Shahzada Ahmad

List of Publications by Year
in descending order

139 papers	10,391 citations	29994 54 h-index	33814 99 g-index
154 all docs	154 docs citations	154 times ranked	11728 citing authors

#	Article	IF	Citations
1	Perovskite as Light Harvester: A Game Changer in Photovoltaics. Angewandte Chemie - International Edition, 2014, 53, 2812-2824.	7.2	862
2	Holeâ€Transport Materials for Perovskite Solar Cells. Angewandte Chemie - International Edition, 2016, 55, 14522-14545.	7.2	786
3	Large guanidinium cation mixed with methylammonium in lead iodide perovskites for 19% efficient solar cells. Nature Energy, 2017, 2, 972-979.	19.8	445
4	Solar conversion of CO2 to CO using Earth-abundant electrocatalysts prepared by atomic layer modification of CuO. Nature Energy, 2017, 2, .	19.8	436
5	Metal free sensitizer and catalyst for dye sensitized solar cells. Energy and Environmental Science, 2013, 6, 3439.	15.6	365
6	Triazatruxene-Based Hole Transporting Materials for Highly Efficient Perovskite Solar Cells. Journal of the American Chemical Society, 2015, 137, 16172-16178.	6.6	321
7	Real-space observation of unbalanced charge distribution inside a perovskite-sensitized solar cell. Nature Communications, 2014, 5, 5001.	5.8	294
8	A Methoxydiphenylamineâ€Substituted Carbazole Twin Derivative: An Efficient Holeâ€Transporting Material for Perovskite Solar Cells. Angewandte Chemie - International Edition, 2015, 54, 11409-11413.	7.2	239
9	Performance analysis of MAPbI3 based perovskite solar cells employing diverse charge selective contacts: Simulation study. Solar Energy, 2019, 193, 948-955.	2.9	218
10	Dye-sensitized solar cells based on poly (3,4-ethylenedioxythiophene) counter electrode derived from ionic liquids. Journal of Materials Chemistry, 2010, 20, 1654.	6.7	208
11	Advanced research trends in dye-sensitized solar cells. Journal of Materials Chemistry A, 2021, 9, 10527-10545.	5.2	205
12	A dopant free linear acene derivative as a hole transport material for perovskite pigmented solar cells. Energy and Environmental Science, 2015, 8, 1816-1823.	15.6	202
13	Investigation Regarding the Role of Chloride in Organicâ€“Inorganic Halide Perovskites Obtained from Chloride Containing Precursors. Nano Letters, 2014, 14, 6991-6996.	4.5	185
14	Elucidating Transport-Recombination Mechanisms in Perovskite Solar Cells by Small-Perturbation Techniques. Journal of Physical Chemistry C, 2014, 118, 22913-22922.	1.5	175
15	Review of degradation and failure phenomena in photovoltaic modules. Renewable and Sustainable Energy Reviews, 2022, 159, 112160.	8.2	166
16	Yttrium-substituted nanocrystalline TiO₂photoanodes for perovskite based heterojunction solar cells. Nanoscale, 2014, 6, 1508-1514.	2.8	162
17	Cesium power: low Cs⁺levels impart stability to perovskite solar cells. Physical Chemistry Chemical Physics, 2017, 19, 4069-4077.	1.3	155
18	Influence of the counter electrode on the photovoltaic performance of dye-sensitized solar cells using a disulfide/thiolate redox electrolyte. Energy and Environmental Science, 2012, 5, 6089.	15.6	144

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19	Direct monitoring of ultrafast electron and hole dynamics in perovskite solar cells. Physical Chemistry Chemical Physics, 2015, 17, 14674-14684.	1.3	141
20	A Generic Route of Hydrophobic Doping in Hole Transporting Material to Increase Longevity of Perovskite Solar Cells. Joule, 2018, 2, 1800-1815.	11.7	139
21	Dye-sensitized solar cells employing polymers. Progress in Polymer Science, 2016, 59, 1-40.	11.8	136
22	Dye sensitized photoelectrolysis cells. Chemical Society Reviews, 2019, 48, 3705-3722.	18.7	133
23	Recent advances in alternative counter electrode materials for Co-mediated dye-sensitized solar cells. Nanoscale, 2015, 7, 11877-11893.	2.8	126
24	Efficient Platinumâ€Free Counter Electrodes for Dyeâ€Sensitized Solar Cell Applications. ChemPhysChem, 2010, 11, 2814-2819.	1.0	124
25	Toward Phase Stability: Dionâ€"Jacobson Layered Perovskite for Solar Cells. ACS Energy Letters, 2019, 4, 2960-2974.	8.8	124
26	Electrochemical Synthesis and Surface Characterization of Poly(3,4-ethylenedioxythiophene) Films Grown in an Ionic Liquid. Langmuir, 2007, 23, 11430-11433.	1.6	110
27	Performance and stability of mixed FAPbI3(0.85)MAPbBr3(0.15) halide perovskite solar cells under outdoor conditions and the effect of low light irradiation. Nano Energy, 2016, 30, 570-579.	8.2	110
28	Synthesis and characterization of in situ prepared poly (methyl methacrylate) nanocomposites. Bulletin of Materials Science, 2007, 30, 31-35.	0.8	100
29	Carbazole-based enamine: Low-cost and efficient hole transporting material for perovskite solar cells. Nano Energy, 2017, 32, 551-557.	8.2	97
30	Impact of moisture on efficiency-determining electronic processes in perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 10917-10927.	5.2	95
31	Role of fumed silica on ion conduction and rheology in nanocomposite polymeric electrolytes. Polymer, 2006, 47, 3583-3590.	1.8	93
32	A ZnO/PEDOT:PSS based inorganic/organic hetrojunction. Solid State Communications, 2009, 149, 771-774.	0.9	89
33	A new generation of platinum and iodine free efficient dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 10631.	1.3	89
34	Specific cation interactions as the cause of slow dynamics and hysteresis in dye and perovskite solar cells: a small-perturbation study. Physical Chemistry Chemical Physics, 2016, 18, 31033-31042.	1.3	89
35	UV-cured polymer electrolytes encompassing hydrophobic room temperature ionic liquid for lithium batteries. Journal of Power Sources, 2010, 195, 1706-1713.	4.0	86
36	Towards a Universal Approach for the Analysis of Impedance Spectra of Perovskite Solar Cells: Equivalent Circuits and Empirical Analysis. ChemElectroChem, 2017, 4, 2891-2901.	1.7	84

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37	Non-aggregated Zn(<scp>ii</scp>)octa(2,6-diphenylphenoxy) phthalocyanine as a hole transporting material for efficient perovskite solar cells. Dalton Transactions, 2015, 44, 10847-10851.	1.6	83
38	Surface passivation of perovskite layers using heterocyclic halides: Improved photovoltaic properties and intrinsic stability. Nano Energy, 2018, 50, 220-228.	8.2	79
39	Influence of the mixed organic cation ratio in lead iodide based perovskite on the performance of solar cells. Physical Chemistry Chemical Physics, 2016, 18, 27148-27157.	1.3	75
40	The effect of nanosized TiO2 addition on poly(methylmethacrylate) based polymer electrolytes. Journal of Power Sources, 2006, 159, 205-209.	4.0	73
41	Lochtransportmaterialien fÃ¼r Perowskitâ€Solarzellen. Angewandte Chemie, 2016, 128, 14740-14764.	1.6	72
42	Unraveling Charge Carriers Generation, Diffusion, and Recombination in Formamidinium Lead Triiodide Perovskite Polycrystalline Thin Film. Journal of Physical Chemistry Letters, 2016, 7, 204-210.	2.1	67
43	Layered Ruddlesdenâ€“Popper Efficient Perovskite Solar Cells with Controlled Quantum and Dielectric Confinement Introduced via Doping. Advanced Functional Materials, 2019, 29, 1903293.	7.8	66
44	Advances in design engineering and merits of electron transporting layers in perovskite solar cells. Materials Horizons, 2020, 7, 2276-2291.	6.4	66
45	LiFePO 4 particle conductive composite strategies for improving cathode rate capability. Electrochimica Acta, 2015, 163, 323-329.	2.6	65
46	Origin and Whereabouts of Recombination in Perovskite Solar Cells. Journal of Physical Chemistry C, 2017, 121, 9705-9713.	1.5	65
47	Rational design of triazatruxene-based hole conductors for perovskite solar cells. RSC Advances, 2015, 5, 53426-53432.	1.7	64
48	Extending the Lifetime of Perovskite Solar Cells using a Perfluorinated Dopant. ChemSusChem, 2016, 9, 2708-2714.	3.6	62
49	Silica Reinforced Organicâ€“Inorganic Hybrid Polyurethane Nanocomposites From Sustainable Resource. Macromolecular Chemistry and Physics, 2010, 211, 412-419.	1.1	60
50	Energy level engineering of charge selective contact and halide perovskite by modulating band offset: Mechanistic insights. Journal of Energy Chemistry, 2021, 54, 822-829.	7.1	60
51	Perovskite Solar Cells Based on Nanocolumnar Plasmaâ€Deposited ZnO Thin Films. ChemPhysChem, 2014, 15, 1148-1153.	1.0	59
52	Nanocomposite electrolytes with fumed silica in poly(methyl methacrylate): thermal, rheological and conductivity studies. Journal of Power Sources, 2005, 140, 151-156.	4.0	58
53	Interface Play between Perovskite and Hole Selective Layer on the Performance and Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 34414-34421.	4.0	56
54	Urethane modified boron filled polyesteramide: a novel anti-microbial polymer from a sustainable resource. European Polymer Journal, 2004, 40, 2097-2104.	2.6	54

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55	Vacuum deposited perovskite solar cells employing dopant-free triazatruxene as the hole transport material. Solar Energy Materials and Solar Cells, 2017, 163, 237-241.	3.0	54
56	Identifying the charge generation dynamics in Cs⁺-based triple cation mixed perovskite solar cells. Physical Chemistry Chemical Physics, 2017, 19, 22905-22914.	1.3	50
57	Towards Extending Solar Cell Lifetimes: Addition of a Fluorous Cation to Triple Cationâ€Based Perovskite Films. ChemSusChem, 2017, 10, 3846-3853.	3.6	49
58	Electrochromic properties of polyaniline thin film nanostructures derived from solutions of ionic liquid/polyethylene glycol. Electrochimica Acta, 2007, 52, 7453-7463.	2.6	48
59	Interface Engineering by Thiazolium Iodide Passivation Towards Reduced Thermal Diffusion and Performance Improvement in Perovskite Solar Cells. Advanced Functional Materials, 2020, 30, 1910561.	7.8	47
60	Polypyrrole films electropolymerized from ionic liquids and in a traditional liquid electrolyte: A comparison of morphology and electroâ€“optical properties. European Polymer Journal, 2008, 44, 3288-3299.	2.6	46
61	Composite gel electrolytes based on poly(methylmethacrylate) and hydrophilic fumed silica. Electrochimica Acta, 2004, 49, 2343-2349.	2.6	44
62	Ionogels encompassing ionic liquid with liquid like performance preferable for fast solid state electrochromic devices. Electrochemistry Communications, 2007, 9, 1635-1638.	2.3	42
63	Photoanode Based on (001)-Oriented Anatase Nanoplatelets for Organicâ€“Inorganic Lead Iodide Perovskite Solar Cell. Chemistry of Materials, 2014, 26, 4675-4678.	3.2	39
64	Pyridine Bridging Diphenylamine-Carbazole with Linking Topology as Rational Hole Transporter for Perovskite Solar Cells Fabrication. ACS Applied Materials & Interfaces, 2020, 12, 22881-22890.	4.0	38
65	Reduced trap density and mitigating the interfacial losses by placing 2D dichalcogenide material at perovskite/HTM interface in a dopant free perovskite solar cells. Nano Energy, 2020, 77, 105292.	8.2	37
66	Leadâ€Free Perovskites: Metals Substitution towards Environmentally Benign Solar Cell Fabrication. ChemSusChem, 2019, 12, 4116-4139.	3.6	36
67	Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>) based phthalocyanines as hole selective layers for perovskite solar cells. Sustainable Energy and Fuels, 2017, 1, 2071-2077.	2.5	35
68	1-dimensional TiO2 nano-forests as photoanodes for efficient and stable perovskite solar cells fabrication. Nano Energy, 2017, 35, 215-222.	8.2	34
69	Harnessing the potential of lead-free Snâ€“Ge based perovskite solar cells by unlocking the recombination channels. Sustainable Energy and Fuels, 2021, 5, 4661-4667.	2.5	34
70	Improving the cycling performance of LiFePO₄ cathode material by poly(3,4-ethylenedioxythiopene) coating. RSC Advances, 2014, 4, 26108-26114.	1.7	33
71	Molecular dynamics simulations of organohalide perovskite precursors: solvent effects in the formation of perovskite solar cells. Physical Chemistry Chemical Physics, 2015, 17, 22770-22777.	1.3	32
72	How photon pump fluence changes the charge carrier relaxation mechanism in an organicâ€“inorganic hybrid lead triiodide perovskite. Physical Chemistry Chemical Physics, 2016, 18, 27090-27101.	1.3	32

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73	Elucidating the Impact of Charge Selective Contact in Halide Perovskite through Impedance Spectroscopy. Advanced Materials Interfaces, 2019, 6, 1901193.	1.9	30
74	Mechanistic origin and unlocking of negative capacitance in perovskites solar cells. IScience, 2021, 24, 102024.	1.9	30
75	Electrical Methods to Elucidate Charge Transport in Hybrid Perovskites Thin Films and Devices. Chemical Record, 2020, 20, 452-465.	2.9	28
76	Truly quasi-solid-state lithium cells utilizing carbonate free polymer electrolytes on engineered LiFePO4. Electrochimica Acta, 2016, 199, 172-179.	2.6	27
77	Elucidating the Doping Mechanism in Fluoreneâ€"Dithiophene-Based Hole Selective Layer Employing Ultrahydrophobic Ionic Liquid Dopant. ACS Applied Materials & Interfaces, 2020, 12, 9395-9403.	4.0	26
78	Review of technology specific degradation in crystalline silicon, cadmium telluride, copper indium gallium selenide, dye sensitised, organic and perovskite solar cells in photovoltaic modules: Understanding how reliability improvements in mature technologies can enhance emerging technologies. Progress in Photovoltaics: Research and Applications, 2022, 30, 1365-1392.	4.4	26
79	Low-Temperature-Processed Perovskite Solar Cells Fabricated from Presynthesized CsFAPbI₃ Powder. ACS Applied Energy Materials, 2021, 4, 2600-2606.	2.5	25
80	Nanocolumnar 1-dimensional TiO₂ photoanodes deposited by PVD-OAD for perovskite solar cell fabrication. Journal of Materials Chemistry A, 2015, 3, 13291-13298.	5.2	24
81	Effect of nano Î3-Al2O3 addition on ion dynamics in polymer electrolytes. Current Applied Physics, 2009, 9, 108-114.	1.1	23
82	Highly efficient flexible cathodes for dye sensitized solar cells to complement Pt@TCO coatings. Journal of Materials Chemistry A, 2014, 2, 3175.	5.2	22
83	Methoxydiphenylamine-substituted fluorene derivatives as hole transporting materials: role of molecular interaction on device photovoltaic performance. Scientific Reports, 2017, 7, 150.	1.6	22
84	Nanocomposite polymer electrolytes by <i>in situ</i> polymerization of methyl methacrylate: For electrochemical applications. Journal of Applied Polymer Science, 2008, 107, 3042-3048.	1.3	20
85	Tailoring of a Phenothiazine Core for Electrical Conductivity and Thermal Stability: Hole-Selective Layers in Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 33311-33320.	4.0	20
86	Electrochromic device based on carbon nanotubes functionalized poly (methyl pyrrole) synthesized in hydrophobic ionic liquid medium. Electrochemistry Communications, 2008, 10, 895-898.	2.3	19
87	Light management: porous 1-dimensional nanocolumnar structures as effective photonic crystals for perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 4962-4970.	5.2	19
88	Understanding the Influence of Interface Morphology on the Performance of Perovskite Solar Cells. Materials, 2018, 11, 1073.	1.3	19
89	Unravelling the theoretical window to fabricate high performance inorganic perovskite solar cells. Sustainable Energy and Fuels, 2021, 5, 219-229.	2.5	19
90	Surface polymerization of (3,4-ethylenedioxythiophene) probed by in situ scanning tunneling microscopy on Au(111) in ionic liquids. Nanoscale, 2011, 3, 251-257.	2.8	17

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91	Design of cyclopentadithiophene-based small organic molecules as hole selective layers for perovskite solar cells. Sustainable Energy and Fuels, 2018, 2, 2179-2186.	2.5	16
92	Asymmetrically Substituted Phthalocyanines as Dopant-Free Hole Selective Layers for Reliability in Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 10124-10135.	2.5	16
93	Strategic factors to design the next generation of molecular water oxidation catalysts: Lesson learned from ruthenium complexes. Coordination Chemistry Reviews, 2022, 450, 214256.	9.5	16
94	Judicious design of lithium iron phosphate electrodes using poly(3,4-ethylenedioxythiophene) for high performance batteries. Journal of Materials Chemistry A, 2015, 3, 14254-14262.	5.2	14
95	Polymer Amplification to Improve Performance and Stability toward Semitransparent Perovskite Solar Cells Fabrication. Energy Technology, 2020, 8, 1900728.	1.8	14
96	1T-Rich 2D-WS₂ as an interfacial agent to escalate photo-induced charge transfer dynamics in dopant-free perovskite solar cells. Journal of Materials Chemistry C, 2021, 9, 9865-9873.	2.7	14
97	Unraveling the Role of Monovalent Halides in Mixedâ€Halide Organicâ€“Inorganic Perovskites. ChemPhysChem, 2016, 17, 913-920.	1.0	13
98	Understanding and harnessing the potential of layered perovskite-based absorbersÂfor solar cells. Emergent Materials, 2020, 3, 751-778.	3.2	13
99	Partial substitution of the CdS buffer layer with interplay of fullerenes in kesterite solar cells. Journal of Materials Chemistry C, 2020, 8, 12533-12542.	2.7	13
100	Evaluating the Capacitive Response in Metal Halide Perovskite Solar Cells. Chemical Record, 2022, 22, e202100330.	2.9	13
101	Molecularly engineered thienyl-triphenylamine substituted zinc phthalocyanine as dopant free hole transporting materials in perovskite solar cells. Sustainable Energy and Fuels, 2020, 4, 6188-6195.	2.5	12
102	Predicting Perovskite Bandgap and Solar Cell Performance with Machine Learning. Solar Rrl, 2022, 6, 2100927.	3.1	12
103	The role of Cs+ inclusion in formamidinium lead triiodide-based perovskite solar cell. Chemical Papers, 2018, 72, 1645-1650.	1.0	11
104	RF plasma-enhanced grapheneâ€“polymer composites as hole transport materials for perovskite solar cells. Polymer Bulletin, 2018, 75, 4531-4545.	1.7	11
105	An Approach to Quantify the Negative Capacitance Features in a Tripleâ€Cation based Perovskite Solar Cells. Advanced Materials Interfaces, 2021, 8, 2101002.	1.9	11
106	Electrical field assisted growth of poly(3-hexylthiophene) layers employing ionic liquids: microstructure elucidated by scanning force and electron microscopy. Journal of Materials Chemistry, 2010, 20, 5325.	6.7	10
107	Oxazolium Iodide Modified Perovskites for Solar Cell Fabrication. ChemPlusChem, 2018, 83, 279-284.	1.3	10
108	A Machine Learning Approach for Metal Oxide Based Polymer Composites as Charge Selective Layers in Perovskite Solar Cells. ChemPlusChem, 2021, 86, 785-793.	1.3	10

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109	Decoding the charge carrier dynamics in triple cation-based perovskite solar cells. Sustainable Energy and Fuels, 2021, 5, 6352-6360.	2.5	10
110	Microstrain and Urbach Energy Relaxation in FAPbI₃-Based Solar Cells through Powder Engineering and Perfluoroalkyl Phosphate Ionic Liquid Additives. ACS Applied Materials & Interfaces, 2022, 14, 24546-24556.	4.0	10
111	Electrochemical in battery polymerization of poly(alkylenedioxythiophene) over lithium iron phosphate for high-performance cathodes. Physical Chemistry Chemical Physics, 2014, 16, 20724-20730.	1.3	8
112	Electrochemically determined biosensing ability of DNA probed by using poly(propylenedioxythiophene). Electrochimica Acta, 2014, 122, 87-92.	2.6	8
113	Benzothiadiazoleâ€“triphenylamine as an efficient exciton blocking layer in small molecule based organic solar cells. Sustainable Energy and Fuels, 2018, 2, 2296-2302.	2.5	8
114	Tetra-indole core as a dual agent: a hole selective layer that passivates defects in perovskite solar cells. Journal of Materials Chemistry C, 2021, 9, 7074-7082.	2.7	8
115	Structural and photophysical investigation of single-source evaporation of CsFAPbI₃ and FAPbI₃ perovskite thin films. Journal of Materials Chemistry C, 2022, 10, 10075-10082.	2.7	8
116	Substance and shadow of formamidinium lead triiodide based solar cells. Physical Chemistry Chemical Physics, 2021, 23, 9049-9060.	1.3	7
117	Sulfurization temperature effects on crystallization and performance of superstrate CZTS solar cells. Solar Energy, 2021, 224, 1136-1143.	2.9	7
118	Leverage of Pyridine Isomer on Phenothiazine Core: Organic Semiconductors as Selective Layers in Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 5729-5739.	4.0	7
119	Composite polymeric electrolytes based on PMMA-LiCF3SO3-SiO2. Ionics, 2003, 9, 439-443.	1.2	6
120	Electropolymerization of poly(methyl pyrrole)/carbon nanotubes composites derived from ionic liquid. Polymer Engineering and Science, 2009, 49, 916-921.	1.5	6
121	Electroactive Coatings: For Electrically Controlled on Demand Power Windows. Nanoscience and Nanotechnology Letters, 2013, 5, 3-12.	0.4	6
122	Probing the molecular orientation of chemically polymerized polythiophene-polyrotaxane via solid state NMR. Arabian Journal of Chemistry, 2017, 10, 708-714.	2.3	6
123	Appraisement of Crystal Expansion in CH₃NH₃PbI₃ on Doping: Improved Photovoltaic Properties. ChemSusChem, 2019, 12, 2366-2372.	3.6	6
124	Dibenzo-tetraphenyl diindeno perylene as hole transport layer for high-bandgap perovskite solar cells. Emergent Materials, 2020, 3, 109-116.	3.2	6
125	Deciphering the Orientation of the Aromatic Spacer Cation in Bilayer Perovskite Solar Cells through Spectroscopic Techniques. ACS Applied Materials & Interfaces, 2021, 13, 48219-48227.	4.0	6
126	Molecular Interface Engineering via Triazatruxeneâ€Based Moieties/NiO_{<i>x</i>} as Holeâ€Selective Bilayers in Perovskite Solar Cells for Reliability. Solar Rrl, 2022, 6, .	3.1	6

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127	Reducing the Trap Density in MAPbI₃ Based Perovskite Solar Cells via Bromide Substitution. ChemPlusChem, 2022, 87, e202200021.	1.3	6
128	The impact of fluorine atoms on a triphenylamine-based dopant-free hole-selective layer for perovskite solar cells. Journal of Materials Chemistry C, 2022, 10, 476-484.	2.7	5
129	Enhancing operational stability in perovskite solar cells by solvent-free encapsulation method. Sustainable Energy and Fuels, 2022, 6, 2264-2275.	2.5	5
130	Tuning of MEH-PPV electro-optical properties by incorporation of benzylidene-malononitrile-based small organic molecules. Emergent Materials, 2020, 3, 687-692.	3.2	4
131	<i>N</i>-Bromosuccinimide as an Interfacial Alleviator for Br/I Exchange in Perovskite for Solar Cell Fabrication. ACS Applied Energy Materials, 2021, 4, 3130-3140.	2.5	4
132	Interfacial modification of perovskite solar cells via Cs2CO3: Computational and experimental approach. Solar Energy, 2021, 228, 700-705.	2.9	4
133	Substituents interplay in piperidinyl-perylenediimide as dopant-free hole-selective layer for perovskite solar cells fabrication. Emergent Materials, 2022, 5, 977-985.	3.2	4
134	Impact of cation substitution in all solution-processed Cu2(Cd,Zn)SnS4 superstrate solar cells. Journal of Materials Chemistry C, 0, , .	2.7	3
135	Smart electrochromic windows (SECWs) for energy management. Ionics, 2004, 10, 226-232.	1.2	2
136	Conduction behavior in ionic liquids assisted electrodeposited polypyrrole layers. Polymer Engineering and Science, 2011, 51, 1513-1518.	1.5	2
137	Appraisement of Crystal Expansion in CH3 NH3 PbI3 on Doping: Improved Photovoltaic Properties. ChemSusChem, 2019, 12, 2329-2329.	3.6	1
138	Protocol for deciphering the electrical parameters of perovskite solar cells using immittance spectroscopy. STAR Protocols, 2021, 2, 100510.	0.5	0
139	Perovskite Materials and Devices. ChemPlusChem, 2022, 87, e202200066.	1.3	0