

Partha P Dey

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

106
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of substrate temperature on structural and linear and nonlinear optical properties of nanostructured PLD a-SiC thin films. <i>Materials Research Bulletin</i> , 2016, 84, 105-117.	5.2	22
2	Correlation between surface scaling behavior and surface plasmon resonance properties of semitransparent nanostructured Cu thin films deposited via PLD. <i>RSC Advances</i> , 2019, 9, 7967-7974.	3.6	19
3	Synthesis and size modulation of MoS ₂ quantum dots by pulsed laser ablation in liquid for viable hydrogen generation. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	11
4	Nonlinear optical and optical limiting response of PLD nc-Si thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12211-12220.	5.5	10
5	Anomalous kinetic roughening in growth of MoS ₂ films under pulsed laser deposition. <i>RSC Advances</i> , 2019, 9, 12895-12905.	3.6	9
6	Stoichiometry-dependent linear and nonlinear optical properties of PLD SiO _x thin films. <i>Journal of Alloys and Compounds</i> , 2017, 706, 370-376.	5.5	8
7	Fabrication of luminescent a-Si:SiO ₂ structures by direct irradiation of high power laser on silicon surface. <i>Applied Surface Science</i> , 2014, 307, 77-85.	6.1	7
8	Fabrication of photoluminescent nc-Si:SiO ₂ thin films prepared by PLD. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21436-21445.	2.8	5
9	Growth dynamics of pulsed laser deposited WS ₂ thin films on different substrates. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	5
10	Pulsed laser deposited Zn _{1-x} Ti _x O (0.000 ≤ x ≤ 0.050) thin films for tunable refractive index and nonlinear optical applications. <i>Materials Chemistry and Physics</i> , 2018, 216, 206-212.	4.0	4
11	Tailoring of stoichiometry and band-tail emission in PLD a-SiC thin films by varying He deposition pressure. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	4
12	Efficacy of Raman mapping over ellipsometric spectroscopy and XRD for characterization of structurally heterogeneous PLD nc-Si thin films. <i>Optical Materials</i> , 2018, 84, 221-226.	3.6	2
13	Tailorable band-tail emissions in PLD a-SiC films. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
14	Nd-YAG Ns-Pulsed Laser Induced Structural and Compositional Modification of Silicon Surface: Formation of Photoluminescent A-Si Nanostructures. <i>Advanced Science Letters</i> , 2014, 20, 1364-1368.	0.2	0