H ₂ Production: Ga-Doped Polymeric Carbon Nitride. Angewandte Chemie - International Edition, 2021, 60, 6124-6129.	7.2	108
29	Self-Templating Construction of 3D Hierarchical Macro-/Mesoporous Silicon from 0D Silica Nanoparticles. ACS Nano, 2017, 11, 889-899.	7.3	100
30	Carbogenic nanodots derived from organo-templated zeolites with modulated full-color luminescence. Chemical Science, 2016, 7, 3564-3568.	3.7	99
31	Hierarchically Structured Porous Nitrogen-Doped Carbon for Highly Selective CO ₂ Capture. ACS Sustainable Chemistry and Engineering, 2016, 4, 298-304.	3.2	97
32	Interference Effect of Alcohol on Nessler's Reagent in Photocatalytic Nitrogen Fixation. ACS Sustainable Chemistry and Engineering, 2018, 6, 5342-5348.	3.2	96
33	Nanostructured Gold Architectures Formed through High Pressure-Driven Sintering of Spherical Nanoparticle Arrays. Journal of the American Chemical Society, 2010, 132, 12826-12828.	6.6	93
34	Defective g-C ₃ N ₄ Prepared by the NaBH ₄ Reduction for High-Performance H ₂ Production. ACS Sustainable Chemistry and Engineering, 2019, 7, 2343-2349.	3.2	87
35	Deliberate construction of direct Z-scheme photocatalysts through photodeposition. Journal of Materials Chemistry A, 2019, 7, 18348-18356.	5.2	85
36	Constructing bulk defective perovskite SrTiO ₃ nanocubes for high performance photocatalysts. Nanoscale, 2016, 8, 16963-16968.	2.8	82

#	ARTICLE	IF	CITATIONS
55	Structure defects assisted photocatalytic H ₂ production for polythiophene nanofibers. Applied Catalysis B: Environmental, 2017, 211, 98-105.	10.8	61
56	High-spin state Fe(III) doped TiO ₂ for electrocatalytic nitrogen fixation induced by surface F modification. Applied Catalysis B: Environmental, 2022, 301, 120809.	10.8	61
57	Water soluble polyaniline and its blend films prepared by aqueous solution casting. Polymer, 1999, 40, 5723-5727.	1.8	59
58	Enhancing photocatalytic performance by constructing ultrafine TiO ₂ nanorods/g-C ₃ N ₄ nanosheets heterojunction for water treatment. Science Bulletin, 2018, 63, 683-690.	4.3	56
59	Recent advances of carbon dots as new antimicrobial agents. SmartMat, 2022, 3, 226-248.	6.4	56
60	Anchoring ultra-small TiO ₂ quantum dots onto ultra-thin and large-sized Mxene nanosheets for highly efficient photocatalytic water splitting. Ceramics International, 2021, 47, 21769-21776.	2.3	55
61	White Emissive Carbon Dots Actuated by the H-/J-Aggregates and Förster Resonance Energy Transfer. Journal of Physical Chemistry Letters, 2019, 10, 3849-3857.	2.1	53
62	Monodisperse Fluorescent Organic/Inorganic Composite Nanoparticles: Tuning Full Color Spectrum. Chemistry of Materials, 2012, 24, 3415-3419.	3.2	52
63	High-color-rendering flexible top-emitting warm-white organic light emitting diode with a transparent multilayer cathode. Organic Electronics, 2011, 12, 1137-1141.	1.4	51
64	Hydrogen-Bonding-Assisted Self-Assembly: Monodisperse Hollow Nanoparticles Made Easy. Journal of the American Chemical Society, 2009, 131, 13594-13595.	6.6	50
65	Ultra bright red AIE dots for cytoplasm and nuclear imaging. Polymer Chemistry, 2014, 5, 7013-7020.	1.9	50
66	Plasmonic Ag@Oxide Nanoprisms for Enhanced Performance of Organic Solar Cells. Small, 2015, 11, 2454-2462.	5.2	50
67	Effect on electrochemical reduction of nitrogen to ammonia under ambient conditions: Challenges and opportunities for chemical fuels. Journal of Energy Chemistry, 2021, 61, 304-318.	7.1	50
68	Boosting photocatalytic hydrogen production via enhanced exciton dissociation in black phosphorus quantum Dots/TiO ₂ heterojunction. Chemical Engineering Journal, 2022, 435, 135138.	6.6	49
69	Complete Oxidation of Methane on NiO Nanoclusters Supported on CeO ₂ Nanorods through Synergistic Effect. ACS Sustainable Chemistry and Engineering, 2018, 6, 6467-6477.	3.2	48
70	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in $\langle \cos(\phi_1 - \phi_2) \rangle$ at RHIC. Physical Review Letters, 2016, 116, 112302.	2.9	47
71	The effect of solvent dielectric properties on the collection of oriented electrospun fibers. Journal of Applied Polymer Science, 2012, 125, 2585-2594.	1.3	44
72	Constructing creatinine-derived moiety as donor block for carbon nitride photocatalyst with extended absorption and spatial charge separation. Applied Catalysis B: Environmental, 2021, 291, 120099.	10.8	44

#	ARTICLE	IF	CITATIONS
73	Polymerization of aniline in an aqueous system containing organic solvents. <i>Synthetic Metals</i> , 1998, 96, 1-6.	2.1	43
74	Se & N co-doped carbon dots for high-performance fluorescence imaging agent of angiography. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4988-4992.	2.9	43
75	A game-changing design of low-cost, large-size porous cocatalysts decorated by ultra-small photocatalysts for highly efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119923.	10.8	43
76	Velocity Distribution of Vibration-driven Granular Gas in Knudsen Regime in Microgravity. <i>Microgravity Science and Technology</i> , 2008, 20, 73-80.	0.7	42
77	A Novel Perovskite SrTiO ₃ ∕Ba ₂ FeNbO ₆ Solid Solution for Visible Light Photocatalytic Hydrogen Production. <i>Advanced Energy Materials</i> , 2017, 7, 1600932.	10.2	42
78	Plasma Hydrogenated TiO ₂ /Nickel Foam as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 885-894.	3.2	40
79	Surface hydrophobic modification enhanced catalytic performance of electrochemical nitrogen reduction reaction. <i>Nano Research</i> , 2022, 15, 3886-3893.	5.8	40
80	Constructing CdS/Cd-doped TiO ₂ Z-scheme type visible light photocatalyst for H ₂ production. <i>Science China Materials</i> , 2018, 61, 851-860.	3.5	39
81	A metal-free carbon dots for wastewater treatment by visible light active photo-Fenton-like reaction in the broad pH range. <i>Chinese Chemical Letters</i> , 2021, 32, 2292-2296.	4.8	37
82	Designing large-sized cocatalysts for fast charge separation towards highly efficient visible-light-driven hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 28545-28553.	3.8	37
83	Recent advance of carbon dots in bio-related applications. <i>JPhys Materials</i> , 2020, 3, 022003.	1.8	36
84	Photoluminescence: Synthesis of Carbon Dots with Multiple Color Emission by Controlled Graphitization and Surface Functionalization (<i>Adv. Mater.</i> 1/2018). <i>Advanced Materials</i> , 2018, 30, 1870002.	11.1	34
85	Water management by hierarchical structures for highly efficient solar water evaporation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7122-7128.	5.2	34
86	Synthesis of TiO ₂ nanoparticles in ultrathin block copolymer films—an integral geometry study. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 339, 80-85.	1.2	33
87	Recent progress on mitochondrial targeted cancer therapy based on inorganic nanomaterials. <i>Materials Today Chemistry</i> , 2019, 12, 240-260.	1.7	33
88	Monodisperse porous nanodiscs with fluorescent and crystalline wall structure. <i>Chemical Communications</i> , 2010, 46, 4941.	2.2	31
89	Feasibility studies of time-like proton electromagnetic form factors at $\overline{m P} P \hat{A}^-$ ANDA at FAIR. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	31
90	Boosting visible-light driven solar-fuel production over g-C ₃ N ₄ /tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid photocatalyst via incorporation with carbon dots. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118595.	10.8	31

#	ARTICLE	IF	CITATIONS
91	A facile and general approach to polynary semiconductor nanocrystals via a modified two-phase method. <i>Nanotechnology</i> , 2011, 22, 245605.	1.3	30
92	Experimental access to Transition Distribution Amplitudes with the P _i , ANDA experiment at FAIR. <i>European Physical Journal A</i> , 2015, 51, 1.	1.0	29
93	Phases of TiO_2 nanocrystals. <i>Physical Chemistry Letters</i> , 2014, 5, 12345.	1.7	29
94	Photocatalytic reduction of Cr(VI) by polyoxometalates/TiO ₂ electrospun nanofiber composites. <i>RSC Advances</i> , 2014, 4, 44322-44326.	1.7	27
95	Ag@TiO ₂ Nanoprisms with Highly Efficient Near-Infrared Photothermal Conversion for Melanoma Therapy. <i>Chemistry - an Asian Journal</i> , 2020, 15, 148-155.	1.7	27
96	Tuning the performance of nitrogen reduction reaction by balancing the reactivity of N ₂ and the desorption of NH ₃ . <i>Nano Research</i> , 2021, 14, 4093-4099.	5.8	27
97	Recent Advances of Ceria-Based Materials in the Oxidation of Carbon Monoxide. <i>Small Structures</i> , 2021, 2, 2000081.	6.9	26
98	Preparation and Application of Iron Oxide Nanoclusters. <i>Magnetochemistry</i> , 2019, 5, 45.	1.0	25
99	GISAXS investigation of nanoparticles in PS-b-PEO block-copolymer films. <i>Physica B: Condensed Matter</i> , 2005, 357, 141-143.	1.3	23
100	Photoluminescence quenching of CdTe/CdS core-shell quantum dots in aqueous solution by ZnO nanocrystals. <i>Journal of Luminescence</i> , 2011, 131, 1536-1540.	1.5	23
101	Smart polydiacetylene nanowire paper with tunable colorimetric response. <i>Journal of Materials Chemistry</i> , 2012, 22, 14839.	6.7	23
102	Improving photocatalytic hydrogen production via ultrafine-grained precipitates formed nearby surface defects of NiFe-LDH nanosheets. <i>Chemical Engineering Journal</i> , 2022, 446, 137301.	6.6	23
103	Synthesis of thermally stable Ag@TiO ₂ core-shell nanoprisms and plasmon-enhanced optical properties for a P3HT thin film. <i>RSC Advances</i> , 2013, 3, 6016.	1.7	22
104	Stable Ag@Oxides Nanoplates for Surface-Enhanced Raman Spectroscopy of Amino Acids. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8853-8858.	4.0	22
105	Au/g-C ₃ N ₄ heterostructure sensitized by black phosphorus for full solar spectrum waste-to-hydrogen conversion. <i>Science China Materials</i> , 2022, 65, 974-984.	3.5	22
106	In situ liquid cell transmission electron microscopy guiding the design of large-sized cocatalysts coupled with ultra-small photocatalysts for highly efficient energy harvesting. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13056-13064.	5.2	21
107	Photocatalyst for High-Performance H ₂ Production: Ga-Doped Polymeric Carbon Nitride. <i>Angewandte Chemie</i> , 2021, 133, 6189-6194.	1.6	21
108	Electrocatalytic Dechlorination of Chloroform in Aqueous Solution on Palladium/Titanium Electrode. <i>Chemical Engineering and Technology</i> , 2009, 32, 134-139.	0.9	20

#	ARTICLE	IF	CITATIONS
109	Preparation of highly luminescent and color tunable carbon nanodots under visible light excitation for in vitro and in vivo bio-imaging. <i>Journal of Materials Research</i> , 2015, 30, 3386-3393.	1.2	20
110	TiO ₂ nanosheet array thin film for self-cleaning coating. <i>RSC Advances</i> , 2015, 5, 9861-9864.	1.7	20
111	TiO ₂ sensitized by red-, green-, blue-emissive carbon dots for enhanced H ₂ production. <i>Rare Metals</i> , 2019, 38, 404-412.	3.6	20
112	CoNi Alloy Nanoparticles Encapsulated in N-Doped Graphite Carbon Nanotubes as an Efficient Electrocatalyst for Oxygen Reduction Reaction in an Alkaline Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8207-8213.	3.2	20
113	Defect density modulation of La ₂ TiO ₅ : An effective method to suppress electron-hole recombination and improve photocatalytic nitrogen fixation. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 748-755.	5.0	20
114	Synergistic CO ₂ reduction and tetracycline degradation by CuInZnS-Ti ₃ C ₂ T _x in one photoredox cycle. <i>Nano Research</i> , 2022, 15, 8010-8018.	5.8	20
115	Orientated anatase TiO ₂ nanocrystal array thin films for self-cleaning coating. <i>Chemical Communications</i> , 2013, 49, 8958.	2.2	19
116	Highly dispersed few-layer MoS ₂ nanosheets on S, N co-doped carbon for electrocatalytic H ₂ production. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1028-1037.	6.9	19
117	Functionalized ZnO@TiO ₂ nanorod array film loaded with ZnIn _{0.25} Cu _{0.02} S _{1.395} solid-solution: synthesis, characterization and enhanced visible light driven water splitting. <i>Nanoscale</i> , 2015, 7, 11082-11092.	2.8	18
118	Self-assembled porphyrin and macrocycle derivatives: From synthesis to function. <i>MRS Bulletin</i> , 2019, 44, 167-171.	1.7	18
119	Black-colored ZnO nanowires with enhanced photocatalytic hydrogen evolution. <i>Nanotechnology</i> , 2016, 27, 22LT01.	1.3	15
120	A synergetic effect between photogenerated carriers and photothermally enhanced electrochemical urea-assisted hydrogen generation on the Ni-NiO/Nickel Foam catalyst. <i>Materials Advances</i> , 2021, 2, 2104-2111.	2.6	15
121	Fe ₂ Mo ₃ O ₈ /XC-72 electrocatalyst for enhanced electrocatalytic nitrogen reduction reaction under ambient conditions. <i>Nano Research</i> , 2022, 15, 5940-5945.	5.8	15
122	Conductive polyaniline / poly- β -aminoundecanoyle blending fiber. <i>Synthetic Metals</i> , 1999, 102, 1198-1199.	2.1	14
123	Role of Nickel Nanoparticles in High-Performance TiO ₂ /Ni/Carbon Nanohybrid Lithium/Sodium-Ion Battery Anodes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1557-1569.	1.7	13
124	A new electrochemical method based on transfer at a liquid/liquid interface: Determination of barium and strontium. <i>Talanta</i> , 1988, 35, 673-677.	2.9	12
125	Core Cross-Linked Micelle-Based Nanoreactors for Efficient Photocatalysis. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2807-2812.	1.7	12
126	Hierarchical TiO ₂ spheres decorated with Au nanoparticles for visible light hydrogen production. <i>RSC Advances</i> , 2015, 5, 21237-21241.	1.7	11

#	ARTICLE	IF	CITATIONS
127	Recent advances of single-atom electrocatalysts for hydrogen evolution reaction. <i>JPhys Materials</i> , 2021, 4, 042002.	1.8	11
128	An innovative way to modulate the photoluminescence of carbonized polymer dots. <i>Light: Science and Applications</i> , 2022, 11, 81.	7.7	11
129	Bandgap engineering of MagnÃ©li phase TiO_2 : Electron-hole self-compensation. <i>Journal of Chemical Physics</i> , 2015, 143, 054701.	1.2	10
130	An annealing-free anatase TiO_2 nanocrystal film as an electron collection layer in organic solar cells. <i>RSC Advances</i> , 2015, 5, 88973-88978.	1.7	10
131	Impact of side-chain extension on physical and electronic properties of cross-conjugated Poly(thienylene vinylene)s (PTVs). <i>Polymer</i> , 2019, 166, 115-122.	1.8	9
132	Electrocatalytic water splitting using organic polymer materials-based hybrid catalysts. <i>MRS Bulletin</i> , 2020, 45, 562-568.	1.7	9
133	Preparation and properties of water-based conducting polyaniline. <i>Synthetic Metals</i> , 1999, 102, 1224-1225.	2.1	8
134	Highly efficient organic light-emitting devices by introducing traps in the hole-injection layer. <i>RSC Advances</i> , 2013, 3, 14616.	1.7	8
135	One-pot preparation of novel asymmetric structure nanoparticles and its application in catalysis. <i>RSC Advances</i> , 2014, 4, 43586-43589.	1.7	8
136	Template-free synthesis of titania architectures with controlled morphology evolution. <i>Journal of Materials Science</i> , 2016, 51, 3941-3956.	1.7	8
137	Highly efficient wurtzite/zinc blende CdS visible light photocatalyst with high charge separation efficiency and stability. <i>Journal of Chemical Physics</i> , 2020, 152, 244703.	1.2	8
138	Exciton diffusion controlled quantum efficiency in hybrid dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1604.	1.3	7
139	NMR and UV-Vis study on phenyl-capped oligoaniline salts. <i>Synthetic Metals</i> , 2001, 119, 313-314.	2.1	6
140	Porous titania/carbon hybrid microspheres templated by in situ formed polystyrene colloids. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 242-256.	5.0	5
141	Synthesis and characterization of phenyl-capped oligoanilines. <i>Synthetic Metals</i> , 2001, 119, 399-400.	2.1	4
142	Fabrication of Metal-Block-Copolymer Composite Films by a Palladium-Catalyzed Electroless Nickel-Plating Process. <i>Macromolecular Rapid Communications</i> , 2005, 26, 613-619.	2.0	4
143	Cooperative Self-Assembly-Assisted Formation of Monodisperse Optically Active Spherical and Anisotropic Nanoparticles. <i>Chemistry - A European Journal</i> , 2009, 15, 11128-11133.	1.7	4
144	Light absorption enhancement of ~ 100 nm thick poly(3-hexylthiophene) thin-film by embedding silver nanoparticles. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	4

#	ARTICLE	IF	CITATIONS
145	Photoluminescence: Three Colors Emission from S,N Co-doped Graphene Quantum Dots for Visible Light H ₂ Production and Bioimaging (Advanced Optical Materials 3 2015). Advanced Optical Materials, 2015, 3, 359-359.	3.6	4
146	Nanotube network arrays with nickel oxide canopies as flexible high-energy anodes for lithium storage. Journal of Alloys and Compounds, 2020, 847, 156366.	2.8	4
147	Efficient photocatalytic overall water splitting achieved with polymeric semiconductor-based Z-scheme heterostructures. Science China Chemistry, 2021, 64, 875-876.	4.2	4
148	Light-promoted activation of oxygen and carbon monoxide for low-temperature catalytic oxidation. Cell Reports Physical Science, 2021, 2, 100678.	2.8	4
149	Functional Polymer Nanofibers and Nanotubes via Electrospinning. ACS Symposium Series, 2006, , 163-172.	0.5	3
150	Transparent Coating with TiO ₂ Nanorods for High-performance Photocatalytic Self-cleaning and Environmental Remediation. Chemical Research in Chinese Universities, 2020, 36, 1097-1101.	1.3	3
151	Displacement Reaction-Assisted Synthesis of Sub-Nanometer Pt/Bi Boost Methanol-Tolerant Fuel Cells. Nanomaterials, 2022, 12, 1301.	1.9	2
152	Block copolymer “ a versatile template tool for nanomaterials. EXPRESS Polymer Letters, 2011, 5, 384-384.	1.1	1
153	Drawing of Spatially Oriented Electrospun Fibers. , 2009, , .		0
154	Carbon nanodots “ a new rising fluorescence star. EXPRESS Polymer Letters, 2013, 7, 211-211.	1.1	0
155	Size-controllable Synthesis of Hierarchically Structured Mesoporous Anatase TiO ₂ Microspheres Covered With {001} Facet. Materials Research Society Symposia Proceedings, 2013, 1578, 1.	0.1	0
156	Highly Efficient Fluorescent Carbon Quantum Dots: Synthesis, Properties and Applications. World Scientific Series in Nanoscience and Nanotechnology, 2017, , 81-111.	0.1	0
157	Electrospinning “ an easy way to produce nanomaterials. EXPRESS Polymer Letters, 2009, 3, 137-137.	1.1	0