

Yaw-Shyan Fu

List of Publications by Year in descending order

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21
papers

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citations

1040056

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docs citations

21
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of PVB/silica nanofibers by electrospinning process. <i>Polymer</i> , 2009, 50, 3516-3521.	3.8	45
2	Large-area electro-spray-deposited nanocrystalline Cu ₂ XO hole transport layer for perovskite solar cells. <i>RSC Advances</i> , 2017, 7, 46651-46656.	3.6	29
3	Fabrication of CH ₃ NH ₃ PbI ₃ /PVP Composite Fibers via Electrospinning and Deposition. <i>Materials</i> , 2015, 8, 5467-5478.	2.9	21
4	Electrospray technique in fabricating perovskite-based hybrid solar cells under ambient conditions. <i>RSC Advances</i> , 2017, 7, 10985-10991.	3.6	18
5	Surface free energy of non-stick coatings deposited using closed field unbalanced magnetron sputter ion plating. <i>Applied Surface Science</i> , 2007, 253, 4094-4098.	6.1	17
6	Synthesis and characterization of PVP/LiCoO ₂ nanofibers by electrospinning route. <i>Journal of Applied Polymer Science</i> , 2011, 121, 154-160.	2.6	15
7	Novel CuAlO ₂ /polyaniline hole transport layer for industrial production of perovskite solar cells. <i>Optik</i> , 2020, 210, 164505.	2.9	13
8	A Composite Photocatalyst Based on Hydrothermally-Synthesized Cu ₂ ZnSnS ₄ Powders. <i>Materials</i> , 2018, 11, 158.	2.9	11
9	Single-phase, high-purity Cu ₂ ZnSnS ₄ nanoparticles via a hydrothermal route. <i>Ceramics International</i> , 2018, 44, 4450-4456.	4.8	10
10	Effects of hydrazine on the solvothermal synthesis of Cu ₂ ZnSnSe ₄ and Cu ₂ CdSnSe ₄ nanocrystals for particle-based deposition of films. <i>Thin Solid Films</i> , 2013, 544, 291-295.	1.8	9
11	Improvement efficiency of perovskite solar cells by hybrid electro-spray and vapor-assisted solution technology. <i>Organic Electronics</i> , 2018, 57, 221-225.	2.6	7
12	Polyvinylbutyral assisted synthesis and characterization of chalcopyrite quaternary semiconductor Cu(In _x Ga _{1-x})Se ₂ nanofibers by electrospinning route. <i>Polymer</i> , 2011, 52, 116-121.	3.8	6
13	Photocatalytic and optical characteristics of ZnIn ₂ S ₄ microspheres. <i>Materials Research Express</i> , 2018, 5, 115507.	1.6	6
14	Characterization of crystalline silica nanorods synthesized via a solvothermal route using polyvinylbutyral as a template. <i>Journal of Nanoparticle Research</i> , 2011, 13, 783-790.	1.9	5
15	The impact at polar solvent treatment on p-contact layers (PEDOT:PSS or NiOx) of hybrid perovskite solar cells. <i>Organic Electronics</i> , 2019, 73, 273-278.	2.6	5
16	Fabrication of LiNi _{0.5} Mn _{0.5} VO ₂ nanofibers by electrospinning. <i>Materials Letters</i> , 2008, 62, 4594-4596.	2.6	4
17	CuInS ₂ nanowires prepared using a hydrothermal process through a polymer-type ion release source. <i>Ceramics International</i> , 2017, 43, 5819-5822.	4.8	3
18	Effect of the vapor diffusion and improved light harvesting for Perovskite-Cu ₂ ZnSnS ₄ hybridized solar cells. <i>Organic Electronics</i> , 2018, 59, 190-195.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Cuprous iodide dose dependent passivation of MAPbI ₃ perovskite solar cells. <i>Organic Electronics</i> , 2021, 91, 106080.	2.6	2
20	Fabrication of highly transparent CsPbBr ₃ quantum-dot thin film via bath coating for light emission applications. <i>Ceramics International</i> , 2022, 48, 15729-15736.	4.8	2
21	Highly stable perovskite; Light CsPbBr ₃ /silica composite prepared via novel electrospray injection process. <i>Optik</i> , 2021, 238, 166690.	2.9	1