

Gaurav Siddharth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3584148/publications.pdf>

Version: 2024-02-01

17
papers

157
citations

1039406

9
h-index

1199166

12
g-index

17
all docs

17
docs citations

17
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in Thin Film Solar Cell and Advanced Technologies for Performance Improvement. , 2022, , 661-680.		2
2	Influence of Substrate Temperature and Sulfurization on Sputtered Cu ₂ SnGe(S,Se) ₃ Thin Films for Solar Cell Application. IEEE Transactions on Electron Devices, 2022, 69, 2488-2493.	1.6	3
3	Analytical Study of Sputter-Grown ZnO-Based p-i-n Homojunction UV Photodetector. IEEE Sensors Journal, 2021, 21, 7515-7521.	2.4	11
4	Improving the Cu ₂ ZnSn(S,Se) ₄ -Based Photovoltaic Conversion Efficiency by Back-Contact Modification. IEEE Transactions on Electron Devices, 2021, 68, 2748-2752.	1.6	15
5	Optimization of dual ion beam sputtered MQWs for solar cell. , 2021, , .		0
6	Structural and optical study of sputtered grown Sb doped ZnO thin film. , 2021, , .		1
7	Insights into the sputter-instigated valence plasmon oscillations in CIGSe thin films. Surfaces and Interfaces, 2021, 25, 101146.	1.5	10
8	Organo-di-benzoic-acidified ZnO Nanohybrids for Highly Selective Detection of CO at Low Temperature. Journal of Physical Chemistry C, 2020, 124, 7307-7316.	1.5	17
9	Analytical Performance Analysis of CdZnO/ZnO-Based Multiple Quantum Well Solar Cell. IEEE Transactions on Electron Devices, 2020, 67, 1047-1051.	1.6	11
10	Electron scattering analysis in 2DEG in sputtering-grown MgZnO/ZnO heterostructure. Journal Physics D: Applied Physics, 2020, 53, 125108.	1.3	10
11	Investigation of DIBS-Deposited CdZnO/ZnO-Based Multiple Quantum Well for Large-Area Photovoltaic Application. IEEE Transactions on Electron Devices, 2020, 67, 5587-5592.	1.6	15
12	Impact of Interfacial SiO ₂ on Dual Ion Beam Sputtered Y ₂ O ₃ -Based Memristive System. IEEE Nanotechnology Magazine, 2020, 19, 332-337.	1.1	15
13	Modelling and Performance analysis of InGaN/GaN based Multiple Quantum Well solar cells. , 2020, , .		0
14	Analytical Study of Performance Parameters of InGaN/GaN Multiple Quantum Well Solar Cell. IEEE Transactions on Electron Devices, 2019, 66, 3399-3404.	1.6	17
15	Evaluation of Ga:MgZnO/CIGSe Heterojunction for Realization of All Sputtered Buffer-Less Solar Cell. Springer Proceedings in Physics, 2019, , 383-386.	0.1	0
16	Analysis of Drain Current in Polycrystalline MgZnO/ZnO and MgZnO/CdZnO HFET. IEEE Transactions on Electron Devices, 2019, 66, 5097-5102.	1.6	16
17	Investigation of valence plasmon excitations in GMZO thin film and their suitability for plasmon-enhanced buffer-less solar cells. Solar Energy, 2019, 178, 114-124.	2.9	14