

Biao Wang

List of Publications by Year in descending order

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14
papers

365
citations

1040056

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1281871

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14
all docs

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docs citations

14
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon monoxide gas detection system based on VCSEL using TDLAS technology. , 2021, , .		1
2	Near-Infrared C ₂ H ₂ Detection System Based on Single Optical Path Time Division Multiplexing Differential Modulation Technique and Multi-Reflection Chamber. Applied Sciences (Switzerland), 2019, 9, 2637.	2.5	5
3	Hierarchical core/shell ZnO/NiO nanoheterojunctions synthesized by ultrasonic spray pyrolysis and their gas-sensing performance. CrystEngComm, 2016, 18, 8101-8107.	2.6	31
4	Facile synthesis of hollow In ₂ O ₃ microspheres and their gas sensing performances. RSC Advances, 2015, 5, 4609-4614.	3.6	16
5	Bilayered photoanode from rutile TiO ₂ nanorods and hierarchical anatase TiO ₂ hollow spheres: a candidate for enhanced efficiency dye sensitized solar cells. RSC Advances, 2014, 4, 64737-64743.	3.6	15
6	One-pot synthesis of cuboid WO ₃ crystal and its gas sensing properties. RSC Advances, 2014, 4, 18365-18369.	3.6	15
7	One-step synthesis and gas sensing properties of hierarchical Cd-doped SnO ₂ nanostructures. Sensors and Actuators B: Chemical, 2014, 190, 32-39.	7.8	122
8	In ₂ O ₃ nanoplates: preparation, characterization and gas sensing properties. RSC Advances, 2014, 4, 4831.	3.6	48
9	Synthesis and room temperature ferromagnetism in Fe-doped CuAlO ₂ semiconductor. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 500-503.	1.0	7
10	Template-free synthesis and gas sensing properties of hierarchical hollow ZnO microspheres. CrystEngComm, 2013, 15, 7438.	2.6	59
11	Progress in NASICON-based mixed-potential type gas sensors. Sensors and Actuators B: Chemical, 2013, 187, 522-532.	7.8	10
12	808nm High-Power Semiconductor Laser Therapeutic Apparatus Based on LPC2138. , 2011, , .		0
13	Design of programmable near infrared cold light source. , 2011, , .		1
14	Improved and excellent CO sensing properties of Cu-doped TiO ₂ nanofibers. Science Bulletin, 2010, 55, 228-232.	1.7	35