

Di Liu

List of Publications by Year in descending order

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32
papers

3,569
citations

257357

24
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

4357
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of visible photocatalytic activity via Ag@C ₃ N ₄ core-shell plasmonic composite. Applied Catalysis B: Environmental, 2014, 147, 82-91.	10.8	461
2	Self-Assembled PDINH Supramolecular System for Photocatalysis under Visible Light. Advanced Materials, 2016, 28, 7284-7290.	11.1	333
3	Enhanced catalytic activity of potassium-doped graphitic carbon nitride induced by lower valence position. Applied Catalysis B: Environmental, 2015, 164, 77-81.	10.8	329
4	Defect-related photoluminescence and photocatalytic properties of porous ZnO nanosheets. Journal of Materials Chemistry A, 2014, 2, 15377.	5.2	267
5	Supramolecular organic nanofibers with highly efficient and stable visible light photooxidation performance. Applied Catalysis B: Environmental, 2017, 202, 289-297.	10.8	195
6	Photodegradation of phenol via C ₃ N ₄ -agar hybrid hydrogel 3D photocatalysts with free separation. Applied Catalysis B: Environmental, 2016, 183, 263-268.	10.8	181
7	Enhancement of visible light mineralization ability and photocatalytic activity of BiPO ₄ /BiOI. Applied Catalysis B: Environmental, 2015, 163, 547-553.	10.8	176
8	Three-dimensional network structure assembled by g-C ₃ N ₄ nanorods for improving visible-light photocatalytic performance. Applied Catalysis B: Environmental, 2019, 255, 117761.	10.8	164
9	Photocatalytic degradation of deoxynivalenol using graphene/ZnO hybrids in aqueous suspension. Applied Catalysis B: Environmental, 2017, 204, 11-20.	10.8	160
10	Fluorine mediated photocatalytic activity of BiPO ₄ . Applied Catalysis B: Environmental, 2014, 147, 851-857.	10.8	121
11	Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. Applied Catalysis B: Environmental, 2018, 231, 251-261.	10.8	121
12	Fe ₁ N ₄ -O ₁ site with axial Fe-O coordination for highly selective CO ₂ reduction over a wide potential range. Energy and Environmental Science, 2021, 14, 3430-3437.	15.6	119
13	Enhancement of photocatalytic activity for BiPO ₄ via phase junction. Journal of Materials Chemistry A, 2014, 2, 13041-13048.	5.2	118
14	Constructing a novel Bi ₂ SiO ₅ /BiPO ₄ heterostructure with extended light response range and enhanced photocatalytic performance. Applied Catalysis B: Environmental, 2018, 236, 205-211.	10.8	105
15	Short-Range π-π Stacking Assembly on P25 TiO ₂ Nanoparticles for Enhanced Visible-Light Photocatalysis. ACS Catalysis, 2017, 7, 652-663.	5.5	98
16	Enhanced visible light photocatalytic performance of a novel heterostructured Bi ₄ O ₅ Br ₂ /Bi ₂ O ₃ Br ₁₀ /Bi ₂ SiO ₅ photocatalyst. Applied Catalysis B: Environmental, 2015, 172-173, 100-107.	10.8	94
17	Photocatalytic performance enhanced via surface bismuth vacancy of Bi ₆ S ₂ O ₁₅ core/shell nanowires. Applied Catalysis B: Environmental, 2015, 176-177, 306-314.	10.8	86
18	Separation free C ₃ N ₄ /SiO ₂ hybrid hydrogels as high active photocatalysts for TOC removal. Applied Catalysis B: Environmental, 2016, 194, 105-110.	10.8	81

#	ARTICLE	IF	CITATIONS
19	Recent developments of perylene diimide (PDI) supramolecular photocatalysts: A review. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2021, 48, 100436.	5.6	66
20	Highly Efficient Organic Photocatalyst with Full Visible Light Spectrum through π - π Stacking of TCNQ π -PTCDI. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30225-30231.	4.0	60
21	Ultrathin TiO ₂ (B) Nanosheets as the Inductive Agent for Transferring H ₂ O ₂ into Superoxide Radicals. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15533-15540.	4.0	51
22	A superior photocatalytic performance of a novel Bi ₂ SiO ₅ flower-like microsphere via a phase junction. <i>Nanoscale</i> , 2014, 6, 15222-15227.	2.8	48
23	Enhanced visible-light photocatalysis via back-electron transfer from palladium quantum dots to perylene diimide. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 49-57.	10.8	38
24	An anion exchange strategy for construction of a novel Bi ₂ SiO ₅ /Bi ₂ MoO ₆ heterostructure with enhanced photocatalytic performance. <i>Catalysis Science and Technology</i> , 2018, 8, 3278-3285.	2.1	28
25	Improved photocatalytic activity of MWCNT/BiOBr composite synthesized via interfacial covalent bonding linkage. <i>Chemical Physics Letters</i> , 2019, 729, 42-48.	1.2	22
26	Enhanced visible-light photocatalytic activity of perylene diimide (PDI) supramolecular nanorods with Pt QDs deposited <i>in situ</i> . <i>Dalton Transactions</i> , 2021, 50, 4008-4016.	1.6	20
27	Corn-like mesoporous SnO ₂ /Fe ₂ O ₃ heterostructure for superior TEA sensing performance. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	7
28	ZnSnO ₃ Quantum Dot/Perylene Diimide Supramolecular Nanorod Heterojunction Photocatalyst for Efficient Phenol Degradation. <i>ACS Applied Nano Materials</i> , 2022, 5, 9829-9839.	2.4	7
29	Heterostructured Perylene Diimide (PDI) Supramolecular Nanorods with SnO ₂ Quantum Dots for Enhanced Visible-Light Photocatalytic Activity and Stability. <i>ChemCatChem</i> , 2022, 14, .	1.8	6
30	Photocatalytic performance of heterojunction S-Tyr-NDI-Tyr/TiO ₂ formed by self-assembled naphthalimide derivatives and titanium dioxide. <i>Chemosphere</i> , 2022, 296, 134046.	4.2	3
31	Urchin-like core-shell heterostructure of In ₂ O ₃ nanowires-coated ZnO microspheres with enhanced triethylamine gas-sensing properties. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	3
32	Pd-Loaded In ₂ O ₃ Hollow Spheres with Enhanced Formaldehyde Sensing at Low Temperature. <i>Nano</i> , 2021, 16, 2150006.	0.5	1