K V Mahesh

List of Publications by Year
in descending order

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11	133	1307594 7	1281871 11
papers	citations	h-index	g-index

11	11	11	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sol-Gel Materials for Varistor Devices. Advances in Sol-gel Derived Materials and Technologies, 2017, , 23-59.	0.2	6
2	Biocatalytic Conversion Efficiency of Steapsin Lipase Immobilized on Hierarchically Porous Biomorphic Aerogel Supports. ACS Sustainable Chemistry and Engineering, 2016, 4, 4692-4703.	6.7	22
3	Shear induced micromechanical synthesis of Ti₃SiC₂ MAXene nanosheets for functional applications. RSC Advances, 2015, 5, 51242-51247.	3.6	16
4	MAX phase ternary carbide derived 2-D ceramic nanostructures [CDCN] as chemically interactive functional fillers for damage tolerant epoxy polymer nanocomposites. RSC Advances, 2015, 5, 16521-16531.	3.6	13
5	Sintering and Thermal Shock Resistance Properties of LaPO₄Based Composite Refractories. Transactions of the Indian Ceramic Society, 2014, 73, 161-164.	1.0	7
6	Quasi-ideal Nonlinear Electrical Behavior of Polycrystalline SnO2 Ceramic Varistors Doped with SiO2. Journal of Electronic Materials, 2014, 43, 1411-1418.	2.2	4
7	Processing of La2O3 based rare earth non-linear resistors via combustion synthesis. Journal of Electroceramics, 2014, 32, 292-300.	2.0	6
8	Nanofillers in ZnO based materials: a â€˜smartâ€™ technique for developing miniaturized high energy field varistors. Journal of Materials Chemistry C, 2013, 1, 6455.	5.5	14
9	Effect of two-step sintering on rare earth (REÂ=ÂY2O3, Pr6O11) doped ZnOâ€“Bi2O3 varistors processed from â€˜nano-precursorâ€™ powders. Journal of Materials Science: Materials in Electronics, 2013, 24, 1495-1504.	2.2	12
10	Multifunctional ZnOâ€biopolymer nanocomposite coatings for healthâ€care polymer foams and fabrics. Journal of Applied Polymer Science, 2012, 126, E233.	2.6	23
11	New insights on physico-chemical transformations of ZnO: From clustered multipods to single crystalline nanoplates. Materials Chemistry and Physics, 2012, 134, 435-442.	4.0	10