

# Geetanjali Deokar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3055864/publications.pdf>

Version: 2024-02-01

21  
papers

693  
citations

840776

11  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards high quality CVD graphene growth and transfer. Carbon, 2015, 89, 82-92.	10.3	214
2	Synthesis and characterization of MoS <sub>2</sub> nanosheets. Nanotechnology, 2016, 27, 075604.	2.6	98
3	MoS <sub>2</sub> â€“Carbon Nanotube Hybrid Material Growth and Gas Sensing. Advanced Materials Interfaces, 2017, 4, 1700801.	3.7	73
4	Large area growth of vertically aligned luminescent MoS <sub>2</sub> nanosheets. Nanoscale, 2017, 9, 277-287.	5.6	54
5	Recent Progress in the Synthesis of MoS <sub>2</sub> Thin Films for Sensing, Photovoltaic and Plasmonic Applications: A Review. Materials, 2021, 14, 3283.	2.9	38
6	Graphene FETs With Aluminum Bottom-Gate Electrodes and Its Natural Oxide as Dielectrics. IEEE Transactions on Electron Devices, 2015, 62, 2769-2773.	3.0	36
7	Carbohydrateâ€“Lectin Interaction on Graphene-Coated Surface Plasmon Resonance (SPR) Interfaces. Plasmonics, 2014, 9, 677-683.	3.4	34
8	Chemical vapor deposition-grown nitrogen-doped grapheneâ€™s synthesis, characterization and applications. Npj 2D Materials and Applications, 2022, 6, .	7.9	29
9	Toward the use of CVD-grown MoS <sub>2</sub> nanosheets as field-emission source. Beilstein Journal of Nanotechnology, 2018, 9, 1686-1694.	2.8	26
10	Wafer-scale few-layer graphene growth on Cu/Ni films for gas sensing applications. Sensors and Actuators B: Chemical, 2020, 305, 127458.	7.8	25
11	CVD-Grown Monolayer Graphene-Based Geometric Diode for THz Rectennas. Nanomaterials, 2021, 11, 1986.	4.1	13
12	Fabrication and characterization of CVD-grown graphene based Field-Effect Transistor. , 2014, , .		8
13	Fast, wafer-scale growth of a nanometer-thick graphite film on Ni foil and its structural analysis. Nanotechnology, 2020, 31, 485605.	2.6	8
14	Synthesis of 3C-SiC Nanocrystals at the SiO <sub>2</sub> /Si Interface by CO <sub>2</sub> Thermal Treatment. Journal of Nanoscience and Nanotechnology, 2011, 11, 9232-9236.	0.9	7
15	In-situ formation of SiC nanocrystals by high temperature annealing of SiO <sub>2</sub> /Si under CO: A photoemission study. Surface Science, 2012, 606, 697-701.	1.9	7
16	Semi-transparent graphite films growth on Ni and their double-sided polymer-free transfer. Scientific Reports, 2020, 10, 14703.	3.3	6
17	Flexible, Air-Stable, High-Performance Heaters Based on Nanoscale-Thick Graphite Films. ACS Applied Materials & Interfaces, 2022, 14, 17899-17910.	8.0	6
18	Can a Procedure for the Growth of Singleâ€“layer Graphene on Copper be used in Different Chemical Vapor Deposition Reactors?. Chemistry - an Asian Journal, 2021, 16, 1466-1474.	3.3	5

#	ARTICLE	IF	CITATIONS
19	Novel "redox reaction" route for synthesis of faceted, microcrystalline coatings of tungsten, molybdenum and their composites. Scripta Materialia, 2010, 62, 337-340.	5.2	2
20	Understanding of CO <sub>2</sub> interaction with thermally grown SiO <sub>2</sub> on Si using IBA depth profiling techniques. Nuclear Instruments & Methods in Physics Research B, 2013, 304, 67-71.	1.4	2
21	3C-SiC nanocrystal growth on 10° miscut Si(001) surface. Thin Solid Films, 2014, 556, 195-199.	1.8	2