Saif M H Qaid

List of Publications by Year
in descending order

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43 papers	785 citations	566801 15 h-index	525886 27 g-index
43 all docs	43 docs citations	43 times ranked	635 citing authors

#	Article	IF	Citations
1	Gamma ray-induced effects on the properties of CsPbBr3 perovskite thin film. Journal of King Saud University - Science, 2022, 34, 101802.	1.6	7
2	Structural, optical, and antibacterial characteristics of mixed metal oxide CdOâ€“NiOâ€“Fe2O3 nanocomposites prepared using a self-combustion method at different polyvinyl alcohol concentrations. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	1.1	7
3	Investigation of Threshold Carrier Densities in the Optically Pumped Amplified Spontaneous Emission of Formamidinium Lead Bromide Perovskite Using Different Excitation Wavelengths. Photonics, 2022, 9, 4.	0.9	4
4	Solvent Effects on the Structural and Optical Properties of MAPbI3 Perovskite Thin Film for Photovoltaic Active Layer. Coatings, 2022, 12, 549.	1.2	3
5	Amplified Spontaneous Emission from Thermally Evaporated High-Quality Thin Films of CsPb(Br_{1â€“x}Y_x)₃ (Y = I, Cl) Perovskites. Langmuir, 2022, 38, 8607-8613.	1.6	10
6	Enhancing the Optical and Optoelectronic Properties of MEH-PPV-Based Light-Emitting Diodes by Adding SiO2/TiO2 Nanocomposites. Journal of Non-Crystalline Solids, 2021, 552, 120429.	1.5	13
7	Tuning the Optical Properties of MEHâ€“PPV/PFO Hybrid Thin Films via the Incorporation of CsPbBr3 Quantum Dots. Coatings, 2021, 11, 154.	1.2	8
8	Anion Substitution Effects on the Structural, Electronic, and Optical Properties of Inorganic CsPb(I_{1â€“x}Br_x)₃ and CsPb(Br_{1â€“x}Cl_x)₃ Perovskites: Theoretical and Experimental Approaches. Journal of Physical Chemistry C, 2021, 125, 886-897.	1.5	25
9	Tuning Photophysical Properties of Donor/Acceptor Hybrid Thin- Film via Addition of SiO2/TiO2 Nanocomposites. Polymers, 2021, 13, 611.	2.0	4
10	Achieving Optical Gain of the CsPbBr₃Perovskite Quantum Dots and Influence of the Variable Stripe Length Method. ACS Omega, 2021, 6, 5297-5309.	1.6	21
11	Tuning of Amplified Spontaneous Emission Wavelength for Green and Blue Light Emission through the Tunable Composition of CsPb(Br_{1â€“x}Cl_x)₃ Inorganic Perovskite Quantum Dots. Journal of Physical Chemistry C, 2021, 125, 9441-9452.	1.5	14
12	Investigation of the Surface Passivation Effect on the Optical Properties of CsPbBr3 Perovskite Quantum Dots. Surfaces and Interfaces, 2021, 23, 100948.	1.5	15
13	Influence of SiO2/TiO2 nanocomposites on dual resonance FÃ¶rster energy transfer in ternary hybrid thin films. Results in Physics, 2021, 24, 104142.	2.0	2
14	Effect of ethylene glycol concentration on the structural and optical properties of multimetal oxide CdOâ€“NiOâ€“Fe2O3 nanocomposites for antibacterial activity. Journal of Physics and Chemistry of Solids, 2021, 155, 110113.	1.9	11
15	Flexible conductive nanocomposite PEDOT:PSS/Te nanorod films for superior electromagnetic interference (EMI) shielding: A new exploration. Journal of Industrial and Engineering Chemistry, 2021, 100, 233-247.	2.9	25
16	Enhancement of Light Amplification of CsPbBr3 Perovskite Quantum Dot Films via Surface Encapsulation by PMMA Polymer. Polymers, 2021, 13, 2574.	2.0	15
17	Influence of single and dual doping (Ag and Co) on the optical properties of CdS quantum dot thin films for solar application. Optik, 2021, 246, 167824.	1.4	3
18	Density Functional Theory Analysis of Structural, Electronic, and Optical Properties of Mixed-Halide Orthorhombic Inorganic Perovskites. ACS Omega, 2021, 6, 30752-30761.	1.6	28

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19	Controlling the Emission Spectrum of Binary Emitting Polymer Hybrids by a Systematic Doping Strategy via FÃ¶rster Resonance Energy Transfer for White Emission. Micromachines, 2021, 12, 1371.	1.4	5
20	Optical and structural properties of CsPbBr3 perovskite quantum dots/PFO polymer composite thin films. Journal of Colloid and Interface Science, 2020, 563, 426-434.	5.0	77
21	Improving Photophysical Properties of White Emitting Ternary Conjugated Polymer Blend Thin Film via Additions of TiO2 Nanoparticles. Polymers, 2020, 12, 2154.	2.0	13
22	Structural, Electronic, and Optical Properties of CsPb(Br1â^'xClx)3 Perovskite: First-Principles Study with PBEâ€“GGA and mBJâ€“GGA Methods. Materials, 2020, 13, 4944.	1.3	22
23	Fabrication of Thin Films from Powdered Cesium Lead Bromide (CsPbBr₃) Perovskite Quantum Dots for Coherent Green Light Emission. ACS Omega, 2020, 5, 30111-30122.	1.6	26
24	Ultra-Stable Polycrystalline CsPbBr3 Perovskiteâ€“Polymer Composite Thin Disk for Light-Emitting Applications. Nanomaterials, 2020, 10, 2382.	1.9	18
25	Reducing Amplified Spontaneous Emission Threshold in CsPbBr3 Quantum Dot Films by Controlling TiO2 Compact Layer. Nanomaterials, 2020, 10, 1605.	1.9	15
26	Single-Source Thermal Evaporation Growth and the Tuning Surface Passivation Layer Thickness Effect in Enhanced Amplified Spontaneous Emission Properties of CsPb(Br0.5Cl0.5)3 Perovskite Films. Polymers, 2020, 12, 2953.	2.0	15
27	Triplet Energy Transfer Mechanism of Ternary Organic Hybrid Thin Films of PFO/MEH-PPV/CsPbBr3 Perovskite Quantum Dots. Nanomaterials, 2020, 10, 2094.	1.9	6
28	Computational Investigation of the Folded and Unfolded Band Structure and Structural and Optical Properties of CsPb(I1â^'xBrx)3 Perovskites. Crystals, 2020, 10, 342.	1.0	9
29	Density Functional Study of Cubic, Tetragonal, and Orthorhombic CsPbBr₃ Perovskite. ACS Omega, 2020, 5, 7468-7480.	1.6	105
30	Effect of Donor-Acceptor Concentration Ratios on Non-Radiative Energy Transfer in Zero-Dimensional Cs4PbBr6 Perovskite/MEH-PPV Nanocomposite Thin Films. Polymers, 2020, 12, 444.	2.0	11
31	First principle-based calculations of the optoelectronic features of 2 x 2 x 2 CsPb(I1-xBrx)3 perovskite. Superlattices and Microstructures, 2020, 140, 106474.	1.4	15
32	Effect of deposition method on the structural and optical properties of CH3NH3PbI3 perovskite thin films. Optical Materials, 2020, 103, 109836.	1.7	64
33	Photophysical Properties and Energy Transfer Mechanism in PFO/TiO2/MEH-PPV Nanocomposite Thin Films. Sains Malaysiana, 2020, 49, 2801-2809.	0.3	3
34	Photophysical and energy transfer mechanism studies of Poly (9,9-di-n-octylflourenyl-2,7-diyl)/Fluorol 7GA/Poly [2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene] ternary organic blend films. Thin Solid Films, 2019, 683, 90-96.	0.8	3
35	Longâ€range dipoleâ€“dipole energy transfer enhancement via addition of SiO₂/TiO₂ nanocomposite in PFO/MEHâ€PPV hybrid thin films. Journal of Applied Polymer Science, 2019, 136, 47845.	1.3	21
36	Synthesis of Pure Brookite Nanorods in a Nonaqueous Growth Environment. Crystals, 2019, 9, 562.	1.0	22

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37	Restraining effect of film thickness on the behaviour of amplified spontaneous emission from methylammonium lead iodide perovskite. IET Optoelectronics, 2019, 13, 2-6.	1.8	19
38	Structural and optical investigation of brookite TiO2 thin films grown by atomic layer deposition on Si (111) substrates. Materials Chemistry and Physics, 2019, 225, 55-59.	2.0	11
39	Laser induced photocurrent and photovoltage transient measurements of dye-sensitized solar cells based on TiO2 nanosheets and TiO2 nanoparticles. Electrochimica Acta, 2016, 212, 992-997.	2.6	11
40	Band-gap tuning of lead halide perovskite using a single step spin-coating deposition process. Materials Letters, 2016, 164, 498-501.	1.3	65
41	Structural and Spectroscopic Characterization of PM 597 Dye-Silica Core-Shell Nanoparticles. Journal of Spectroscopy, 2015, 2015, 1-7.	0.6	0
42	Invoking the frequency dependence in square modulated light intensity techniques for the measurement of electron time constants in dye-sensitized solar cells. , 2015, , .		0
43	Structural and spectral investigations of Rhodamine (Rh6G) dye-silica coreâ€“shell nanoparticles. Optical Materials, 2012, 34, 761-768.	1.7	14