Ismail Cihan Kaya

List of Publications by Year
in descending order

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17	387	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Production of CuOâ€“WO3 hybrids and their dye removal capacity/performance from wastewater by adsorption/photocatalysis. Journal of Water Process Engineering, 2020, 36, 101390.	5.6	54
2	Efficient Vacuum-Deposited Perovskite Solar Cells with Stable Cubic FA_{1â€“x}MA_xPbI₃. ACS Energy Letters, 2020, 5, 3053-3061.	17.4	49
3	UV/visible light active CuCrO₂ nanoparticleâ€“SnO₂ nanofiber pâ€“n heterostructured photocatalysts for photocatalytic applications. Dalton Transactions, 2018, 47, 14662-14678.	3.3	46
4	Hydrothermal/electrospinning synthesis of CuO plate-like particles/TiO2 fibers heterostructures for high-efficiency photocatalytic degradation of organic dyes and phenolic pollutants. Materials Science in Semiconductor Processing, 2020, 109, 104919.	4.0	40
5	Photocatalytic activity and dielectric properties of hydrothermally derived tetragonal BaTiO3 nanoparticles using TiO2 nanofibers. Journal of Alloys and Compounds, 2018, 765, 82-91.	5.5	31
6	Highly efficient tandem photoelectrochemical solar cells using coumarin6 dye-sensitized CuCrO2 delafossite oxide as photocathode. Solar Energy, 2018, 169, 196-205.	6.1	30
7	Visible light active heterostructured photocatalyst system based on CuO plateâ€like particles and SnO₂ nanofibers. International Journal of Applied Ceramic Technology, 2020, 17, 1479-1489.	2.1	23
8	Spray-Pyrolyzed Tantalium-Doped TiO₂ Compact Electron Transport Layer for UV-Photostable Planar Perovskite Solar Cells Exceeding 20% Efficiency. ACS Applied Energy Materials, 2022, 5, 3454-3462.	5.1	22
9	Characteristics of Fe- and Mg-doped CuCrO2 nanocrystals prepared by hydrothermal synthesis. Journal of Materials Science: Materials in Electronics, 2016, 27, 2404-2411.	2.2	20
10	Crystal Reorientation and Amorphization Induced by Stressing Efficient and Stable Pâ€“Iâ€“N Vacuumâ€Processed MAPbI₃ Perovskite Solar Cells. Advanced Energy and Sustainability Research, 2021, 2, 2000065.	5.8	20
11	Hydrothermal synthesis of pseudocubic BaTiO₃ nanoparticles using TiO₂ nanofibers: Study on photocatalytic and dielectric properties. International Journal of Applied Ceramic Technology, 2019, 16, 1557-1569.	2.1	15
12	A dopant-free 2,7-dioctyl[1]benzothieno[3,2-b][1]benzothiophene (C8-BTBT)-based hole transporting layer for highly stable perovskite solar cells with efficiency over 22%. Journal of Materials Chemistry A, 2022, 10, 12464-12472.	10.3	14
13	Intrinsic Organic Semiconductors as Hole Transport Layers in pâ€“iâ€“n Perovskite Solar Cells. Solar Rrl, 2022, 6, .	5.8	8
14	Enamine-based hole transporting materials for vacuum-deposited perovskite solar cells. Sustainable Energy and Fuels, 2020, 4, 5017-5023.	4.9	6
15	Future perspectives of perovskite solar cells: Metal oxide-based inorganic hole-transporting materials. , 2021, , 181-219.		5
16	Production and Characterization of Magnesiumâ€Doped Copper Chromite Fibers. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700795.	1.8	4
17	FABRICATION OF THE P-N JUNCTION ULTRAVIOLET PHOTODETECTORS BASED ON METAL OXIDE NANOPARTICLES. Konya Journal of Engineering Sciences, 2022, 10, .	0.3	0