

Deniz Turkey

List of Publications by Year in descending order

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papers

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1163117

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docs citations

17
times ranked

434
citing authors

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