

# Tushar Gupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6806322/publications.pdf>

Version: 2024-02-01

12  
papers

384  
citations

933264

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1281743

11  
g-index

12  
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docs citations

12  
times ranked

465  
citing authors

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