

Katarzyna Zakrzewska

List of Publications by Year in descending order

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599
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal oxidation impact on the optoelectronic and hydrogen sensing properties of p-type copper oxide thin films. <i>Materials Research Bulletin</i> , 2022, 147, 111646.	5.2	16
2	Improved photon management in a photoelectrochemical cell with Nd-modified TiO ₂ thin film photoanode. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 12082-12094.	7.1	13
3	Optically Active TiO ₂ :Er Thin Films Deposited by Magnetron Sputtering. <i>Materials</i> , 2021, 14, 4085.	2.9	10
4	SnO ₂ /TiO ₂ Thin Film n-n Heterostructures of Improved Sensitivity to NO ₂ . <i>Sensors</i> , 2020, 20, 6830.	3.8	13
5	Size Effect in Nanostructured SnO ₂ /TiO ₂ Gas Sensors. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2040-2040.	0.0	0
6	Investigations of structure and electrical properties of TiO ₂ /CuO thin film heterostructures. <i>Thin Solid Films</i> , 2019, 690, 137538.	1.8	8
7	Surface-Controlled Photocatalysis and Chemical Sensing of TiO ₂ , $\hat{\pm}$ -Fe ₂ O ₃ , and Cu ₂ O Nanocrystals. <i>Crystals</i> , 2019, 9, 163.	2.2	23
8	Array of Gas Sensors Based on TiO ₂ Upon Temperature Modulation. , 2018, , .		3
9	Oxide Nanomaterials for Photoelectrochemical Hydrogen Energy Sources. <i>Advances in Inorganic Chemistry</i> , 2018, , 145-183.	1.0	9
10	CuO and CuO/TiO ₂ -y Thin-Film Gas Sensors of H ₂ and NO ₂ . , 2018, , .		10
11	TiO ₂ /SnO ₂ Gas Sensors of H ₂ . , 2018, , .		0
12	Nanocrystalline TiO ₂ /SnO ₂ heterostructures for gas sensing. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 108-122.	2.8	27
13	Study of N-doped TiO ₂ thin films for photoelectrochemical hydrogen generation from water. <i>Open Chemistry</i> , 2015, 13, .	1.9	10
14	TiO ₂ nanostructures for photoelectrochemical cells (PECs). <i>International Journal of Hydrogen Energy</i> , 2015, 40, 4936-4944.	7.1	54
15	TiO ₂ flower-like nanostructures decorated with CdS/PbS nanoparticles. <i>Materials Research Bulletin</i> , 2014, 60, 28-37.	5.2	27
16	Photocatalytic Activity of W-Doped TiO ₂ Nanopowders. <i>Journal of Advanced Oxidation Technologies</i> , 2008, 11, .	0.5	8
17	SnO ₂ â€TiO ₂ solid solutions for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 1998, 47, 194-204.	7.8	151