

# Shuanglong Lin

## List of Publications by Year in descending order

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30  
papers

1,834  
citations

471061

17  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2324  
citing authors

#	ARTICLE	IF	CITATIONS
1	A stable Ag <sub>3</sub> PO <sub>4</sub> @g-C <sub>3</sub> N <sub>4</sub> hybrid core@shell composite with enhanced visible light photocatalytic degradation. Applied Catalysis B: Environmental, 2016, 183, 133-141.	10.8	466
2	A stable Ag <sub>3</sub> PO <sub>4</sub> @PANI core@shell hybrid: Enrichment photocatalytic degradation with ĩĕĕ conjugation. Applied Catalysis B: Environmental, 2017, 201, 92-104.	10.8	285
3	Oil-in-water self-assembled Ag@AgCl QDs sensitized Bi <sub>2</sub> WO <sub>6</sub> : Enhanced photocatalytic degradation under visible light irradiation. Applied Catalysis B: Environmental, 2015, 164, 192-203.	10.8	239
4	Surface oxygen vacancy modified Bi <sub>2</sub> MoO <sub>6</sub> /MIL-88B(Fe) heterostructure with enhanced spatial charge separation at the bulk & interface. Applied Catalysis B: Environmental, 2020, 268, 118740.	10.8	173
5	Photocatalytic nitrogen fixation: Oxygen vacancy modified novel micro-nanosheet structure Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> with band gap engineering. Journal of Colloid and Interface Science, 2021, 583, 499-509.	5.0	87
6	Nano Ag@AgBr surface-sensitized Bi <sub>2</sub> WO <sub>6</sub> photocatalyst: oil-in-water synthesis and enhanced photocatalytic degradation. Applied Surface Science, 2015, 324, 20-29.	3.1	65
7	Stable Cu <sub>2</sub> O@g-C <sub>3</sub> N <sub>4</sub> core@shell nanostructures: Efficient visible-light photocatalytic hydrogen evolution. Materials Letters, 2015, 158, 278-281.	1.3	55
8	Dramatic activity of a Bi <sub>2</sub> WO <sub>6</sub> @g-C <sub>3</sub> N <sub>4</sub> photocatalyst with a core@shell structure. RSC Advances, 2015, 5, 99339-99346.	1.7	54
9	Enhanced visible light photocatalytic activity by Cu <sub>2</sub> O-coupled flower-like Bi <sub>2</sub> WO <sub>6</sub> structures. Applied Surface Science, 2016, 364, 505-515.	3.1	53
10	Plasmon-enhanced photocatalytic properties of nano Ag@AgBr on single-crystalline octahedral Cu <sub>2</sub> O (1 1 1) microcrystals composite photocatalyst. Applied Surface Science, 2015, 330, 94-103.	3.1	38
11	Cu <sub>2</sub> O NPs/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> flower-like complex photocatalysts with enhanced visible light photocatalytic degradation of organic pollutants. Catalysis Today, 2017, 297, 237-245.	2.2	38
12	Metal free and efficient photoelectrocatalytic removal of organic contaminants over g-C <sub>3</sub> N <sub>4</sub> nanosheet films decorated with carbon quantum dots. RSC Advances, 2017, 7, 56335-56343.	1.7	38
13	Oxygen vacancy modified Bi <sub>2</sub> MoO <sub>6</sub> /WO <sub>3</sub> electrode with enhanced photoelectrocatalytic degradation activity toward RhB. Fuel, 2021, 285, 119171.	3.4	30
14	Rational design of Co nano-dots embedded three-dimensional graphene gel as multifunctional sulfur cathode for fast sulfur conversion kinetics. Journal of Energy Chemistry, 2021, 56, 132-140.	7.1	25
15	Facile hydrothermal synthesis of nanocomposite Ag@AgCl/K <sub>2</sub> Ti <sub>4</sub> O <sub>9</sub> and photocatalytic degradation under visible light irradiation. Journal of Molecular Catalysis A, 2014, 383-384, 231-238.	4.8	21
16	Cu <sub>2</sub> O NPs decorated BiPO <sub>4</sub> photo-catalyst for enhanced organic contaminant degradation under visible light irradiation. RSC Advances, 2016, 6, 29202-29209.	1.7	20
17	Cu <sub>2</sub> S nanoparticles modified 3D flowerlike Bi <sub>2</sub> WO <sub>6</sub> : Enhanced photoelectric performance and photocatalytic degradation. Materials Letters, 2015, 160, 351-354.	1.3	19
18	Enhanced Photocatalytic Activity toward Organic Pollutants Degradation and Mechanism Insight of Novel CQDs/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> Composite. Nanomaterials, 2018, 8, 330.	1.9	19

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19	Enhanced photocatalytic activity of Ag/CQDs/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> composite photocatalyst under full-spectrum light. <i>Materials Letters</i> , 2019, 234, 264-268.	1.3	18
20	Salinity, temperature and pressure effect on hydrogen wettability of carbonate rocks. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 11303-11311.	3.8	17
21	Synthesis and photocatalytic performance of an efficient Ag@AgBr/K <sub>2</sub> Ti <sub>4</sub> O <sub>9</sub> composite photocatalyst under visible light. <i>Materials Research Bulletin</i> , 2014, 56, 25-33.	2.7	12
22	Oil-in-Water Self-Assembled Synthesis of Ag@AgCl Nano-Particles on Flower-like Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> with Enhanced Visible-Light-Driven Photocatalytic Activity. <i>Materials</i> , 2016, 9, 486.	1.3	11
23	The engineering of surface plasmon resonance and up-conversion to improve the photocatalytic performance of MIL-53(Fe) over the full solar spectrum. <i>Journal of Materials Science</i> , 2020, 55, 997-1011.	1.7	11
24	Growth of nano Ag@AgCl on (111) facets of Cu <sub>2</sub> O microcrystals with an enhanced photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 62306-62313.	1.7	8
25	Enhanced Visible Light Photocatalytic Degradation of Organic Pollutants over Flower-Like Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> Dotted with Ag@AgBr. <i>Materials</i> , 2016, 9, 882.	1.3	7
26	An oil-in-water self-assembly synthesis, characterization and photocatalytic properties of nano Ag@AgCl surface-sensitized K <sub>2</sub> Ti <sub>4</sub> O <sub>9</sub> . <i>Materials Research Bulletin</i> , 2014, 60, 382-390.	2.7	6
27	Facile hydrothermal synthesis of plasmonic photocatalyst Ag@AgCl and degradative photocatalysis under visible light irradiation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 84-91.	0.4	6
28	Study of the Adsorption Behavior of Surfactants on Carbonate Surface by Experiment and Molecular Dynamics Simulation. <i>Frontiers in Chemistry</i> , 2022, 10, 847986.	1.8	6
29	Photocatalytic activity of Ag@AgI sensitized K <sub>2</sub> Ti <sub>4</sub> O <sub>9</sub> nanoparticles under visible light irradiation. <i>Journal of Molecular Structure</i> , 2015, 1081, 260-267.	1.8	5
30	An oil-in-water self-assembly synthesis, characterization and photocatalytic properties of nano Ag@AgBr sensitized K <sub>2</sub> Ti <sub>4</sub> O <sub>9</sub> . <i>Materials Science in Semiconductor Processing</i> , 2015, 39, 339-347.	1.9	2