Yong Zhao

List of Publications by Year
in descending order

16 papers	1,297 citations	840776 11 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	2148 citing authors

#	Article	IF	Citations
1	Tunable VO₂ relaxation oscillators for analog applications. Semiconductor Science and Technology, 2019, 34, 105028.	2.0	13
2	Current-induced formation of stable M₂-phase vanadium dioxide. Journal Physics D: Applied Physics, 2015, 48, 135101.	2.8	8
3	Terahertz frequency selective surface with reconfigurable polarization characteristics using vanadium dioxide. Journal of Electromagnetic Waves and Applications, 2014, 28, 83-90.	1.6	4
4	Hydrogen-doping stabilized metallic VO2 (R) thin films and their application to suppress Fabry-Perot resonances in the terahertz regime. Applied Physics Letters, 2014, 104, .	3.3	51
5	Tuning the properties of VO2 thin films through growth temperature for infrared and terahertz modulation applications. Journal of Applied Physics, 2013, 114, .	2.5	70
6	Highly conductive VO2 treated with hydrogen for supercapacitors. Chemical Communications, 2013, 49, 3943.	4.1	85
7	Tunable dual-band terahertz metamaterial bandpass filters. Optics Letters, 2013, 38, 2382.	3.3	116
8	TiO₂ Nanostructures by Electrochemical Anodization for Dye-Sensitized Solar Cells. Nanoscience and Nanotechnology Letters, 2012, 4, 463-470.	0.4	5
9	Effect of substrate orientation on terahertz optical transmission through VO_2 thin films and application to functional antireflection coatings. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2373.	2.1	94
10	Electrically controlled metalâ€“insulator transition process in VO2thin films. Journal of Physics Condensed Matter, 2012, 24, 035601.	1.8	18
11	Comparing Graphene-TiO₂ Nanowire and Graphene-TiO₂ Nanoparticle Composite Photocatalysts. ACS Applied Materials & Interfaces, 2012, 4, 3944-3950.	8.0	511
12	Structural, electrical, and terahertz transmission properties of VO2 thin films grown on c-, r-, and m-plane sapphire substrates. Journal of Applied Physics, 2012, 111, .	2.5	172
13	Influence of defects on structural and electrical properties of VO2 thin films. Journal of Applied Physics, 2011, 110, .	2.5	74
14	Twin-domain Epitaxial Growth and Metal-insulator Transition of VO2 Thin Film on C-Plane Sapphire. Materials Research Society Symposia Proceedings, 2011, 1292, 73.	0.1	1
15	Titanium Dioxide Nanotubes Decorated with Nanoparticles for Dye Sensitized Solar Cells. Materials Research Society Symposia Proceedings, 2011, 1303, 81.	0.1	0
16	VO 2 multidomain heteroepitaxial growth and terahertz transmission modulation. Applied Physics Letters, 2010, 97, .	3.3	75