Nan Zhang

List of Publications by Year
in descending order

143 papers	21,913 citations	20817 60 h-index	11052 137 g-index
146 all docs	146 docs citations	146 times ranked	23311 citing authors

#	Article	IF	Citations
1	Electrocatalysis for the oxygen evolution reaction: recent development and future perspectives. Chemical Society Reviews, 2017, 46, 337-365.	38.1	4,505
2	Defective TiO2 with oxygen vacancies: synthesis, properties and photocatalytic applications. Nanoscale, 2013, 5, 3601.	5.6	1,727
3	Waltzing with the Versatile Platform of Graphene to Synthesize Composite Photocatalysts. Chemical Reviews, 2015, 115, 10307-10377.	47.7	1,017
4	Recent progress on graphene-based photocatalysts: current status and future perspectives. Nanoscale, 2012, 4, 5792.	5.6	883
5	Graphene Transforms Wide Band Gap ZnS to a Visible Light Photocatalyst. The New Role of Graphene as a Macromolecular Photosensitizer. ACS Nano, 2012, 6, 9777-9789.	14.6	642
6	Synthesis of M@TiO₂ (M = Au, Pd, Pt) Coreâ€“Shell Nanocomposites with Tunable Photoreactivity. Journal of Physical Chemistry C, 2011, 115, 9136-9145.	3.1	558
7	Artificial photosynthesis over grapheneâ€“semiconductor composites. Are we getting better?. Chemical Society Reviews, 2014, 43, 8240-8254.	38.1	534
8	Hierarchically CdS Decorated 1D ZnO Nanorodsâ€2D Graphene Hybrids: Low Temperature Synthesis and Enhanced Photocatalytic Performance. Advanced Functional Materials, 2015, 25, 221-229.	14.9	394
9	Recent progress on metal core@semiconductor shell nanocomposites as a promising type of photocatalyst. Nanoscale, 2012, 4, 2227.	5.6	380
10	Nanochemistry-derived Bi₂WO₆nanostructures: towards production of sustainable chemicals and fuels induced by visible light. Chemical Society Reviews, 2014, 43, 5276-5287.	38.1	368
11	Toward Improving the Grapheneâ€“Semiconductor Composite Photoactivity <i>via</i> the Addition of Metal Ions as Generic Interfacial Mediator. ACS Nano, 2014, 8, 623-633.	14.6	352
12	Synthesis of One-Dimensional CdS@TiO₂ Coreâ€“Shell Nanocomposites Photocatalyst for Selective Redox: The Dual Role of TiO₂ Shell. ACS Applied Materials & Interfaces, 2012, 4, 6378-6385.	8.0	345
13	Synthesis of Fullereneâ€“, Carbon Nanotubeâ€“, and Grapheneâ€“TiO₂ Nanocomposite Photocatalysts for Selective Oxidation: A Comparative Study. ACS Applied Materials & Interfaces, 2013, 5, 1156-1164.	8.0	340
14	One-dimensional CdS@MoS2 core-shell nanowires for boosted photocatalytic hydrogen evolution under visible light. Applied Catalysis B: Environmental, 2017, 202, 298-304.	20.2	334
15	Assembly of CdS Nanoparticles on the Two-Dimensional Graphene Scaffold as Visible-Light-Driven Photocatalyst for Selective Organic Transformation under Ambient Conditions. Journal of Physical Chemistry C, 2011, 115, 23501-23511.	3.1	333
16	Identification of Bi2WO6 as a highly selective visible-light photocatalyst toward oxidation of glycerol to dihydroxyacetone in water. Chemical Science, 2013, 4, 1820.	7.4	313
17	Synthesis of grapheneâ€“ZnO nanorod nanocomposites with improved photoactivity and anti-photocorrosion. CrystEngComm, 2013, 15, 3022.	2.6	309
18	Constructing Ternary CdSâ€“Grapheneâ€“TiO₂ Hybrids on the Flatland of Graphene Oxide with Enhanced Visible-Light Photoactivity for Selective Transformation. Journal of Physical Chemistry C, 2012, 116, 18023-18031.	3.1	306

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19	Near-field dielectric scattering promotes optical absorption by platinum nanoparticles. Nature Photonics, 2016, 10, 473-482.	31.4	298
20	Structural diversity of graphene materials and their multifarious roles in heterogeneous photocatalysis. Nano Today, 2016, 11, 351-372.	11.9	283
21	Improving the photocatalytic performance of grapheneâ€“TiO2 nanocomposites via a combined strategy of decreasing defects of graphene and increasing interfacial contact. Physical Chemistry Chemical Physics, 2012, 14, 9167.	2.8	277
22	Microstructure and surface control of MXene films for water purification. Nature Sustainability, 2019, 2, 856-862.	23.7	273
23	Aggregation- and Leaching-Resistant, Reusable, and Multifunctional Pd@CeO₂ as a Robust Nanocatalyst Achieved by a Hollow Coreâ€“Shell Strategy. Chemistry of Materials, 2013, 25, 1979-1988.	6.7	230
24	Transforming CdS into an efficient visible light photocatalyst for selective oxidation of saturated primary Câ€“H bonds under ambient conditions. Chemical Science, 2012, 3, 2812.	7.4	229
25	A facile and green approach to synthesize Pt@CeO2 nanocomposite with tunable core-shell and yolk-shell structure and its application as a visible light photocatalyst. Journal of Materials Chemistry, 2011, 21, 8152.	6.7	218
26	Toward the enhanced photoactivity and photostability of ZnO nanospheres via intimate surface coating with reduced graphene oxide. Journal of Materials Chemistry A, 2014, 2, 9380.	10.3	204
27	Blue Quantum Dot Light-Emitting Diodes with High Electroluminescent Efficiency. ACS Applied Materials & Interfaces, 2017, 9, 38755-38760.	8.0	204
28	CdSâ€“graphene nanocomposites as visible light photocatalyst for redox reactions in water: A green route for selective transformation and environmental remediation. Journal of Catalysis, 2013, 303, 60-69.	6.2	202
29	Observing the Role of Graphene in Boosting the Two-Electron Reduction of Oxygen in Grapheneâ€“WO₃ Nanorod Photocatalysts. Langmuir, 2014, 30, 5574-5584.	3.5	192
30	An Efficient Self-Assembly of CdS Nanowiresâ€“Reduced Graphene Oxide Nanocomposites for Selective Reduction of Nitro Organics under Visible Light Irradiation. Journal of Physical Chemistry C, 2013, 117, 8251-8261.	3.1	186
31	Two-Dimensional MoS₂ Nanosheet-Coated Bi₂S₃ Discoids: Synthesis, Formation Mechanism, and Photocatalytic Application. Langmuir, 2015, 31, 4314-4322.	3.5	178
32	Dynamic Migration of Surface Fluorine Anions on Cobaltâ€Based Materials to Achieve Enhanced Oxygen Evolution Catalysis. Angewandte Chemie - International Edition, 2018, 57, 15471-15475.	13.8	178
33	Ti3C2Tx MXene as a Janus cocatalyst for concurrent promoted photoactivity and inhibited photocorrosion. Applied Catalysis B: Environmental, 2018, 237, 43-49.	20.2	174
34	Photoredox catalysis over graphene aerogel-supported composites. Journal of Materials Chemistry A, 2018, 6, 4590-4604.	10.3	171
35	A facile one-step way to anchor noble metal (Au, Ag, Pd) nanoparticles on a reduced graphene oxide mat with catalytic activity for selective reduction of nitroaromatic compounds. CrystEngComm, 2013, 15, 6819.	2.6	168
36	A critical and benchmark comparison on graphene-, carbon nanotube-, and fullerene-semiconductor nanocomposites as visible light photocatalysts for selective oxidation. Journal of Catalysis, 2013, 299, 210-221.	6.2	166

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37	Positioning MXenes in the Photocatalysis Landscape: Competitiveness, Challenges, and Future Perspectives. Advanced Functional Materials, 2020, 30, 2002528.	14.9	162
38	A simple yet efficient visible-light-driven CdS nanowires-carbon nanotube 1Dâ€“1D nanocomposite photocatalyst. Journal of Catalysis, 2014, 309, 146-155.	6.2	161
39	Function-Oriented Engineering of Metal-Based Nanohybrids for Photoredox Catalysis: Exerting Plasmonic Effect and Beyond. CheM, 2018, 4, 1832-1861.	11.7	147
40	Fabrication of coenocytic Pd@CdS nanocomposite as a visible light photocatalyst for selective transformation under mild conditions. Journal of Materials Chemistry, 2012, 22, 5042.	6.7	139
41	Enhancing the visible light photocatalytic performance of ternary CdSâ€“(grapheneâ€“Pd) nanocomposites via a facile interfacial mediator and co-catalyst strategy. Journal of Materials Chemistry A, 2014, 2, 19156-19166.	10.3	130
42	Multifarious roles of carbon quantum dots in heterogeneous photocatalysis. Journal of Energy Chemistry, 2016, 25, 927-935.	12.9	127
43	Vertically aligned ZnOâ€“Au@CdS coreâ€“shell nanorod arrays as an all-solid-state vectorial Z-scheme system for photocatalytic application. Journal of Materials Chemistry A, 2016, 4, 18804-18814.	10.3	122
44	A Simple Strategy for Fabrication of â€œPlum-Puddingâ€•Type Pd@CeO₂ Semiconductor Nanocomposite as a Visible-Light-Driven Photocatalyst for Selective Oxidation. Journal of Physical Chemistry C, 2011, 115, 22901-22909.	3.1	121
45	Graphene and its derivatives as versatile templates for materials synthesis and functional applications. Nanoscale, 2017, 9, 2398-2416.	5.6	121
46	Visible-Light-Driven Oxidation of Primary Câ€“H Bonds over CdS with Dual Co-catalysts Graphene and TiO2. Scientific Reports, 2013, 3, 3314.	3.3	116
47	Selective oxidation of benzyl alcohol over TiO2 nanosheets with exposed {001} facets: Catalyst deactivation and regeneration. Applied Catalysis A: General, 2013, 453, 181-187.	4.3	97
48	Graphene Oxide as a Surfactant and Support for In-Situ Synthesis of Auâ€“Pd Nanoalloys with Improved Visible Light Photocatalytic Activity. Journal of Physical Chemistry C, 2014, 118, 5299-5308.	3.1	97
49	Stressâ€Transferâ€Induced Inâ€…Situ Formation of Ultrathin Nickel Phosphide Nanosheets for Efficient Hydrogen Evolution. Angewandte Chemie - International Edition, 2018, 57, 13082-13085.	13.8	97
50	Artificial nitrogen fixation over bismuth-based photocatalysts: fundamentals and future perspectives. Journal of Materials Chemistry A, 2020, 8, 4978-4995.	10.3	97
51	Hollow cobalt phosphide octahedral pre-catalysts with exceptionally high intrinsic catalytic activity for electro-oxidation of water and methanol. Journal of Materials Chemistry A, 2018, 6, 20646-20652.	10.3	95
52	The endeavour to advance grapheneâ€“semiconductor composite-based photocatalysis. CrystEngComm, 2016, 18, 24-37.	2.6	89
53	3D graphene/AgBr/Ag cascade aerogel for efficient photocatalytic disinfection. Applied Catalysis B: Environmental, 2019, 245, 343-350.	20.2	87
54	Metal-free, robust, and regenerable 3D grapheneâ€“organics aerogel with high and stable photosensitization efficiency. Journal of Catalysis, 2017, 346, 21-29.	6.2	86

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55	Broadband Light Harvesting and Unidirectional Electron Flow for Efficient Electron Accumulation for Hydrogen Generation. Angewandte Chemie - International Edition, 2019, 58, 10003-10007.	13.8	86
56	Rising from the horizon: three-dimensional functional architectures assembled with MXene nanosheets. Journal of Materials Chemistry A, 2020, 8, 18538-18559.	10.3	86
57	Highly Conductive Transparent Organic Electrodes with Multilayer Structures for Rigid and Flexible Optoelectronics. Scientific Reports, 2015, 5, 10569.	3.3	77
58	A Unique Silk Mat-Like Structured Pd/CeO₂ as an Efficient Visible Light Photocatalyst for Green Organic Transformation in Water. ACS Sustainable Chemistry and Engineering, 2013, 1, 1258-1266.	6.7	74
59	Commercialization of graphene-based technologies: a critical insight. Chemical Communications, 2015, 51, 7090-7095.	4.1	74
60	Precursor chemistry matters in boosting photoredox activity of graphene/semiconductor composites. Nanoscale, 2015, 7, 18062-18070.	5.6	67
61	New insight into the enhanced visible light photocatalytic activity over boron-doped reduced graphene oxide. Nanoscale, 2015, 7, 7030-7034.	5.6	62
62	Dual-Functional WO₃ Nanocolumns with Broadband Antireflective and High-Performance Flexible Electrochromic Properties. ACS Applied Materials & Interfaces, 2016, 8, 27107-27114.	8.0	61
63	Bifunctional MoO₃â€“WO₃/Ag/MoO₃â€“WO₃ Films for Efficient ITOâ€“Free Electrochromic Devices. ACS Applied Materials & Interfaces, 2016, 8, 33842-33847.	8.0	56
64	Schottky Junctions with Bi Cocatalyst for Taming Aqueous Phase N₂ Reduction toward Enhanced Solar Ammonia Production. Advanced Science, 2021, 8, 2003626.	11.2	56
65	Coreâ€“Shell Structured Nanocomposites for Photocatalytic Selective Organic Transformations. Particle and Particle Systems Characterization, 2014, 31, 540-556.	2.3	51
66	2D Titanium Carbide (MXene) Based Films: Expanding the Frontier of Functional Film Materials. Advanced Functional Materials, 2021, 31, 2105043.	14.9	50
67	Achieving Highâ€Performance 3D K⁺â€Preâ€intercalated Ti₃C₂T_{<i>x</i>} MXene for Potassiumâ€Ion Hybrid Capacitors via Regulating Electrolyte Solvation Structure. Angewandte Chemie - International Edition, 2021, 60, 26246-26253.	13.8	50
68	Room-Temperature Assembled MXene-Based Aerogels for High Mass-Loading Sodium-Ion Storage. Nano-Micro Letters, 2022, 14, 37.	27.0	49
69	Light-tuned switching of charge transfer channel for simultaneously boosted photoactivity and stability. Applied Catalysis B: Environmental, 2018, 238, 19-26.	20.2	48
70	Aluminumâ€Based Plasmonic Photocatalysis. Particle and Particle Systems Characterization, 2017, 34, 1600357.	2.3	46
71	Bi-metallic cobalt-nickel phosphide nanowires for electrocatalysis of the oxygen and hydrogen evolution reactions. Catalysis Today, 2020, 358, 196-202.	4.4	46
72	Plasmonic enhanced photoelectrochemical and photocatalytic performances of 1D coaxial Ag@Ag₂S hybrids. Journal of Materials Chemistry A, 2017, 5, 21570-21578.	10.3	45

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73	WO₃â€Based Electrochromic Distributed Bragg Reflector: Toward Electrically Tunable Microcavity Luminescent Device. Advanced Optical Materials, 2018, 6, 1700791.	7.3	45
74	Ultrafine oxygen-defective iridium oxide nanoclusters for efficient and durable water oxidation at high current densities in acidic media. Journal of Materials Chemistry A, 2020, 8, 24743-24751.	10.3	45
75	One-dimensional CdS nanowiresâ€“CeO₂ nanoparticles composites with boosted photocatalytic activity. New Journal of Chemistry, 2015, 39, 6756-6764.	2.8	43
76	Trifunctional NiOâ€“Agâ€“NiO electrodes for ITO-free electrochromic supercapacitors. Journal of Materials Chemistry C, 2017, 5, 8408-8414.	5.5	43
77	Mesoporous Hybrid Electrolyte for Simultaneously Inhibiting Lithium Dendrites and Polysulfide Shuttle in Liâ€“S Batteries. Advanced Energy Materials, 2018, 8, 1703124.	19.5	42
78	Image parallel processing based on GPU. , 2010, , .		39
79	Insight into the Origin of Boosted Photosensitive Efficiency of Graphene from the Cooperative Experiment and Theory Study. Journal of Physical Chemistry C, 2016, 120, 27091-27103.	3.1	37
80	Insight into the Role of Size Modulation on Tuning the Band Gap and Photocatalytic Performance of Semiconducting Nitrogen-Doped Graphene. Langmuir, 2017, 33, 3161-3169.	3.5	36
81	Transparent organic thin film transistors with WO3/Ag/WO3 source-drain electrodes fabricated by thermal evaporation. Applied Physics Letters, 2013, 103, 033301.	3.3	35
82	Sb2O3/Ag/Sb2O3 Multilayer Transparent Conducting Films For Ultraviolet Organic Light-emitting Diode. Scientific Reports, 2017, 7, 41250.	3.3	35
83	Robust and easily retrievable Pd/Ti3C2T âŠ,graphene hydrogels for efficient catalytic hydrogenation of nitroaromatic compounds. Chinese Chemical Letters, 2020, 31, 1014-1017.	9.0	35
84	Asymmetric structure engineering of polymeric carbon nitride for visible-light-driven reduction reactions. Nano Energy, 2021, 87, 106168.	16.0	32
85	Tip-grafted Ag-ZnO nanorod arrays decorated with Au clusters for enhanced photocatalysis. Catalysis Today, 2020, 340, 121-127.	4.4	31
86	Improved Performance of Organic Light-Emitting Field-Effect Transistors by Interfacial Modification of Hole-Transport Layer/Emission Layer: Incorporating Organic Heterojunctions. ACS Applied Materials & Interfaces, 2016, 8, 14063-14070.	8.0	30
87	An adaptive geometry regulation strategy for 3D graphene materials: towards advanced hybrid photocatalysts. Chemical Science, 2018, 9, 8876-8882.	7.4	29
88	In situ synthesis of hierarchical In₂S₃â€“graphene nanocomposite photocatalyst for selective oxidation. RSC Advances, 2014, 4, 64484-64493.	3.6	28
89	Progress on Graphene-Based Composite Photocatalysts for Selective Organic Synthesis. Current Organic Chemistry, 2013, 17, 2503-2515.	1.6	28
90	Silver nanowire/polyimide composite transparent electrodes for reliable flexible polymer solar cells operating at high and ultra-low temperature. RSC Advances, 2015, 5, 24953-24959.	3.6	27

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91	Near-Infrared to Visible Organic Upconversion Devices Based on Organic Light-Emitting Field Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 36103-36110.	8.0	26
92	Stressâ€Transferâ€Induced Inâ€…Situ Formation of Ultrathin Nickel Phosphide Nanosheets for Efficient Hydrogen Evolution. Angewandte Chemie, 2018, 130, 13266-13269.	2.0	26
93	Ultrafine-Grained Porous Ir-Based Catalysts for High-Performance Overall Water Splitting in Acidic Media. ACS Applied Energy Materials, 2020, 3, 3736-3744.	5.1	26
94	Promoting Visibleâ€Light Photocatalysis with Palladium Species as Cocatalyst. ChemCatChem, 2015, 7, 2047-2054.	3.7	24
95	Nitrogen-doped Carbon with Modulated Surface Chemistry and Porous Structure by a Stepwise Biomass Activation Process towards Enhanced Electrochemical Lithium-Ion Storage. Scientific Reports, 2019, 9, 15032.	3.3	24
96	Nanocomposites of graphene-CdS as photoactive and reusable catalysts for visible-light-induced selective reduction process. Journal of Energy Chemistry, 2014, 23, 145-155.	12.9	23
97	Enhanced Performance and Flexibility of Perovskite Solar Cells Based on Microstructured Multilayer Transparent Electrodes. ACS Applied Materials & Interfaces, 2018, 10, 18141-18148.	8.0	23
98	Support interactions dictated active edge sites over MoS₂â€“carbon composites for hydrogen evolution. Nanoscale, 2020, 12, 1109-1117.	5.6	23
99	Porous hard carbon spheres derived from biomass for high-performance sodium/potassium-ion batteries. Nanotechnology, 2022, 33, 055401.	2.6	23
100	Low-Work-Function, ITO-Free Transparent Cathodes for Inverted Polymer Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 19960-19965.	8.0	21
101	Surface Chemistry and Mesopore Dual Regulation by Sulfurâ€Promised High Volumetric Capacity of Ti₃C₂T<i>_x</i> Films for Sodiumâ€Ion Storage. Small, 2021, 17, e2103626.	10.0	19
102	Graphene-supported mesoporous titania nanosheets for efficient photodegradation. Journal of Colloid and Interface Science, 2017, 505, 711-718.	9.4	18
103	Broadband Light Harvesting and Unidirectional Electron Flow for Efficient Electron Accumulation for Hydrogen Generation. Angewandte Chemie, 2019, 131, 10108-10112.	2.0	17
104	Electronic Coupling of Single Atom and FePS₃ Boosts Water Electrolysis. Energy and Environmental Materials, 2022, 5, 899-905.	12.8	16
105	Surfactant-free self-assembled MXene/carbon nanotubes hybrids for high-rate sodium- and potassium-ion storage. Journal of Alloys and Compounds, 2022, 901, 163426.	5.5	16
106	Black-colored ZnO nanowires with enhanced photocatalytic hydrogen evolution. Nanotechnology, 2016, 27, 22LT01.	2.6	15
107	Hierarchically tailorable double-array film hybrids with enhanced photocatalytic and photoelectrochemical performances. Applied Catalysis B: Environmental, 2019, 259, 118086.	20.2	15
108	Facile Fabrication of a Novel Au/Phosphorus-Doped g-C3N4 Photocatalyst with Excellent Visible Light Photocatalytic Activity. Catalysts, 2020, 10, 701.	3.5	15

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109	Utilizing tannic acid and polypyrrle to induce reconstruction to optimize the activity of MOF-derived electrocatalyst for water oxidation in seawater. Chemical Engineering Journal, 2022, 430, 132632.	12.7	15
110	Photocatalyst with Chloroplastâ€like Structure for Enhancing Hydrogen Evolution Reaction. Energy and Environmental Materials, 2022, 5, 1229-1237.	12.8	15
111	Eu and F co-doped ZnO-based transparent electrodes for organic and quantum dot light-emitting diodes. Journal of Materials Chemistry C, 2018, 6, 5542-5551.	5.5	14
112	Plasma-engineered bifunctional cobaltâ€“metal organic framework derivatives for high-performance complete water electrolysis. Nanoscale, 2021, 13, 6201-6211.	5.6	14
113	A retrospective on MXene-based composites for solar fuel production. Pure and Applied Chemistry, 2020, 92, 1953-1969.	1.9	14
114	Inhibiting Pd nanoparticle aggregation and improving catalytic performance using one-dimensional CeO2 nanotubes as support. Chinese Journal of Catalysis, 2013, 34, 1123-1127.	14.0	13
115	Random lasing realized in n-ZnO/p-MgZnO coreâ€“shell nanowire heterostructures. CrystEngComm, 2015, 17, 3917-3922.	2.6	13
116	Toward rational algorithmic design of collagen-based biomaterials through multiscale computational modeling. Current Opinion in Chemical Engineering, 2019, 24, 79-87.	7.8	13
117	Self-assembled transition metal chalcogenides@CoAl-LDH 2D/2D heterostructures with enhanced photoactivity for hydrogen evolution. Inorganic Chemistry Frontiers, 2022, 9, 994-1005.	6.0	13
118	Highly efficient oxygen evolution catalysis achieved by NiFe oxyhydroxide clusters anchored on carbon black. Journal of Materials Chemistry A, 2022, 10, 10342-10349.	10.3	13
119	Efficient Perovskite Solar Cells Based on Multilayer Transparent Electrodes through Morphology Control. Journal of Physical Chemistry C, 2016, 120, 26703-26709.	3.1	12
120	Design of novel structured Au/g-C₃N₄ nanosheet/reduced graphene oxide nanocomposites for enhanced visible light photocatalytic activities. Sustainable Energy and Fuels, 2020, 4, 4086-4095.	4.9	12
121	Electrostatically confined Bi/Ti₃C₂T_{<i>x</i>}on a sponge as an easily recyclable and durable catalyst for the reductive transformation of nitroarenes. Journal of Materials Chemistry A, 2021, 9, 19847-19853.	10.3	12
122	Dynamic Migration of Surface Fluorine Anions on Cobaltâ€Based Materials to Achieve Enhanced Oxygen Evolution Catalysis. Angewandte Chemie, 2018, 130, 15697-15701.	2.0	11
123	Co2P nanostructures by thermal decomposition: phase formation and magnetic properties. CrystEngComm, 2012, 14, 1197-1200.	2.6	10
124	Facial synthesis of two-dimensional In₂S₃/Ti₃C₂T_{<i>x</i>} heterostructures with boosted photoactivity for the hydrogenation of nitroaromatic compounds. Materials Chemistry Frontiers, 2021, 5, 6883-6890.	5.9	9
125	Transparent ambipolar organic thin film transistors based on multilayer transparent source-drain electrodes. Applied Physics Letters, 2016, 109, .	3.3	6
126	Transparent perovskite light-emitting diodes by employing organic-inorganic multilayer transparent top electrodes. Applied Physics Letters, 2017, 111, 213301.	3.3	6

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127	Emission characteristics of surface second-order metal grating distributed feedback semiconductor lasers. Science Bulletin, 2012, 57, 2083-2086.	1.7	5
128	Selectivity control of organic chemical synthesis over plasmonic metal-based photocatalysts. Catalysis Science and Technology, 2021, 11, 425-443.	4.1	5
129	The band engineering of 2D-hybridized PCN-Sb₂MoO₆-Bi₂O₃ nanomaterials with dual Z-scheme heterojunction for enhanced photocatalytic water splitting without sacrificial agents. Sustainable Energy and Fuels, 2021, 5, 2325-2334.	4.9	5
130	Determination of chemical ordering in the complex perovskite Pb(Cd_{1/3}Nb_{2/3})O₃. IUCrJ, 2018, 5, 808-815.	2.2	5
131	Stabilizing BiOCl/Ti₃C₂T_{<i>x</i>}hybrids for potassium-ion batteries<i>via</i>solid electrolyte interphase reconstruction. Inorganic Chemistry Frontiers, 2022, 9, 3165-3175.	6.0	5
132	Multifunctional Sensors Based on Doped Indium Oxide Nanocrystals. ACS Applied Materials & Interfaces, 2022, 14, 24648-24658.	8.0	5
133	Advances in materials engineering of CdS coupled with dual cocatalysts of graphene and MoS₂ for photocatalytic hydrogen evolution. Pure and Applied Chemistry, 2018, 90, 1379-1392.	1.9	4
134	Achieving Highâ€Performance 3D K⁺â€Preâ€intercalated Ti₃C₂T_{<i>x</i>} MXene for Potassiumâ€Ion Hybrid Capacitors via Regulating Electrolyte Solvation Structure. Angewandte Chemie, 2021, 133, 26450-26457.	2.0	3
135	Structure buckling hybrid reliability analysis of a supercavitating projectile using a model with truncated probability and multi-ellipsoid convex set uncertainties. Mechanics Based Design of Structures and Machines, 2017, 45, 173-189.	4.7	2
136	Solarâ€“Chemical Energy Conversion by Photocatalysis. Green Chemistry and Sustainable Technology, 2016, , 249-282.	0.7	1
137	Study on the Photoresponse Characteristics of Organic Light-Emitting Field-Effect Transistors. Journal of Physical Chemistry C, 2018, 122, 15190-15197.	3.1	1
138	Horizons Community Board collection â€“ emerging 2D materials for energy and electronics applications. Nanoscale Horizons, 2019, 4, 1027-1028.	8.0	1
139	LOS rate reconstruction and application of roll-pitch seeker. , 2011, , .		0
140	Research on the effect of clamp on rudder lift-drag characteristics. , 2011, , .		0
141	A new hybrid reliability index definition and its application to the structure buckling reliability analysis of supercavitating projectiles. Journal of Shanghai Jiaotong University (Science), 2016, 21, 467-471.	0.9	0
142	Horizons Community Board collection â€“ emerging 2D materials for energy and electronics applications. Materials Horizons, 2019, 6, 1092-1093.	12.2	0
143	Chemical ordering and relaxor properties in a novel solid solution of (1-x)Pb(Mg1/3Nb2/3)O3-xPb(Cd1/3Nb2/3)O3. Ferroelectrics, 2019, 553, 14-25.	0.6	0