Marco Alejandro Ruiz Preciado

List of Publications by Year
in descending order

17 papers	1,073 citations	623188 14 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	1513 citing authors

#	Article	IF	Citations
1	An open-access database and analysis tool for perovskite solar cells based on the FAIR data principles. Nature Energy, 2022, 7, 107-115.	19.8	136
2	Monolithic Two-Terminal Perovskite/CIS Tandem Solar Cells with Efficiency Approaching 25%. ACS Energy Letters, 2022, 7, 2273-2281.	8.8	40
3	Copolymerâ€Templated Nickel Oxide for Highâ€Efficiency Mesoscopic Perovskite Solar Cells in Inverted Architecture. Advanced Functional Materials, 2021, 31, 2102237.	7.8	51
4	Naphthalenediimide/Formamidinium-Based Low-Dimensional Perovskites. Chemistry of Materials, 2021, 33, 6412-6420.	3.2	16
5	Zinc Phthalocyanine Conjugated Dimers as Efficient Dopantâ€Free Hole Transporting Materials in Perovskite Solar Cells. ChemPhotoChem, 2020, 4, 307-314.	1.5	19
6	Supramolecular Modulation of Hybrid Perovskite Solar Cells via Bifunctional Halogen Bonding Revealed by Two-Dimensional ¹⁹F Solid-State NMR Spectroscopy. Journal of the American Chemical Society, 2020, 142, 1645-1654.	6.6	69
7	Guanineâ€Stabilized Formamidinium Lead Iodide Perovskites. Angewandte Chemie - International Edition, 2020, 59, 4691-4697.	7.2	61
8	Guanineâ€Stabilized Formamidinium Lead Iodide Perovskites. Angewandte Chemie, 2020, 132, 4721-4727.	1.6	0
9	Highly efficient, stable and hysteresisâ€'less planar perovskite solar cell based on chemical bath treated Zn2SnO4 electron transport layer. Nano Energy, 2020, 75, 105038.	8.2	77
10	Tailored Amphiphilic Molecular Mitigators for Stable Perovskite Solar Cells with 23.5% Efficiency. Advanced Materials, 2020, 32, e1907757.	11.1	303
11	p-Phenylene-bridged zinc phthalocyanine-dimer as hole-transporting material in perovskite solar cells. Journal of Porphyrins and Phthalocyanines, 2019, 23, 546-553.	0.4	12
12	Supramolecular Engineering for Formamidiniumâ€Based Layered 2D Perovskite Solar Cells: Structural Complexity and Dynamics Revealed by Solidâ€State NMR Spectroscopy. Advanced Energy Materials, 2019, 9, 1900284.	10.2	89
13	Nanostructured NiTiO3as a Catalytic Material for Methanol Electrochemical Oxidation in Alkaline Conditions. Journal of the Electrochemical Society, 2018, 165, H84-H90.	1.3	7
14	Nickel titanate (NiTiO₃) thin films: RF-sputtering synthesis and investigation of related features for photocatalysis. CrystEngComm, 2016, 18, 3229-3236.	1.3	38
15	Comparison of nickel titanate (NiTiO3) powders synthesized by solâ€"gel and solid state reaction. Materials Science in Semiconductor Processing, 2015, 37, 171-178.	1.9	55
16	Visible-light photocatalytic activity of nitrogen-doped NiTiO₃ thin films prepared by a co-sputtering process. RSC Advances, 2015, 5, 10551-10559.	1.7	63
17	Vibrational and electronic peculiarities of NiTiO₃nanostructures inferred from first principle calculations. RSC Advances, 2015, 5, 17396-17404.	1.7	37