

Deniz Turkey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6473826/publications.pdf>

Version: 2024-02-01

16
papers

303
citations

1163117

8
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Crystallization and Strain Induction Enable Light-Emitting Germanium Nano/Microbridges for Infrared Lasers. ACS Applied Nano Materials, 2022, 5, 4700-4709.	5.0	1
2	A Thienothiophene-Based Cation Treatment Allows Semitransparent Perovskite Solar Cells with Improved Efficiency and Stability. Advanced Functional Materials, 2021, 31, 2103130.	14.9	15
3	Optical design of TCO-free interconnecting layer for all-perovskite tandem solar cells. Applied Physics Letters, 2021, 119, 021102.	3.3	6
4	Spreading resistance modeling for rapid extraction of contact resistivity with a four-point probe. Solar Energy Materials and Solar Cells, 2021, 230, 111272.	6.2	1
5	Spreading Resistance Modeling for Contact Resistivity Extraction in Ohmic Multilayer Structures With Circular Electrodes. IEEE Transactions on Electron Devices, 2021, , 1-8.	3.0	3
6	A Thienothiophene-Based Cation Treatment Allows Semitransparent Perovskite Solar Cells with Improved Efficiency and Stability (Adv. Funct. Mater. 42/2021). Advanced Functional Materials, 2021, 31, 2170314.	14.9	0
7	Engineering spin and antiferromagnetic resonances to realize an efficient direction-multiplexed visible meta-hologram. Nanoscale Horizons, 2020, 5, 57-64.	8.0	68
8	Preparation and Characterization of Mixed Halide MAPbI _{3-x} Cl _x Perovskite Thin Films by Three-Source Vacuum Deposition. Energy Technology, 2020, 8, 1900784.	3.8	12
9	Hybrid Vapor-Solution Sequentially Deposited Mixed-Halide Perovskite Solar Cells. ACS Applied Energy Materials, 2020, 3, 8257-8265.	5.1	21
10	Guideline for Optical Optimization of Planar Perovskite Solar Cells. Advanced Optical Materials, 2019, 7, 1900944.	7.3	24
11	Analysis of Field-Effect Passivation in Textured and Undiffused Silicon Surfaces. Physical Review Applied, 2019, 12, .	3.8	5
12	Strain Engineering of Germanium Nanobeams by Electrostatic Actuation. Scientific Reports, 2019, 9, 4963.	3.3	6
13	A Spin-Encoded All-Dielectric Metahologram for Visible Light. Laser and Photonics Reviews, 2019, 13, 1900065.	8.7	95
14	Optical and electrical design guidelines for ZnO/CdS nanorod-based CdTe solar cells. Optics Express, 2019, 27, A339.	3.4	5
15	Empirical Comparison of Random and Periodic Surface Light-Trapping Structures for Ultrathin Silicon Photovoltaics. Advanced Optical Materials, 2016, 4, 858-863.	7.3	28
16	Silicon Solar Cells: 15.7% Efficient 10-µm-Thick Crystalline Silicon Solar Cells Using Periodic Nanostructures (Adv. Mater. 13/2015). Advanced Materials, 2015, 27, 2268-2268.	21.0	10