

Ashutosh Abhyankar

List of Publications by Year in descending order

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15
papers

453
citations

933264

10
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1199470

12
g-index

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15
docs citations

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times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	Holey engineered 2D ZnO-nanosheets architecture for supersensitive ppm level H ₂ gas detection at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128839.	4.0	36
2	Steering of Magnetic Interactions in Ni _{0.5} Zn _{0.5} Fe ₂ (Mn) _x O ₄ Nanoferrites via Substitution-Induced Cationic Redistribution. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10693-10707.	1.5	14
3	Microstructure and Mechanical Properties of AA7005 Alloy Joint by Fusion and Solid-State Welding Processes. <i>Transactions of the Indian Institute of Metals</i> , 2020, 73, 1503-1507.	0.7	0
4	Unscientific Determination of Fermi Energy of Copper by Heating and/or Cooling a Copper Wire. <i>Resonance</i> , 2019, 24, 1439-1443.	0.2	0
5	Correlation between the magnetic-microstructure and microwave mitigation ability of M _x Co _(1-x) Fe ₂ O ₄ based ferrite-carbon black/PVA composites. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26431-26442.	1.3	13
6	Enhanced Photocatalytic Activity of Magnetic BaFe ₁₂ O ₁₉ Nanoplatelets than TiO ₂ with Emphasis on Reaction Kinetics, Mechanism, and Reusability. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 16192-16200.	1.8	18
7	New insights towards strikingly improved room temperature ethanol sensing properties of p-type Ce-doped SnO ₂ sensors. <i>Scientific Reports</i> , 2018, 8, 8079.	1.6	48
8	Dopant driven tunability of dielectric relaxation in MxCo(1-x)Fe ₂ O ₄ (M: Zn ²⁺ , Mn ²⁺ , Ni ²⁺) nano-ferrites. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	34
9	Ferromagnetic resonance of NiCoFe ₂ O ₄ nanoparticles and microwave absorption properties of flexible NiCoFe ₂ O ₄ -carbon black/poly(vinyl) Tj ETQq1 1 0.784314 rgBT4/Overlo		
10	Effect of annealing on cation distribution and magnetic properties of nano sized Mn _{0.34} Co _{0.66} Fe ₂ O ₄ microwave ferrites. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
11	Structural, magnetic and dielectric properties of NiZnFe ₂ O ₄ nanocrystals. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2
12	Enhanced absorption of microwave radiations through flexible polyvinyl alcohol-carbon black/barium hexaferrite composite films. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	44
13	Titania sensitized with SPADNS dye for dye sensitized solar cell. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12446-12451.	1.1	5
14	Observation of magnetic anomalies in one-step solvothermally synthesized nickel-cobalt ferrite nanoparticles. <i>Nanoscale</i> , 2016, 8, 5200-5213.	2.8	66
15	Influence of Texture Coefficient on Surface Morphology and Sensing Properties of W-Doped Nanocrystalline Tin Oxide Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3571-3580.	4.0	131