

List of Publications by Citations

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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.

107 papers	6,761 citations	42 h-index	81 g-index
112 ext. papers	7,624 ext. citations	8.4 avg, IF	6.41 L-index

#	Paper	IF	Citations
107	In situ assembly of BiOI@Bi ₂ O ₃ /Cl ⁻ p-n junction: charge induced unique front-lateral surfaces coupling heterostructure with high exposure of BiOI {001} active facets for robust and nonselective photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2016 , 199, 75-86	21.8	494
106	Precursor-reforming protocol to 3D mesoporous g-C ₃ N ₄ established by ultrathin self-doped nanosheets for superior hydrogen evolution. <i>Nano Energy</i> , 2017 , 38, 72-81	17.1	441
105	N-doped graphene natively grown on hierarchical ordered porous carbon for enhanced oxygen reduction. <i>Advanced Materials</i> , 2013 , 25, 6226-31	24	358
104	Bi ₂ O ₂ (OH)(NO ₃) as a desirable [Bi ₂ O ₂] ²⁺ layered photocatalyst: strong intrinsic polarity, rational band structure and {001} active facets co-beneficial for robust photooxidation capability. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 24547-24556	13	310
103	Template-free precursor-surface-etching route to porous, thin g-C ₃ N ₄ nanosheets for enhancing photocatalytic reduction and oxidation activity. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17452-17463	13	260
102	In situ co-pyrolysis fabrication of CeO ₂ /g-C ₃ N ₄ n-p type heterojunction for synchronously promoting photo-induced oxidation and reduction properties. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17120-17129	13	256
101	A General and Facile Approach to Heterostructured Core/Shell BiVO ₄ /BiOI p-n Junction: Room-Temperature in Situ Assembly and Highly Boosted Visible-Light Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3262-3273	8.3	251
100	Dendritic silica particles with center-radial pore channels: promising platforms for catalysis and biomedical applications. <i>Small</i> , 2015 , 11, 392-413	11	217
99	Mesoporous silica nanoparticles with organo-bridged silsesquioxane framework as innovative platforms for bioimaging and therapeutic agent delivery. <i>Biomaterials</i> , 2016 , 91, 90-127	15.6	199
98	Intermediate-mediated strategy to horn-like hollow mesoporous ultrathin g-C ₃ N ₄ tube with spatial anisotropic charge separation for superior photocatalytic H ₂ evolution. <i>Nano Energy</i> , 2017 , 41, 738-748	17.1	179
97	Developing functionalized dendrimer-like silica nanoparticles with hierarchical pores as advanced delivery nanocarriers. <i>Advanced Materials</i> , 2013 , 25, 5981-5	24	173
96	Self-cleaning antireflective coatings assembled from peculiar mesoporous silica nanoparticles. <i>Langmuir</i> , 2010 , 26, 13528-34	4	154
95	Spherical silica micro/nanomaterials with hierarchical structures: synthesis and applications. <i>Nanoscale</i> , 2011 , 3, 3984-4002	7.7	149
94	In Situ Co-Crystallization for Fabrication of g-C ₃ N ₄ /Bi ₅ O ₇ I Heterojunction for Enhanced Visible-Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 17156-17165	3.8	138
93	Facile Fabrication of Raspberry-like Composite Nanoparticles and Their Application as Building Blocks for Constructing Superhydrophilic Coatings. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 9063-9070	3.8	129
92	Rational nanostructure design of graphitic carbon nitride for photocatalytic applications. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11584-11612	13	109
91	Amino-functionalized silica nanoparticles with center-radially hierarchical mesopores as ideal catalyst carriers. <i>Nanoscale</i> , 2012 , 4, 852-9	7.7	109

90	Disulfide-Bridged Organosilica Frameworks: Designed, Synthesis, Redox-Triggered Biodegradation, and Nanobiomedical Applications. <i>Advanced Functional Materials</i> , 2018 , 28, 1707325	15.6	106
89	Facet-charge-induced coupling dependent interfacial photocharge separation: A case of BiOI/g-C ₃ N ₄ p-n junction. <i>Applied Catalysis B: Environmental</i> , 2020 , 267, 118697	21.8	104
88	Facile fabrication of hierarchically structured silica coatings from hierarchically mesoporous silica nanoparticles and their excellent superhydrophilicity and superhydrophobicity. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 2365-72	9.5	95
87	Facile size-controllable syntheses of highly monodisperse polystyrene nano- and microspheres by polyvinylpyrrolidone-mediated emulsifier-free emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 1755-1760	2.9	95
86	Hollow Carbon Nanospheres with Tunable Hierarchical Pores for Drug, Gene, and Photothermal Synergistic Treatment. <i>Small</i> , 2017 , 13, 1602592	11	92
85	Fine-tuning of silica nanosphere structure by simple regulation of the volume ratio of cosolvents. <i>Langmuir</i> , 2010 , 26, 10057-62	4	92
84	Simultaneously promoting charge separation and photoabsorption of BiOX (X = Cl, Br) for efficient visible-light photocatalysis and photosensitization by compositing low-cost biochar. <i>Applied Surface Science</i> , 2016 , 386, 285-295	6.7	87
83	Hierarchically structured porous films of silica hollow spheres via layer-by-layer assembly and their superhydrophilic and antifogging properties. <i>ChemPhysChem</i> , 2008 , 9, 305-9	3.2	85
82	Easily and Synchronously Ameliorating Charge Separation and Band Energy Level in Porous g-C ₃ N ₄ for Boosting Photooxidation and Photoreduction Ability. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 10381-10389	3.8	81
81	Non-noble metal Bi deposition by utilizing Bi ₂ WO ₆ as the self-sacrificing template for enhancing visible light photocatalytic activity. <i>Applied Surface Science</i> , 2017 , 391, 491-498	6.7	78
80	Ferroelectric spontaneous polarization steering charge carriers migration for promoting photocatalysis and molecular oxygen activation. <i>Journal of Colloid and Interface Science</i> , 2018 , 509, 113-122	9.2	75
79	Dendritic fibrous nano-particles (DFNPs): rising stars of mesoporous materials. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5111-5152	13	73
78	A self-templated etching route to surface-rough silica nanoparticles for superhydrophobic coatings. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 1269-76	9.5	72
77	Hierarchically mesoporous silica nanoparticles: extraction, amino-functionalization, and their multipurpose potentials. <i>Langmuir</i> , 2011 , 27, 2972-9	4	72
76	Facile fabrication of hollow mesoporous silica nanospheres for superhydrophilic and visible/near-IR antireflection coatings. <i>Chemistry - A European Journal</i> , 2011 , 17, 8165-74	4.8	70
75	Bismuth oxychloride homogeneous phasejunction BiOCl/Bi ₁₂ O ₁₇ Cl ₂ with unselectively efficient photocatalytic activity and mechanism insight. <i>Applied Surface Science</i> , 2017 , 420, 303-312	6.7	68
74	Cancer-Cell-Specific Nuclear-Targeted Drug Delivery by Dual-Ligand-Modified Mesoporous Silica Nanoparticles. <i>Small</i> , 2015 , 11, 5919-26	11	68
73	Achieving Enhanced UV and Visible Light Photocatalytic Activity for Ternary Ag/AgBr/BiOIO ₃ : Decomposition for Diverse Industrial Contaminants with Distinct Mechanisms and Complete Mineralization Ability. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7777-7791	8.3	65

72	Achieving tunable photocatalytic activity enhancement by elaborately engineering composition-adjustable polynary heterojunctions photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2016 , 194, 62-73	21.8	61
71	Label-free dendrimer-like silica nanohybrids for traceable and controlled gene delivery. <i>Biomaterials</i> , 2014 , 35, 5580-90	15.6	54
70	Dendrimer-like hybrid particles with tunable hierarchical pores. <i>Nanoscale</i> , 2015 , 7, 6173-84	7.7	53
69	Tunable stellate mesoporous silica nanoparticles for intracellular drug delivery. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1712-1721	7.3	53
68	Intracellular Microenvironment-Responsive Dendrimer-Like Mesoporous Nanohybrids for Traceable, Effective, and Safe Gene Delivery. <i>Advanced Functional Materials</i> , 2014 , 24, 7627-7637	15.6	53
67	Vertically Aligned Nanosheets-Array-like BiOI Homo Junction: Three-in-One Promoting Photocatalytic Oxidation and Reduction Abilities. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5253-5264	8.3	51
66	EPGA-coated mesoporous silica nanoparticles with covalently attached prodrugs for enhanced cellular uptake and intracellular GSH-responsive release. <i>Advanced Healthcare Materials</i> , 2015 , 4, 771-81	10.1	42
65	Wettability behavior of special microscale ZnO nail-coated mesh films for oil-water separation. <i>Journal of Colloid and Interface Science</i> , 2015 , 458, 79-86	9.3	42
64	One-pot synthesis of redox-triggered biodegradable hybrid nanocapsules with a disulfide-bridged silsesquioxane framework for promising drug delivery. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 4455-4469	7.3	41
63	Dendritic porous yolk@ordered mesoporous shell structured heterogeneous nanocatalysts with enhanced stability. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21560-21569	13	37
62	Facile Preparation of F and N Codoped Pinecone-Like Titania Hollow Microparticles with Visible Light Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 14151-14158	3.8	37
61	One-pot fabrication of noble-metal nanoparticles that are encapsulated in hollow silica nanospheres: dual roles of poly(acrylic acid). <i>Chemistry - A European Journal</i> , 2012 , 18, 7878-85	4.8	35
60	Structurally colored surfaces with antireflective, self-cleaning, and antifogging properties. <i>Journal of Colloid and Interface Science</i> , 2012 , 381, 189-97	9.3	33
59	Broadband antireflective superhydrophilic antifogging nano-coatings based on three-layer system. <i>Microporous and Mesoporous Materials</i> , 2018 , 255, 84-93	5.3	31
58	In-depth insight into facet-dependent charge movement behaviors and photo-redox catalysis: A case of {001} and {010} facets BiOCl. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 174-183	9.3	30
57	Dendritic Janus Nanomotors with Precisely Modulated Coverages and Their Effects on Propulsion. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10426-10433	9.5	29
56	Regulation role of ibuprofen toward the morphology of porous silica nanospheres during its in situ encapsulation. <i>Journal of Colloid and Interface Science</i> , 2010 , 345, 269-77	9.3	29
55	Cancer Cell Membrane Camouflaged Semi-Yolk@Spiky-Shell Nanomotor for Enhanced Cell Adhesion and Synergistic Therapy. <i>Small</i> , 2020 , 16, e2003834	11	29

54	Broadband antireflective superhydrophobic self-cleaning coatings based on novel dendritic porous particles. <i>RSC Advances</i> , 2016 , 6, 7864-7871	3.7	28
53	Effects of F doping on TiO ₂ acidic sites and their application in QCM based gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2010 , 151, 205-211	8.5	28
52	Dendritic Silica Particles with Well-Dispersed Ag Nanoparticles for Robust Antireflective and Antibacterial Nanocoatings on Polymeric Glass. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14071-14081	8.3	28
51	Hollow mesoporous carbon@Pt Janus nanomotors with dual response of H ₂ O ₂ and near-infrared light for active cargo delivery. <i>Applied Materials Today</i> , 2019 , 17, 85-91	6.6	27
50	Systematic study of dye loaded small mesoporous silica nanoparticles for detecting latent fingerprints on various substrates. <i>Journal of Porous Materials</i> , 2017 , 24, 13-20	2.4	25
49	Achieving highly promoted visible-light sensitive photocatalytic activity on BiOIO ₃ via facile iodine doping. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 518, 158-165	5.1	24
48	Elaborate control over the morphology and structure of mercapto-functionalized mesoporous silicas as multipurpose carriers. <i>Dalton Transactions</i> , 2010 , 39, 9063-72	4.3	23
47	Novel yolk-shell polymer/carbon@Au nanocomposites by using dendrimer-like mesoporous silica nanoparticles as hard template. <i>Journal of Alloys and Compounds</i> , 2017 , 700, 83-91	5.7	22
46	Core@Satellite Janus Nanomotors with pH-Responsive Multi-phoretic Propulsion. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14368-14372	16.4	22
45	Dual visible-light active components containing self-doped Bi ₂ O ₃ /g-C ₃ N ₄ 2D-2D heterojunction with enhanced visible-light-driven photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 511, 64-72	5.1	22
44	NIR powered Janus nanocarrier for deep tumor penetration. <i>Applied Materials Today</i> , 2020 , 18, 100504	6.6	21
43	Size-dependent selectivity and activity of CO ₂ photoreduction over black nano-titanias grown on dendritic porous silica particles. <i>Applied Catalysis B: Environmental</i> , 2019 , 255, 117768	21.8	20
42	Intracellular microenvironment responsive polymers: a multiple-stage transport platform for high-performance gene delivery. <i>Small</i> , 2014 , 10, 871-7	11	20
41	Effect of surface topology morphologies of silica nanocarriers on the loading of Ag nanoparticles and antibacterial performance. <i>Journal of Alloys and Compounds</i> , 2019 , 783, 136-144	5.7	20
40	Multifunctional Hybrid Nanoparticles for Traceable Drug Delivery and Intracellular Microenvironment-Controlled Multistage Drug-Release in Neurons. <i>Small</i> , 2017 , 13, 1603966	11	18
39	Carrier effect in the synthesis of rattle-type Au@hollow silica nanospheres by impregnation and thermal decomposition method. <i>Microporous and Mesoporous Materials</i> , 2012 , 163, 201-210	5.3	18
38	A facile strategy to form three-dimensional network structure for mechanically robust superhydrophobic nanocoatings with enhanced transmittance. <i>Journal of Colloid and Interface Science</i> , 2020 , 563, 42-53	9.3	17
37	Construction of dendritic Janus nanomotors with HO and NIR light dual-propulsion via a Pickering emulsion. <i>Soft Matter</i> , 2020 , 16, 4961-4968	3.6	16

36	Facile synthesis of mesoporous organosilica nanobowls with bridged silsesquioxane framework by one-pot growth and dissolution mechanism. <i>Journal of Colloid and Interface Science</i> , 2018 , 528, 379-388	9.3	15
35	Tunable dendrimer-like porous silica nanospheres: Effects of structures and stacking manners on surface wettability. <i>Journal of Alloys and Compounds</i> , 2018 , 732, 70-79	5.7	15
34	Sulfur-doping synchronously ameliorating band energy structure and charge separation achieving decent visible-light photocatalysis of Bi ₂ O ₂ CO ₃ . <i>RSC Advances</i> , 2016 , 6, 94361-94364	3.7	14
33	Facile preparation of titania hollow spheres by combination of the mixed solvent method and the sol-gel process and post-calcination. <i>Materials Research Bulletin</i> , 2009 , 44, 1238-1243	5.1	13
32	Dendritic mesoporous organosilica nanoparticles (DMONs): Chemical composition, structural architecture, and promising applications. <i>Nano Today</i> , 2021 , 39, 101231	17.9	13
31	Dendrimer-like nanoparticles based β -galactosidase assembly for enhancing its selectivity toward transgalactosylation. <i>Enzyme and Microbial Technology</i> , 2016 , 84, 68-77	3.8	11
30	Homodimerization of 2H-chromenes catalyzed by Brønsted-acid derived UiO-66 MOFs. <i>Catalysis Science and Technology</i> , 2018 , 8, 3406-3413	5.5	11
29	Core@Satellite Janus Nanomotors with pH-Responsive Multi-phoretic Propulsion. <i>Angewandte Chemie</i> , 2020 , 132, 14474-14478	3.6	10
28	Janus dendritic silica/carbon@Pt nanomotors with multiengines for HO, near-infrared light and lipase powered propulsion. <i>Soft Matter</i> , 2020 , 16, 9553-9558	3.6	10
27	A facile 2H-chromene dimerization through an ortho-quinone methide intermediate catalyzed by a sulfonyl derived MIL-101 MOF. <i>New Journal of Chemistry</i> , 2018 , 42, 12722-12728	3.6	9
26	Picolinoyl functionalized MOF ligands for an air-promoted secondary alcohol oxidation with CuBr. <i>New Journal of Chemistry</i> , 2017 , 41, 4400-4405	3.6	8
25	Smart Design of Small Pd Nanoparticles Confined in Hollow Carbon Nanospheres with Large Center-Radial Mesopores. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2517-2524	2.3	8
24	Universal and one-step visualization of latent fingerprints on various surfaces using hydrophilic cellulose membrane and dye aqueous solution. <i>Science China Chemistry</i> , 2017 , 60, 1250-1257	7.9	8
23	Advanced micro/nanomotors for enhanced bioadhesion and tissue penetration. <i>Applied Materials Today</i> , 2021 , 23, 101034	6.6	8
22	Thioether-bridged mesoporous organosilica nanocapsules with weak acid-triggered charge reversal for drug delivery. <i>Microporous and Mesoporous Materials</i> , 2020 , 302, 110242	5.3	7
21	Nano-Au-modified TiO ₂ grown on dendritic porous silica particles for enhanced CO ₂ photoreduction. <i>Microporous and Mesoporous Materials</i> , 2021 , 310, 110635	5.3	7
20	Near-infrared light-driven yolk@shell carbon@silica nanomotors for fuel-free triglyceride degradation. <i>Nano Research</i> , 2021 , 14, 654-659	10	7
19	Label-free physical and electrochemical imaging of latent fingerprints by water and SECM. <i>Electrochimica Acta</i> , 2020 , 350, 136373	6.7	5

18	Rapid assessment of DNA damage induced by polystyrene nanosphere suspension using a photoelectrochemical DNA sensor. <i>Science China Chemistry</i> , 2011 , 54, 1260-1265	7.9	5
17	Exploration of accessibility of internal pore surface by using rigid nanoparticles as a probe for constructing the integrated nanocomposites. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152641	5.7	5
16	A Voltage-Responsive Free-Blockage Controlled-Release System Based on Hydrophobicity Switching. <i>ChemPhysChem</i> , 2017 , 18, 1317-1323	3.2	4
15	Growth of Cu-BTC MOFs on dendrimer-like porous silica nanospheres for the catalytic aerobic epoxidation of olefins. <i>New Journal of Chemistry</i> , 2020 , 44, 14350-14357	3.6	4
14	Ultrafine nano-TiO ₂ loaded on dendritic porous silica nanoparticles for robust transparent antifogging self-cleaning nanocoatings. <i>Ceramics International</i> , 2020 , 46, 23651-23661	5.1	3
13	Well-dispersed Pt nanoparticles with tunable sizes on dendritic porous silica nanospheres as an artificial enzyme. <i>Journal of Alloys and Compounds</i> , 2021 , 865, 158862	5.7	3
12	Simple and low cost fabrication of large area nanocoatings with mechanical robustness, enhanced broadband transmittance and antifogging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 629, 127522	5.1	3
11	Dendritic porous silica nanoparticles with high-curvature structures for a dual-mode DNA sensor based on fluorometer and person glucose meter. <i>Mikrochimica Acta</i> , 2021 , 188, 407	5.8	2
10	Stellate porous silica based surface-enhanced Raman scattering system for traceable gene delivery. <i>Chinese Chemical Letters</i> , 2021 , 32, 1942-1946	8.1	2
9	Wettability alteration in a functional capillary tube for visual quantitative point of care testing. <i>Analyst, The</i> , 2018 , 143, 3001-3005	5	2
8	Graphene: N-Doped Graphene Natively Grown on Hierarchical Ordered Porous Carbon for Enhanced Oxygen Reduction (Adv. Mater. 43/2013). <i>Advanced Materials</i> , 2013 , 25, 6150-6150	24	1
7	Mesoporous silica nanosheets with well-dispersed small Ag nanoparticles for the construction of robust transparent antibacterial nanocoatings. <i>Microporous and Mesoporous Materials</i> , 2021 , 328, 111476	5.3	1
6	Polyethylenimine-modified graphitic carbon nitride nanosheets: a label-free Raman traceable siRNA delivery system. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6895-6901	7.3	1
5	Gold Inlaid with Hair-Permanent Fluorescent Hair Dyeing Using Fast Protein-Assisted Biomineralization of Gold Nanoclusters. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 305-313	8.3	1
4	One-pot fabrication of crosslinked nanochains composed of resorcinol-formaldehyde resin hollow nanospheres with tunable shell thickness by using poly(acrylic acid) as template. <i>Materials Today Communications</i> , 2022 , 103281	2.5	0
3	Smart Design of Small Pd Nanoparticles Confined in Hollow Carbon Nanospheres with Large Center-Radial Mesopores. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2516-2516	2.3	0
2	Cancer Therapy: Cancer Cell Membrane Camouflaged Semi-Yolk@Spiky-Shell Nanomotor for Enhanced Cell Adhesion and Synergistic Therapy (Small 39/2020). <i>Small</i> , 2020 , 16, 2070215	11	0
1	Synthesis of dendritic porous silica nanospheres coated by polymer layer with well-dispersed ultrasmall Pt nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 618, 126407	5.1	0

