

# Shi Lan

## List of Publications by Year in descending order

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17  
papers

893  
citations

759233

12  
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888059

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docs citations

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times ranked

1327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying Fe <sub>3</sub> O <sub>4</sub> -Functionalized Nanoparticles with N-Halamine and Their Magnetic/Antibacterial Properties. ACS Applied Materials & Interfaces, 2011, 3, 4228-4235.	8.0	133
2	Microscale Hierarchical Three-Dimensional Flowerlike TiO <sub>2</sub> /PANI Composite: Synthesis, Characterization, and Its Remarkable Photocatalytic Activity on Organic Dyes under UV-Light and Sunlight Irradiation. Journal of Physical Chemistry C, 2014, 118, 18343-18355.	3.1	130
3	Hierarchical Hollow Structure ZnO: Synthesis, Characterization, and Highly Efficient Adsorption/Photocatalysis toward Congo Red. Industrial & Engineering Chemistry Research, 2014, 53, 3131-3139.	3.7	111
4	Insight into Biological Effects of Zinc Oxide Nanoflowers on Bacteria: Why Morphology Matters. ACS Applied Materials & Interfaces, 2016, 8, 10109-10120.	8.0	109
5	Barbituric Acid-Based Magnetic N-Halamine Nanoparticles as Recyclable Antibacterial Agents. ACS Applied Materials & Interfaces, 2013, 5, 8125-8133.	8.0	71
6	Synthesis of N-halamine-functionalized silica-polymer core-shell nanoparticles and their enhanced antibacterial activity. Nanotechnology, 2011, 22, 295602.	2.6	64
7	Preparation of magnetically separable N-halamine nanocomposites for the improved antibacterial application. Journal of Colloid and Interface Science, 2011, 364, 333-340.	9.4	58
8	N-halamine-decorated polystyrene nanoparticles based on 5-allylbarbituric acid: From controllable fabrication to bactericidal evaluation. Journal of Colloid and Interface Science, 2014, 413, 92-99.	9.4	50
9	Bactericidal evaluation of N-halamine-functionalized silica nanoparticles based on barbituric acid. Colloids and Surfaces B: Biointerfaces, 2014, 113, 450-457.	5.0	42
10	Decorating CdTe QD-Embedded Mesoporous Silica Nanospheres with Ag NPs to Prevent Bacteria Invasion for Enhanced Anticounterfeit Applications. ACS Applied Materials & Interfaces, 2015, 7, 10022-10033.	8.0	42
11	Sesbania gum-based magnetic carbonaceous nanocomposites: Facile fabrication and adsorption behavior. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 446, 163-171.	4.7	30
12	Modification of Antibacterial ZnO Nanorods with CeO <sub>2</sub> Nanoparticles: Role of CeO <sub>2</sub> in Impacting Morphology and Antibacterial Activity. Colloids and Interface Science Communications, 2018, 26, 32-38.	4.1	22
13	Electrospun Sesbania Gum-Based Polymeric N-Halamines for Antibacterial Applications. Polymers, 2019, 11, 1117.	4.5	10
14	Sesbania Gum-Supported Hydrophilic Electrospun Fibers Containing Nanosilver with Superior Antibacterial Activity. Nanomaterials, 2019, 9, 592.	4.1	8
15	An N-Halamine/Graphene Oxide-Functionalized Electrospun Polymer Membrane That Inactivates Bacteria on Contact and by Releasing Active Chlorine. Polymers, 2021, 13, 2784.	4.5	6
16	Efficient iodine capture by a sesbania gum-based polymeric adsorbent for reutilization in bacterial decontamination. Colloids and Interface Science Communications, 2021, 44, 100483.	4.1	6
17	Low temperature one-step synthesis of poly(barbituric acid) functionalized magnetic nanoparticles for removal of heavy metal ions. Journal of Applied Polymer Science, 2014, 131, .	2.6	1