

Jin He

List of Publications by Year in Descending Order

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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.

33
papers

588
citations

12
h-index

23
g-index

34
ext. papers

640
ext. citations

9
avg, IF

4.56
L-index

#	Paper	IF	Citations
33	Entrapment of glucose oxidase within gold converts it to a general monosaccharide-oxidase. <i>Scientific Reports</i> , 2021 , 11, 10737	4.9	0
32	Metal nanoparticles entrapped in metal matrices. <i>Nanoscale Advances</i> , 2021 , 3, 4597-4612	5.1	1
31	Enzymes in a golden cage. <i>Chemical Science</i> , 2020 , 11, 3965-3977	9.4	12
30	Affecting an Ultra-High Work Function of Silver. <i>Angewandte Chemie</i> , 2020 , 132, 4728-4734	3.6	
29	Affecting an Ultra-High Work Function of Silver. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4698-4704	16.4	7
28	Entrapment of enzymes in silica aerogels. <i>Materials Today</i> , 2020 , 33, 24-35	21.8	18
27	Metallic Conductive Luminescent Film. <i>ACS Nano</i> , 2019 , 13, 10826-10834	16.7	5
26	Sol-gel derived alumina glass: Mechanistic study of its structural evolution. <i>Acta Materialia</i> , 2019 , 174, 418-426	8.4	7
25	Entrapment of Drugs within Metallic Platinum and Their Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 2355-2364	5.5	6
24	Induction of enhanced magnetic behavior in gold, silver, and copper by doping with SrFe ₁₂ O ₁₉ nanoparticles. <i>Physical Review B</i> , 2019 , 99,	3.3	9
23	New reed switch design based on magnetic silver. <i>Materials Research Express</i> , 2019 , 6, 126329	1.7	1
22	Optical rotation kinetics study of the polycondensation of chiral sol-gel precursors. <i>Journal of Sol-Gel Science and Technology</i> , 2019 , 90, 149-154	2.3	1
21	Recent Progress in the Study of Molecularly Doped Metals. <i>Advanced Materials</i> , 2018 , 30, e1706804	24	28
20	Fine-tuning of the metal work function by molecular doping. <i>Chemical Communications</i> , 2018 , 54, 7203-7206	3.6	9
19	Stiffening of Metallic Gallium Particles by Entrapment of Organic Molecules. <i>Crystal Growth and Design</i> , 2017 , 17, 2041-2045	3.5	2
18	Sustained release from a metal - Analgesics entrapped within biocidal silver. <i>Scientific Reports</i> , 2017 , 7, 4161	4.9	13
17	Catalyst@Metal Hybrids in a One-Pot Multistep Opposing Oxidation and Reduction Reaction Sequence. <i>ChemCatChem</i> , 2017 , 9, 816-823	5.2	3

16	Sol-gel derived mesoporous GaAlPO ₄ glass for heavy metal ion sequestration. <i>RSC Advances</i> , 2016 , 6, 99149-99157	3.7	6
15	Conductive molecularly doped gold films. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11548-11556	7.1	3
14	Corrosion-Resistant Hybrid Nanoparticles of Polydimethylsiloxane@Fe Obtained by Thermolysis of Fe(CO) ₅ . <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1488-1496	2.3	8
13	Electroless Functionalization of Silver Films by Its Molecular Doping. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26461-9	9.5	9
12	Better Catalysis with Organically Modified Sol-gel Materials 2015 , 963-986		4
11	Enzyme renaturation to higher activity driven by the sol-gel transition: Carbonic anhydrase. <i>Scientific Reports</i> , 2015 , 5, 14411	4.9	8
10	Dual Catalytic Activity of Palladium Doped with a Rhodium Complex in a One-pot, Four Step Process. <i>ChemCatChem</i> , 2015 , 7, 2033-2037	5.2	10
9	Molecularly doped metals. <i>Accounts of Chemical Research</i> , 2014 , 47, 579-92	24.3	43
8	Multiple One-Pot Reaction Steps using Organically Doped Metallic Hybrid Catalyst. <i>ChemCatChem</i> , 2013 , 5, 2195-2198	5.2	10
7	Organics@metals as the Basis for a Silver/Doped-Silver Electrochemical Cell. <i>Chemistry of Materials</i> , 2011 , 23, 3289-3295	9.6	15
6	A Concept in Bactericidal Materials: The Entrapment of Chlorhexidine within Silver. <i>Advanced Functional Materials</i> , 2010 , 20, 2324-2329	15.6	33
5	Polyaniline Entrapped in Silver: Structural Properties and Electrical Conductivity. <i>Advanced Functional Materials</i> , 2009 , 19, 1293-1298	15.6	29
4	Bioactive enzyme-metal composites: the entrapment of acid phosphatase within gold and silver. <i>Biomaterials</i> , 2009 , 30, 1263-7	15.6	46
3	Sol-gel materials as efficient enzyme protectors: preserving the activity of phosphatases under extreme pH conditions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8077-81	16.4	152
2	Entrapment of Organic Molecules within Metals. 2. Polymers in Silver. <i>Chemistry of Materials</i> , 2004 , 16, 3197-3202	9.6	35
1	Entrapment of Organic Molecules within Metals: Dyes in Silver. <i>Chemistry of Materials</i> , 2002 , 14, 1736-1741	9.6	55