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List of Publications by Year in descending order

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docs citations

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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.	39.5	136
2	Monolithic Two-Terminal Perovskite/CIS Tandem Solar Cells with Efficiency Approaching 25%. ACS Energy Letters, 2022, 7, 2273-2281.	17.4	40
3	Copolymer-templated Nickel Oxide for High-Efficiency Mesoscopic Perovskite Solar Cells in Inverted Architecture. Advanced Functional Materials, 2021, 31, 2102237.	14.9	51
4	Naphthalenediimide/Formamidinium-Based Low-Dimensional Perovskites. Chemistry of Materials, 2021, 33, 6412-6420.	6.7	16
5	Zinc Phthalocyanine Conjugated Dimers as Efficient Dopant-Free Hole Transporting Materials in Perovskite Solar Cells. ChemPhotoChem, 2020, 4, 307-314.	3.0	19
6	Supramolecular Modulation of Hybrid Perovskite Solar Cells via Bifunctional Halogen Bonding Revealed by Two-Dimensional ¹⁹ F Solid-State NMR Spectroscopy. Journal of the American Chemical Society, 2020, 142, 1645-1654.	13.7	69
7	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. Angewandte Chemie - International Edition, 2020, 59, 4691-4697.	13.8	61
8	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. Angewandte Chemie, 2020, 132, 4721-4727.	2.0	0
9	Highly efficient, stable and hysteresis-less planar perovskite solar cell based on chemical bath treated Zn ₂ SnO ₄ electron transport layer. Nano Energy, 2020, 75, 105038.	16.0	77
10	Tailored Amphiphilic Molecular Mitigators for Stable Perovskite Solar Cells with 23.5% Efficiency. Advanced Materials, 2020, 32, e1907757.	21.0	303
11	<i>p</i> -Phenylene-bridged zinc phthalocyanine-dimer as hole-transporting material in perovskite solar cells. Journal of Porphyrins and Phthalocyanines, 2019, 23, 546-553.	0.8	12
12	Supramolecular Engineering for Formamidinium-Based Layered 2D Perovskite Solar Cells: Structural Complexity and Dynamics Revealed by Solid-State NMR Spectroscopy. Advanced Energy Materials, 2019, 9, 1900284.	19.5	89
13	Nanostructured NiTiO ₃ as a Catalytic Material for Methanol Electrochemical Oxidation in Alkaline Conditions. Journal of the Electrochemical Society, 2018, 165, H84-H90.	2.9	7
14	Nickel titanate (NiTiO ₃) thin films: RF-sputtering synthesis and investigation of related features for photocatalysis. CrystEngComm, 2016, 18, 3229-3236.	2.6	38
15	Comparison of nickel titanate (NiTiO ₃) powders synthesized by sol-gel and solid state reaction. Materials Science in Semiconductor Processing, 2015, 37, 171-178.	4.0	55
16	Visible-light photocatalytic activity of nitrogen-doped NiTiO ₃ thin films prepared by a co-sputtering process. RSC Advances, 2015, 5, 10551-10559.	3.6	63
17	Vibrational and electronic peculiarities of NiTiO ₃ nanostructures inferred from first principle calculations. RSC Advances, 2015, 5, 17396-17404.	3.6	37