

F Javier Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,388
citations

471371

17
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

2984
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of thermoregulating slurries constituted by nanocapsules from melamine-formaldehyde containing n-octadecane. <i>Journal of Energy Storage</i> , 2022, 51, 104465.	3.9	4
2	An environmentally friendly production of <sc>esterâ€biolubricant</sc> from oleic acid. <i>Biofuels, Bioproducts and Biorefining</i> , 2022, 16, 1655-1666.	1.9	2
3	The role of vinyl terminated silanes for producing highly concentrated polystyrene slurries in a single step process. <i>Colloid and Polymer Science</i> , 2020, 298, 1685-1697.	1.0	1
4	Cyclopentadithiophene and Fluorene Spiro-Core-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22767-22774.	1.5	17
5	Investigation of in-depth transport and absorption properties of various perovskite materials using luminescence imaging. , 2018, , .		0
6	Spatial Inhomogeneity Analysis of Cesium-Rich Wrinkles in Triple-Cation Perovskite. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23345-23351.	1.5	24
7	Slow Diffusion and Long Lifetime in Metal Halide Perovskites for Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24570-24577.	1.5	22
8	Highly efficient MoO _x -free semitransparent perovskite cell for 4â€T tandem application improving the efficiency of commercially-available Al-BSF silicon. <i>Scientific Reports</i> , 2018, 8, 16139.	1.6	30
9	Versatile perovskite solar cell encapsulation by low-temperature ALD-Al ₂ O ₃ with long-term stability improvement. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2468-2479.	2.5	66
10	Electrochromic nickel oxide thin films by a simple solution process: Influence of post-treatments on growth and properties. <i>Thin Solid Films</i> , 2018, 661, 143-149.	0.8	11
11	Impact of Environmental Stresses Onto Transport Properties of Hybrid Perovskite Investigated by Steady State Photocurrent Grating and Steady State Photocurrent Techniques. <i>Solar Rrl</i> , 2018, 2, 1800192.	3.1	7
12	Unraveling the Role of Monovalent Halides in Mixedâ€Halide Organicâ€Inorganic Perovskites. <i>ChemPhysChem</i> , 2016, 17, 913-920.	1.0	13
13	Extending the Lifetime of Perovskite Solar Cells using a Perfluorinated Dopant. <i>ChemSusChem</i> , 2016, 9, 2708-2714.	3.6	62
14	Light management: porous 1-dimensional nanocolumnar structures as effective photonic crystals for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4962-4970.	5.2	19
15	Rational design of triazatruxene-based hole conductors for perovskite solar cells. <i>RSC Advances</i> , 2015, 5, 53426-53432.	1.7	64
16	Direct monitoring of ultrafast electron and hole dynamics in perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14674-14684.	1.3	141
17	Non-aggregated Zn(<sc>ii</sc>)octa(2,6-diphenylphenoxy) phthalocyanine as a hole transporting material for efficient perovskite solar cells. <i>Dalton Transactions</i> , 2015, 44, 10847-10851.	1.6	83
18	A dopant free linear acene derivative as a hole transport material for perovskite pigmented solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 1816-1823.	15.6	202

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19	Nanocolumnar 1-dimensional TiO ₂ photoanodes deposited by PVD-OAD for perovskite solar cell fabrication. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13291-13298.	5.2	24
20	Perovskite Solar Cells Based on Nanocolumnar Plasma-Deposited ZnO Thin Films. <i>ChemPhysChem</i> , 2014, 15, 1148-1153.	1.0	59
21	Highly efficient flexible cathodes for dye sensitized solar cells to complement Pt@TCO coatings. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3175.	5.2	22
22	Fabrication and encapsulation of perovskites sensitized solid state solar cells. , 2014, , .		7
23	Photoanode Based on (001)-Oriented Anatase Nanoplatelets for Organic-Inorganic Lead Iodide Perovskite Solar Cell. <i>Chemistry of Materials</i> , 2014, 26, 4675-4678.	3.2	39
24	Real-space observation of unbalanced charge distribution inside a perovskite-sensitized solar cell. <i>Nature Communications</i> , 2014, 5, 5001.	5.8	294
25	Elucidating Transport-Recombination Mechanisms in Perovskite Solar Cells by Small-Perturbation Techniques. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22913-22922.	1.5	175