

# Dwaipayan Chakraborty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2773827/publications.pdf>

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6  
papers

78  
citations

1684188  
5  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Density Functional Theory to Correlate Charge Transport Properties with Gas Sensing by Organic Nanowires. ACS Applied Nano Materials, 2021, 4, 5972-5980.	5.0	5
2	First-Principles Investigation of the 1T-HfTe <sub>2</sub> Nanosheet for Selective Gas Sensing. ACS Applied Nano Materials, 2020, 3, 5160-5171.	5.0	27
3	Control of Functionalities in GO: Effect of Bronsted Acids as Supported by Ab Initio Simulations and Experiments. ACS Omega, 2019, 4, 9407-9418.	3.5	10
4	Structure-Property Relationship in an Organic Semiconductor: Insights from Energy Frameworks, Charge Density Analysis, and Diode Devices. Crystal Growth and Design, 2019, 19, 3019-3029.	3.0	6
5	Influence of Pendant Group on Mobility of Organic Thin Film Transistor in Correlation with Reorganization Energy of Molecules. Advanced Functional Materials, 2019, 29, 1805878.	14.9	13
6	Kinetics of thermally activated triplet fusion as a function of polymer chain packing in boosting the efficiency of organic light emitting diodes. Npj Flexible Electronics, 2018, 2, .	10.7	17