

# Tushar Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

384  
citations

933264

10  
h-index

1281743

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective ligand removal to improve accessibility of active sites in hierarchical MOFs for heterogeneous photocatalysis. <i>Nature Communications</i> , 2022, 13, 282.	5.8	83
2	Ti-based MOFs: New insights on the impact of ligand composition and hole scavengers on stability, charge separation and photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119626.	10.8	121
3	Resolving few-layer antimonene/graphene heterostructures. <i>Npj 2D Materials and Applications</i> , 2021, 5, .	3.9	11
4	Peeling graphite layer by layer reveals the charge exchange dynamics of ions inside a solid. <i>Communications Physics</i> , 2021, 4, .	2.0	13
5	Aerosol Jet Printing of Graphene and Carbon Nanotube Patterns on Realistically Rugged Substrates. <i>ACS Omega</i> , 2021, 6, 34301-34313.	1.6	11
6	The role of contaminations in ion beam spectroscopy with freestanding 2D materials: A study on thermal treatment. <i>Journal of Chemical Physics</i> , 2020, 153, 014702.	1.2	11
7	Electrochemical Behavior of Graphene in a Deep Eutectic Solvent. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40937-40948.	4.0	29
8	Process Pathway Controlled Evolution of Phase and Van der Waals Epitaxy in In/In <sub>2</sub> O <sub>3</sub> on Graphene Heterostructures. <i>Advanced Functional Materials</i> , 2020, 30, 2003300.	7.8	9
9	In Situ Pt Photodeposition and Methanol Photooxidation on Pt/TiO <sub>2</sub> : Pt-Loading-Dependent Photocatalytic Reaction Pathways Studied by Liquid-Phase Infrared Spectroscopy. <i>ACS Catalysis</i> , 2020, 10, 2964-2977.	5.5	33
10	Aerosol Jet Printed Nanocarbons on Heat Sink Materials. <i>Proceedings (mdpi)</i> , 2020, 56, 30.	0.2	0
11	Atomic-Scale <i>in Situ</i> Observations of Crystallization and Restructuring Processes in Two-Dimensional MoS <sub>2</sub> Films. <i>ACS Nano</i> , 2018, 12, 8758-8769.	7.3	51
12	Carbon-based SILP catalysis for the selective hydrogenation of aldehydes using a well-defined Fe( <i>scpd</i> ) PNP complex. <i>Catalysis Science and Technology</i> , 2018, 8, 4812-4820.	2.1	12