

M Bala Murali Krishna

List of Publications by Year in descending order

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1040056

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17
docs citations

17
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and structural, spectroscopic and nonlinear optical measurements of graphene oxide and its composites with metal and metal free porphyrins. Journal of Materials Chemistry, 2012, 22, 3059.	6.7	156
2	Imaging the motion of electrons across semiconductor heterojunctions. Nature Nanotechnology, 2017, 12, 36-40.	31.5	124
3	Nonlinear optical properties of covalently linked graphene-metal porphyrin composite materials. Applied Physics Letters, 2011, 98, .	3.3	109
4	Ultrafast Charge Transfer and Enhanced Absorption in MoS ₂ - Organic van der Waals Heterojunctions Using Plasmonic Metasurfaces. ACS Nano, 2016, 10, 9899-9908.	14.6	71
5	Biosynthesis of Silver Nanoparticles Using <i>Moringa oleifera</i> Leaf Extract and Its Application to Optical Limiting. Journal of Nanoscience and Nanotechnology, 2011, 11, 2031-2035.	0.9	46
6	Influence of solvent contribution on nonlinearities of near infra-red absorbing croconate and squaraine dyes with ultrafast laser excitation. Journal of Applied Physics, 2013, 114, .	2.5	19
7	Optical transmission control in graphene oxide and its organic composites with ultrashort laser pulses. Journal of Optics (United Kingdom), 2014, 16, 015205.	2.2	18
8	Engineering Photophenomena in Large, 3D Structures Composed of Self-Assembled van der Waals Heterostructure Flakes. Advanced Optical Materials, 2015, 3, 1551-1556.	7.3	17
9	Terahertz-frequency magnetoelectric effect in Ni-doped $\text{CaBaCo}_4\text{O}_7$. Physical Review B, 2017, 96, .	3.2	12
10	Terahertz photoconductivity and photocarrier dynamics in few-layer hBN/WS ₂ van der Waals heterostructure laminates. Semiconductor Science and Technology, 2018, 33, 084001.	2.0	8
11	Nonlinear optical properties of graphene- (OH, Sn) porphyrin composites in picosecond regime. , 2011, , .		7
12	Ultrafast third order nonlinear optical properties of water soluble zinc-octacarboxy-phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2012, 16, 1015-1023.	0.8	6
13	Graphene oxide (GO)-Semiconductor (ZnO, TiO ₂) nanoparticles for broadband optical limiting. , 2012, , .		5
14	Oxidation of Planar and Plasmonic Ag Surfaces by Exposure to O ₂ /Ar Plasma for Organic Optoelectronic Applications. MRS Advances, 2016, 1, 943-948.	0.9	3
15	Application of 3D Polystyrene Photonic Crystals for Optical Limiting Studies. , 2011, , .		1
16	Nonlinear optical properties of covalently linked graphene-metal porphyrin composite materials. , 0, .		1
17	Charge Transfer and Enhanced Absorption in MoS ₂ - Organic Heterojunctions Using Plasmonic Metasurfaces. , 2017, , .		0