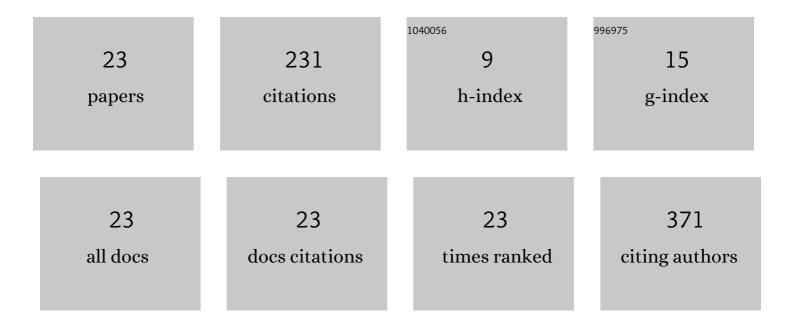
Muralikrishna Molli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1340892/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effect of different complexing agents on the magnetic, optical and photocatalytic properties of sol–gel synthesized KBiFe2O5. Bulletin of Materials Science, 2021, 44, 1.	1.7	7
2	Synthesis of novel g-C3N4/KBiFe2O5 composite with enhanced photocatalytic efficiency. Bulletin of Materials Science, 2020, 43, 1.	1.7	4
3	Super dielectric property observed in nanocomposite of magnetic iron oxide and tin oxide. AIP Conference Proceedings, 2019, , .	0.4	0
4	Nanoporous hierarchical carbon structures derived from fungalbasidiocarpsfor high performance supercapacitors. Energy Storage, 2019, 1, e58.	4.3	7
5	Investigation of nonlinear optical and photocatalytic properties of sol–gel derived KBiFe2O5. Journal of Materials Science: Materials in Electronics, 2019, 30, 11451-11457.	2.2	9
6	Magnetic, optical and photocatalytic properties of yttrium doped KBiFe2O5. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	7
7	Effect of La doping on structural, magnetic, and optical properties of KBiFe2O5. Journal of Materials Science: Materials in Electronics, 2019, 30, 4318-4325.	2.2	8
8	Optical and vibrational spectroscopy of Ba0.85Ca0.15Zr0.1Ti0.9O3 modified lithium borate glass ceramics. AIP Conference Proceedings, 2018, , .	0.4	1
9	Low-Cost Plasmonic Carbon Spacer for Surface Plasmon-Coupled Emission Enhancements and Ethanol Detection: a Smartphone Approach. Plasmonics, 2018, 13, 519-524.	3.4	11
10	Studies on temperature coefficient of resistivity of Cu2Se – V2O5 nanocomposite. AIP Conference Proceedings, 2018, , .	0.4	0
11	Studies on temperature coefficient of resistivity of graphite–V2O5 nanocomposites. AlP Conference Proceedings, 2018, , .	0.4	0
12	Enhanced dielectric properties and energy storage density of interface controlled ferroelectric BCZT-epoxy nanocomposites. Composite Interfaces, 2017, 24, 663-675.	2.3	14
13	DFT Study on the Carrier Concentration and Temperature-Dependent Thermoelectric Properties of Antimony Selenide. Indian Journal of Materials Science, 2016, 2016, 1-7.	0.6	7
14	Study of nonlinear optical absorption properties of Sb2Se3 nanoparticles in the nanosecond and femtosecond excitation regime. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	8
15	Study of nonlinear optical absorption properties of V2O5 nanoparticles in the femtosecond excitation regime. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	12
16	Optical limiting and nonlinear optical properties of gold-decorated graphene nanocomposites. Optical Materials, 2015, 39, 182-187.	3.6	30
17	Single step preparation of nano size gamma alumina exhibiting enhanced fluoride adsorption. Materials Express, 2014, 4, 235-241.	0.5	17
18	Gold Decorated Graphene by Laser Ablation for Efficient Electrocatalytic Oxidation of Methanol and Ethanol. Electroanalysis, 2014, 26, 1850-1857.	2.9	24

#	Article	IF	CITATIONS
19	Synthesis, characterization and nonlinear optical properties of symmetrically substituted dibenzylideneacetone derivatives. Chemical Physics Letters, 2014, 616-617, 142-147.	2.6	31
20	Excited state assisted three-photon absorption based optical limiting in nanocrystalline Cu2Se and FeSe2. Optics Communications, 2013, 304, 75-79.	2.1	15
21	Vanadium pentoxide nanoparticles based saturable absorbers. , 2012, , .		3
22	Solvothermal synthesis and study of nonlinear optical properties of nanocrystalline thallium doped bismuth telluride. Journal of Solid State Chemistry, 2012, 189, 85-89.	2.9	10
23	The polylogarithm and the Lambert W functions in thermoelectrics. Canadian Journal of Physics, 2011, 89, 1171-1178.	1.1	6