

# Tufan Paul

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11221906/publications.pdf>

Version: 2024-02-01

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	Solution-processed light-induced multilevel non-volatile wearable memory device based on CsPb <sub>2</sub> Br <sub>5</sub> perovskite. Dalton Transactions, 2022, 51, 3864-3874.	3.3	16
2	Temperature-dependent dielectric properties of CsPb <sub>2</sub> Br <sub>5</sub> : a 2D inorganic halide perovskite. Nanotechnology, 2022, 33, 195703.	2.6	18
3	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
4	Photoelectrocatalytic CO <sub>2</sub> reduction using stable lead-free bimetallic CsAgBr <sub>2</sub> halide perovskite nanocrystals. Journal of Electroanalytical Chemistry, 2022, 920, 116583.	3.8	14
5	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
6	Electrochemical Performance of 3D Network CsPbBr <sub>3</sub> Perovskite Anodes for Li-Ion Batteries: Experimental Venture with Theoretical Expedition. Journal of Physical Chemistry C, 2021, 125, 16892-16902.	3.1	18
7	Cube shaped FAPbBr <sub>3</sub> for piezoelectric energy harvesting devices. Materials Letters, 2021, 301, 130264.	2.6	19
8	All-inorganic CsPbBr <sub>3</sub> perovskite as potential electrode material for symmetric supercapacitor. Solid State Sciences, 2021, 122, 106769.	3.2	16
9	Incorporation of V <sub>2</sub> O <sub>5</sub> 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
10	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
11	Human motion interactive mechanical energy harvester based on all inorganic perovskite-PVDF. Nano Energy, 2020, 74, 104870.	16.0	85
12	Ambient processed CsPbX <sub>3</sub> perovskite cubes for photocatalysis. Materials Letters, 2020, 267, 127501.	2.6	26
13	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
14	Tailored CsPbX <sub>3</sub> Nanorods for Electron-Emission Nanodevices. ACS Applied Nano Materials, 2019, 2, 5942-5951.	5.0	24
15	CsPbBrCl <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> type II heterojunction as efficient visible range photocatalyst. Journal of Hazardous Materials, 2019, 380, 120855.	12.4	124