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List of Publications by Year in descending order

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576
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon-mediated, highly enhanced photocatalytic degradation of industrial textile dyes using hybrid ZnO@Ag core-shell nanorods. RSC Advances, 2014, 4, 58930-58940.	3.6	127
2	Rapid synthesis and characterization of hybrid ZnO@Au core-shell nanorods for high performance, low temperature NO ₂ gas sensor applications. Applied Surface Science, 2015, 355, 726-735.	6.1	55
3	Highly monodispersed mesoporous, heterojunction ZnO@Au micro-spheres for trace-level detection of NO ₂ gas. Microporous and Mesoporous Materials, 2018, 255, 156-165.	4.4	35
4	Enhanced cell-wall damage mediated, antibacterial activity of core-shell ZnO@Ag heterojunction nanorods against Staphylococcus aureus and Pseudomonas aeruginosa. Journal of Materials Science: Materials in Medicine, 2015, 26, 204.	3.6	22
5	Novel Electrospun Nanograined ZnO/Au Heterojunction Nanofibers and Their Ultrasensitive NO ₂ Gas Sensing Properties. ChemistrySelect, 2018, 3, 7156-7163.	1.5	21
6	Ultrathin hexagonal MgO nanoflakes coated medical textiles and their enhanced antibacterial activity. Materials Research Express, 2016, 3, 105005.	1.6	16
7	Highly sensitive, atmospheric pressure operable sensor based on Au nanoclusters decorated TiO ₂ @Au heterojunction nanorods for trace level NO ₂ gas detection. Journal of Materials Science: Materials in Electronics, 2017, 28, 9738-9748.	2.2	14
8	Development of low-cost hybrid multi-walled carbon nanotube-based ammonia gas-sensing strips with an integrated sensor read-out system for clinical breath analyzer applications. Journal of Breath Research, 2019, 13, 046005.	3.0	14
9	Enhanced Luminescent Detection of Circulating Tumor Cells by a 3D Printed Immunomagnetic Concentrator. Biosensors, 2021, 11, 278.	4.7	11
10	Polyethyleneglycol diacrylate hydrogels with plasmonic gold nanospheres incorporated via functional group optimization. Micro and Nano Systems Letters, 2017, 5, .	3.7	5
11	Enhanced Sensing Behavior of Three-Dimensional Microfluidic Paper-Based Analytical Devices (3D-µPADs) with Evaporation-Free Enclosed Channels for Point-of-Care Testing. Diagnostics, 2021, 11, 977.	2.6	4
12	Enhanced ammonia sensing properties using Au decorated ZnO nanorods. , 2013, , .		2
13	Highly sensitive, graphene oxide supported zinc stannate (Zn ₂ SnO ₄) nanocubes and their room temperature NO ₂ gas sensor properties. , 2015, , .		1