

Tolga Aytug

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

964
citations

1307594

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h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1944
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic materials and coatings: a review. Reports on Progress in Physics, 2015, 78, 086501.	20.1	415
2	High-Performance Flexible Perovskite Solar Cells by Using a Combination of Ultrasonic Spray-Coating and Low Thermal Budget Photonic Curing. ACS Photonics, 2015, 2, 680-686.	6.6	268
3	Low-Thermal-Budget Photonic Processing of Highly Conductive Cu Interconnects Based on CuO Nanoinks: Potential for Flexible Printed Electronics. ACS Applied Materials & Interfaces, 2016, 8, 2441-2448.	8.0	83
4	Monolithic graded-refractive-index glass-based antireflective coatings: broadband/omnidirectional light harvesting and self-cleaning characteristics. Journal of Materials Chemistry C, 2015, 3, 5440-5449.	5.5	55
5	Optically transparent, mechanically durable, nanostructured superhydrophobic surfaces enabled by spinodally phase-separated glass thin films. Nanotechnology, 2013, 24, 315602.	2.6	47
6	Low thermal budget, photonic-cured compact TiO ₂ layers for high-efficiency perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 9685-9690.	10.3	46
7	Controllable Growth of Perovskite Films by Room-Temperature Air Exposure for Efficient Planar Heterojunction Photovoltaic Cells. Angewandte Chemie - International Edition, 2015, 54, 14862-14865.	13.8	41
8	Plasmonic Three-Dimensional Transparent Conductor Based on Al-Doped Zinc Oxide-Coated Nanostructured Glass Using Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2015, 7, 8556-8561.	8.0	7