

Jie Liang

List of Publications by Year in descending order

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23
papers

1,028
citations

567281

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642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous antimicrobial starch particles containing N-halamine functional groups. Carbohydrate Polymers, 2020, 229, 115546.	10.2	17
2	Preparation and characterization of antibacterial mesoporous sieves with N-halamine. Colloid and Polymer Science, 2017, 295, 1897-1904.	2.1	8
3	Durable Antibacterial Cotton Fabrics Containing Stable Acyclic N-Halamine Groups. Industrial & Engineering Chemistry Research, 2017, 56, 7902-7909.	3.7	37
4	Preparation and characterization of antibacterial graphene oxide functionalized with polymeric N-halamine. Journal of Materials Science, 2017, 52, 1996-2006.	3.7	50
5	Antibacterial efficacy of functionalized silk fabrics by radical copolymerization with quaternary ammonium salts. Journal of Applied Polymer Science, 2016, 133, .	2.6	7
6	Antibacterial mesoporous molecular sieves modified with polymeric N-halamine. Materials Science and Engineering C, 2016, 69, 1075-1080.	7.3	25
7	Novel PVDF hollow fiber ultrafiltration membranes with antibacterial and antifouling properties by embedding N-halamine functionalized multi-walled carbon nanotubes (MWNTs). RSC Advances, 2016, 6, 1710-1721.	3.6	36
8	Tunable Solar-Heat Shielding Property of Transparent Films Based on Mesoporous Sb-Doped SnO ₂ Microspheres. ACS Applied Materials & Interfaces, 2015, 7, 6574-6583.	8.0	61
9	Porous polymeric antimicrobial resin containing N-halamine functional groups. Reactive and Functional Polymers, 2015, 96, 71-77.	4.1	6
10	Regenerable antimicrobial silica gel with quaternarized N-halamine. Journal of Materials Science, 2014, 49, 3391-3399.	3.7	19
11	CuO nanoleaves enhance the c-Si solar cell efficiency. Journal of Materials Chemistry A, 2014, 2, 6796-6800.	10.3	53
12	Eco-friendly synthesis of regenerable antimicrobial polymeric resin with N-halamine and quaternary ammonium salt groups. RSC Advances, 2014, 4, 6048.	3.6	60
13	Si nanocorals/PbS quantum dots composited high efficiency c-Si solar cell. RSC Advances, 2014, 4, 14862-14867.	3.6	2
14	Regenerable antimicrobial N-halamine/silica hybrid nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	22
15	Effective CdS/ZnO nanorod arrays as antireflection coatings for light trapping in c-Si solar cells. RSC Advances, 2014, 4, 23149-23154.	3.6	14
16	High-efficacy antibacterial polymeric micro/nano particles with N-halamine functional groups. Chemical Engineering Journal, 2014, 254, 30-38.	12.7	32
17	Durable antimicrobial cotton fabrics containing stable quaternarized N-halamine groups. Cellulose, 2013, 20, 3067-3077.	4.9	41
18	High-efficacy antimicrobial cellulose grafted by a novel quaternarized N-halamine. Cellulose, 2013, 20, 885-893.	4.9	50

#	ARTICLE	IF	CITATIONS
19	BiOCl Sub-Microcrystals Induced by Citric Acid and Their High Photocatalytic Activities. <i>Crystal Growth and Design</i> , 2012, 12, 793-803.	3.0	229
20	Polyallylammonium Ferrocyanide Films for Trace Water Detection in Halogenated Solvents. <i>Electroanalysis</i> , 2009, 21, 2542-2548.	2.9	9
21	Antimicrobial efficacy and light stability of N-halamine siloxanes bound to cotton. <i>Cellulose</i> , 2008, 15, 593-598.	4.9	131
22	Fabric Treated with Antimicrobial <i>N</i> -Halamine Epoxides. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6425-6429.	3.7	107
23	Oxidation of Organic Sulfides by N-Halamine Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 1525-1533.	1.6	12