F Javier Ramos

List of Publications by Year in descending order

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F LAVIED RAMOS

#	Article	IF	CITATIONS
1	Production of thermoregulating slurries constituted by nanocapsules from melamine-formaldehyde containing n-octadecane. Journal of Energy Storage, 2022, 51, 104465.	8.1	4
2	An environmentally friendly production of <scp>esterâ€biolubricant</scp> from oleic acid. Biofuels, Bioproducts and Biorefining, 2022, 16, 1655-1666.	3.7	2
3	The role of vinyl terminated silanes for producing highly concentrated polystyrene slurries in a single step process. Colloid and Polymer Science, 2020, 298, 1685-1697.	2.1	1
4	Cyclopentadithiophene and Fluorene Spiro-Core-Based Hole-Transporting Materials for Perovskite Solar Cells. Journal of Physical Chemistry C, 2019, 123, 22767-22774.	3.1	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. Journal of Physical Chemistry C, 2018, 122, 23345-23351.	3.1	24
7	Slow Diffusion and Long Lifetime in Metal Halide Perovskites for Photovoltaics. Journal of Physical Chemistry C, 2018, 122, 24570-24577.	3.1	22
8	Highly efficient MoOx-free semitransparent perovskite cell for 4 T tandem application improving the efficiency of commercially-available Al-BSF silicon. Scientific Reports, 2018, 8, 16139.	3.3	30
9	Versatile perovskite solar cell encapsulation by low-temperature ALD-Al ₂ O ₃ with long-term stability improvement. Sustainable Energy and Fuels, 2018, 2, 2468-2479.	4.9	66
10	Electrochromic nickel oxide thin films by a simple solution process: Influence of post-treatments on growth and properties. Thin Solid Films, 2018, 661, 143-149.	1.8	11
11	Impact of Environmental Stresses Onto Transport Properties of Hybrid Perovskite Investigated by Steady State Photocarrier Grating and Steady State Photocurrent Techniques. Solar Rrl, 2018, 2, 1800192.	5.8	7
12	Unraveling the Role of Monovalent Halides in Mixedâ€Halide Organic–Inorganic Perovskites. ChemPhysChem, 2016, 17, 913-920.	2.1	13
13	Extending the Lifetime of Perovskite Solar Cells using a Perfluorinated Dopant. ChemSusChem, 2016, 9, 2708-2714.	6.8	62
14	Light management: porous 1-dimensional nanocolumnar structures as effective photonic crystals for perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 4962-4970.	10.3	19
15	Rational design of triazatruxene-based hole conductors for perovskite solar cells. RSC Advances, 2015, 5, 53426-53432.	3.6	64
16	Direct monitoring of ultrafast electron and hole dynamics in perovskite solar cells. Physical Chemistry Chemical Physics, 2015, 17, 14674-14684.	2.8	141
17	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.	3.3	83
18	A dopant free linear acene derivative as a hole transport material for perovskite pigmented solar cells. Energy and Environmental Science, 2015, 8, 1816-1823.	30.8	202

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19	Nanocolumnar 1-dimensional TiO ₂ photoanodes deposited by PVD-OAD for perovskite solar cell fabrication. Journal of Materials Chemistry A, 2015, 3, 13291-13298.	10.3	24
20	Perovskite Solar Cells Based on Nanocolumnar Plasmaâ€Deposited ZnO Thin Films. ChemPhysChem, 2014, 15, 1148-1153.	2.1	59
21	Highly efficient flexible cathodes for dye sensitized solar cells to complement Pt@TCO coatings. Journal of Materials Chemistry A, 2014, 2, 3175.	10.3	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. Chemistry of Materials, 2014, 26, 4675-4678.	6.7	39
24	Real-space observation of unbalanced charge distribution inside a perovskite-sensitized solar cell. Nature Communications, 2014, 5, 5001.	12.8	294
25	Elucidating Transport-Recombination Mechanisms in Perovskite Solar Cells by Small-Perturbation Techniques, Journal of Physical Chemistry C. 2014, 118, 22913-22922.	3.1	175