

Vivek Mehrotra

List of Publications by Year in descending order

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14
papers

793
citations

933447

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g-index

14
all docs

14
docs citations

14
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and optical properties of Fe_2O_3 nanocrystals. Journal of Applied Physics, 1993, 73, 5109-5116.	2.5	192
2	In_2O_3 -Gallium oxide power electronics. APL Materials, 2022, 10, .	5.1	184
3	Metal-insulator molecular multilayers of electroactive polymers: Intercalation of polyaniline in mica-type layered silicates. Solid State Communications, 1991, 77, 155-158.	1.9	150
4	Nanometer scale multilayers of electroactive polymers: intercalation of polypyrrole in mica-type silicates. Solid State Ionics, 1992, 51, 115-122.	2.7	87
5	Optical and structural effects of aniline intercalation in PbI_2 . Physical Review B, 1991, 44, 5786-5790.	3.2	37
6	On the dielectric response of complex layered oxides: Mica-type silicates and layered double hydroxides. Journal of Applied Physics, 1992, 72, 1039-1048.	2.5	36
7	Electrically conducting glasses: incorporation of polypyrrole in a porous SiO_2 matrix. Journal of Non-Crystalline Solids, 1991, 136, 97-102.	3.1	30
8	Intercalation of ethylenediamine functionalized buckminsterfullerene in mica-type silicates. Chemistry of Materials, 1992, 4, 20-22.	6.7	29
9	Ferroelectric behavior of pulsed laser deposited $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ thin films. Journal of Materials Research, 1993, 8, 1209-1212.	2.6	25
10	Nanometer-Scale Iron Oxide Magnetic Particles: Synthesis and Magnetic Properties. Materials Research Society Symposia Proceedings, 1990, 206, 561.	0.1	10
11	GaN HEMT-Based >1-GHz Speed Low-Side Gate Driver and Switch Monolithic Process for 865-MHz Power Conversion Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 918-925.	5.4	10
12	Ion-beam studies of the intercalative ion-exchange mechanism in muscovite mica. Chemistry of Materials, 1991, 3, 898-902.	6.7	3
13	On the Development of Biomimetic Sensors: Immobilization of Lipid Bilayers in Layered Ceramics. Materials Research Society Symposia Proceedings, 1990, 218, 153.	0.1	0
14	Nanometer Size Lead Iodide Particles. Materials Research Society Symposia Proceedings, 1992, 242, 761.	0.1	0