

Partha P Dey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/631258/publications.pdf>

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