Tufan Paul

List of Publications by Year in descending order

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15 papers	490 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	373 citing authors

#	Article	IF	Citations
1	CsPbBrCl2/g-C3N4 type II heterojunction as efficient visible range photocatalyst. Journal of Hazardous Materials, 2019, 380, 120855.	12.4	124
2	Human motion interactive mechanical energy harvester based on all inorganic perovskite-PVDF. Nano Energy, 2020, 74, 104870.	16.0	85
3	Nonvolatile resistive switching and synaptic characteristics of lead-free all-inorganic perovskite-based flexible memristive devices for neuromorphic systems. Nanoscale, 2021, 13, 8864-8874.	5.6	57
4	Multilevel Programming and Light-Assisted Resistive Switching in a Halide-Tunable All-Inorganic Perovskite Cube for Flexible Memory Devices. ACS Applied Electronic Materials, 2020, 2, 3667-3677.	4.3	38
5	Ambient processed CsPbX3 perovskite cubes for photocatalysis. Materials Letters, 2020, 267, 127501.	2.6	26
6	Tailored CsPbX₃ Nanorods for Electron-Emission Nanodevices. ACS Applied Nano Materials, 2019, 2, 5942-5951.	5.0	24
7	Cube shaped FAPbBr3 for piezoelectric energy harvesting devices. Materials Letters, 2021, 301, 130264.	2.6	19
8	Electrochemical Performance of 3D Network CsPbBr₃ Perovskite Anodes for Li-Ion Batteries: Experimental Venture with Theoretical Expedition. Journal of Physical Chemistry C, 2021, 125, 16892-16902.	3.1	18
9	Temperature-dependent dielectric properties of CsPb₂Br₅: a 2D inorganic halide perovskite. Nanotechnology, 2022, 33, 195703.	2.6	18
10	All-inorganic halide perovskite tuned robust mechanical-energy harvester: Self driven posture monitor and power source for portable electronics. Applied Materials Today, 2022, 26, 101385.	4.3	17
11	All-inorganic CsPbBr3 perovskite as potential electrode material for symmetric supercapacitor. Solid State Sciences, 2021, 122, 106769.	3.2	16
12	Solution-processed light-induced multilevel non-volatile wearable memory device based on CsPb₂Br₅ perovskite. Dalton Transactions, 2022, 51, 3864-3874.	3.3	16
13	Photoelectrocatalytic CO2 reduction using stable lead-free bimetallic CsAgBr2 halide perovskite nanocrystals. Journal of Electroanalytical Chemistry, 2022, 920, 116583.	3.8	14
14	Shape-Shifting via Salt Crystallization: Conversion of a Nanostructured Polymer into a Site-Selective Nitrogen-Doped Carbon Sheet with Enhanced Supercapacitive Performance. ACS Applied Energy Materials, 2020, 3, 5984-5992.	5.1	10
15	Incorporation of V₂O₅ nanorods into perovskite photodetectors as an alternative approach to enhance device performance: a step towards stability against ambient water species. Dalton Transactions, 2020, 49, 15788-15799.	3.3	8