Tolga Aytug

List of Publications by Year
in descending order

8	964	1307594 7	1474206 9
papers	citations	h-index	g-index

9	9	9	1944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low thermal budget, photonic-cured compact TiO₂ layers for high-efficiency perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 9685-9690.	10.3	46
2	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
3	Controllable Growth of Perovskite Films by Roomâ€Temperature Air Exposure for Efficient Planar Heterojunction Photovoltaic Cells. Angewandte Chemie - International Edition, 2015, 54, 14862-14865.	13.8	41
4	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
5	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
6	Superhydrophobic materials and coatings: a review. Reports on Progress in Physics, 2015, 78, 086501.	20.1	415
7	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
8	Optically transparent, mechanically durable, nanostructured superhydrophobic surfaces enabled by spinodally phase-separated glass thin films. Nanotechnology, 2013, 24, 315602.	2.6	47