

Ravindra Kumar

List of Publications by Year in descending order

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19
papers

494
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, optical, vibrational, and magnetic properties of sol-gel derived Ni doped ZnO nanoparticles. Journal of Applied Physics, 2013, 114, .	2.5	105
2	Structural, optical and magnetic properties of Zn $1\hat{a}^{\sim}$ x Co x O prepared by the solâ€gel route. Ceramics International, 2013, 39, 6077-6085.	4.8	52
3	Structural, optical and electronic structure studies of Al doped ZnO thin films. Superlattices and Microstructures, 2015, 83, 431-438.	3.1	43
4	Strong terahertz radiation generation by beating of extra-ordinary mode lasers in a rippled density magnetized plasma. Laser and Particle Beams, 2013, 31, 337-344.	1.0	41
5	Effects of Ni doping on structural, optical and dielectric properties of ZnO. Ceramics International, 2013, 39, 7557-7561.	4.8	40
6	High Tc ferroelectricity in Ba-doped ZnO nanoparticles. Materials Letters, 2014, 126, 274-277.	2.6	37
7	Effects of aluminium doping on structural and photoluminescence properties of ZnO nanoparticles. Ceramics International, 2014, 40, 4025-4031.	4.8	37
8	Effect of substrate temperature and oxygen partial pressure on structural and optical properties of Mg doped ZnO thin films. Ceramics International, 2015, 41, 6269-6273.	4.8	27
9	Effects of transverse static electric field on terahertz radiation generation by beating of two transversely modulated Gaussian laser beams in a plasma. Laser and Particle Beams, 2014, 32, 375-381.	1.0	22
10	Strong terahertz radiation generation by beating of two x-mode spatial triangular lasers in magnetized plasma. Laser and Particle Beams, 2015, 33, 51-58.	1.0	22
11	Tunable and efficient terahertz radiation generation by photomixing of two super Gaussian laser pulses in a corrugated magnetized plasma. Journal of Applied Physics, 2015, 117, .	2.5	22
12	Band offset measurements in Zn _{1\hat{a}^{\sim}} Sb _x O/ZnO hetero-junctions. Journal Physics D: Applied Physics, 2015, 48, 335103.	2.8	13
13	Stimulated Raman scattering of beat wave of two counter-propagating X-mode lasers in a magnetized plasma. Physics of Plasmas, 2014, 21, 022104.	1.9	7
14	Parametric excitation of fast upper hybrid waves by non-resonant beating of counter-propagating X-mode lasers in a magnetized plasma. Physics of Plasmas, 2014, 21, .	1.9	7
15	Droop Improvement in InGaN/GaN Light-Emitting Diodes by Polarization Doping of Quantum Wells and Electron Blocking Layer. Journal of Display Technology, 2015, 11, 30-35.	1.2	7
16	Structural studies and band gap tuning of Cr doped ZnO nanoparticles. AIP Conference Proceedings, 2014, , .	0.4	5
17	Optical and magnetic properties of Mn doped ZnO samples prepared by solid state route. Journal of Materials Science: Materials in Electronics, 2014, 25, 3052-3056.	2.2	5
18	Suppression of decay instability of the non-resonant beat wave excited by two counter-propagating x-mode lasers in magnetized plasma. Physics of Plasmas, 2016, 23, .	1.9	2

#	ARTICLE	IF	CITATIONS
19	Effect of Ni doping on the structural, optical and magnetic properties of ZnO, 2013, , .		0