Konstantinos Petridis

List of Publications by Year
in descending order

13	522	1040056 9	1372567 10
papers	citations	h-index	g-index

13	13	13	1039
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal Halide Perovskites for Highâ€Energy Radiation Detection. Advanced Science, 2020, 7, 2002098.	11.2	126
2	Inorganic and Hybrid Perovskite Based Laser Devices: A Review. Materials, 2019, 12, 859.	2.9	100
3	Solution Processed CH₃NH₃PbI_{3â€“x}Cl_x Perovskite Based Self-Powered Ozone Sensing Element Operated at Room Temperature. ACS Sensors, 2018, 3, 135-142.	7.8	96
4	Recent advances in plasmonic metal and rare-earth-element upconversion nanoparticle doped perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 21604-21624.	10.3	86
5	2D Materials Beyond Graphene for Metal Halide Perovskite Solar Cells. Advanced Materials Interfaces, 2018, 5, 1800339.	3.7	32
6	Updating the Role of Reduced Graphene Oxide Ink on Field Emission Devices in Synergy with Charge Transfer Materials. Nanomaterials, 2019, 9, 137.	4.1	17
7	Self-powered, flexible and room temperature operated solution processed hybrid metal halide p-type sensing element for efficient hydrogen detection. JPhys Materials, 2020, 3, 014010.	4.2	17
8	Grapheneâ€Based Inverted Planar Perovskite Solar Cells: Advancements, Fundamental Challenges, and Prospects. Chemistry - an Asian Journal, 2018, 13, 240-249.	3.3	16
9	An extensive case study on the dispersion parameters of HI-assisted reduced graphene oxide and its graphene oxide precursor. Journal of Colloid and Interface Science, 2020, 580, 332-344.	9.4	13
10	Emphasizing the Operational Role of a Novel Graphene-Based Ink into High Performance Ternary Organic Solar Cells. Nanomaterials, 2020, 10, 89.	4.1	9
11	2D Transition Metal Dichalcogenides for Solution-Processed Organic and Perovskite Solar Cells. , 2019, , 203-239.		7
12	Organometallic hybrid perovskites for humidity and gas sensing applications. , 2020, , 131-147.		3
13	Advanced Laser Processes for Energy Production. , 2016, , .		0