

Hassan Hafeez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

314
citations

933447

10
h-index

888059

17
g-index

29
all docs

29
docs citations

29
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of charge balance, recombination zone confinement, and low efficiency roll-off in green phosphorescent OLEDs by altering electron transport layer thickness. <i>Materials Research Express</i> , 2018, 5, 076201.	1.6	42
2	Highly efficient, heat dissipating, stretchable organic light-emitting diodes based on a MoO ₃ /Au/MoO ₃ electrode with encapsulation. <i>Nature Communications</i> , 2021, 12, 2864.	12.8	42
3	Recombination Zone Control without Sensing Layer and the Exciton Confinement in Green Phosphorescent OLEDs by Excluding Interface Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2951-2958.	3.1	36
4	Effects of the Wrinkle Structure and Flat Structure Formed During Static Low-Temperature Annealing of ZnO on the Performance of Inverted Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9191-9201.	3.1	25
5	Harvesting near- and far-field plasmonic enhancements from large size gold nanoparticles for improved performance in organic bulk heterojunction solar cells. <i>Organic Electronics</i> , 2019, 66, 94-101.	2.6	25
6	Enhanced device efficiency in organic light-emitting diodes by dual oxide buffer layer. <i>Organic Electronics</i> , 2018, 56, 254-259.	2.6	16
7	Multiaxial wavy top-emission organic light-emitting diodes on thermally prestrained elastomeric substrates. <i>Organic Electronics</i> , 2017, 48, 314-322.	2.6	14
8	Fabrication of hydrophobic/hydrophilic switchable aluminum surface using poly(N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Id (-isopro	3.9	13
9	Improved charge balance in phosphorescent organic light-emitting diodes by different ultraviolet ozone treatments on indium tin oxide. <i>Organic Electronics</i> , 2018, 61, 343-350.	2.6	11
10	Replacement of n-type layers with a non-toxic APTES interfacial layer to improve the performance of amorphous Si thin-film solar cells. <i>RSC Advances</i> , 2019, 9, 7536-7542.	3.6	10
11	Improved stability of silver nanowire (AgNW) electrode for high temperature applications using selective photoresist passivation. <i>Microelectronic Engineering</i> , 2019, 206, 6-11.	2.4	10
12	Intramolecular charge transfer-based spirobifluorene-coupled heteroaromatic moieties as efficient hole transport layer and host in phosphorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2020, 85, 105825.	2.6	10
13	Preparation of a high hydrophobic aluminium surface by double zincating process. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1061-1074.	2.6	9
14	Novel one-step route to induce long-term lotus leaf-like hydrophobicity in polyester fabric. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 555-567.	2.6	7
15	Improved hydrogenated amorphous silicon thin-film solar cells realized by replacing n-type Si layer with PFN interfacial layer. <i>Synthetic Metals</i> , 2017, 228, 91-98.	3.9	7
16	Dimensionally controlled complex 3D sub-micron pattern fabrication by single step dual diffuser lithography (DDL). <i>Microelectronic Engineering</i> , 2015, 143, 25-30.	2.4	6
17	Comparison of organic light emitting diode performance using the spectroradiometer and the integrating sphere measurements. <i>AIP Advances</i> , 2020, 10, .	1.3	6
18	Improved design of highly efficient micro-sized lithium-ion batteries for stretchable electronics. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 075008.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Effects of Doping Concentration and Emission Layer Thickness on Recombination Zone and Exciton Density Control in Blue Phosphorescent Organic Light-Emitting Diodes. ECS Journal of Solid State Science and Technology, 2017, 6, R170-R174.	1.8	4
20	Impact of tunable 2-(1 <i>H</i> -indol-3-yl)acetonitrile based fluorophores towards optical, thermal and electroluminescence properties. RSC Advances, 2019, 9, 14544-14557.	3.6	4
21	Conductive and transparent submicron polymer lens array fabrication for electrowetting applications. Journal of Adhesion Science and Technology, 2018, 32, 1975-1986.	2.6	3
22	The effect of introducing antibiotics into organic light-emitting diodes. Communications Physics, 2019, 2, .	5.3	3
23	Analysis of device performance and thin-film properties of thermally damaged organic light-emitting diodes. Organic Electronics, 2021, 99, 106304.	2.6	3
24	Direction-dependent stretchability of AgNW electrodes on microprism-mediated elastomeric substrates. AIP Advances, 2018, 8, 065227.	1.3	1
25	Fabrication of 3D Micro Structure by Dual Diffuser Lithography. Korean Journal of Materials Research, 2013, 23, 447-452.	0.2	0