

# Subash Adhikari

## List of Publications by Year in descending order

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18  
papers

1,119  
citations

687363

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839539

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docs citations

18  
times ranked

2583  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO Nanowire Arrays on 3D Hierarchical Graphene Foam: Biomarker Detection of Parkinson's Disease. ACS Nano, 2014, 8, 1639-1646.	14.6	275
2	Ferromagnetism in MnX <sub>2</sub> (X = S, Se) monolayers. Physical Chemistry Chemical Physics, 2014, 16, 4990.	2.8	199
3	Charge Transport in MoS <sub>2</sub> /WSe <sub>2</sub> van der Waals Heterostructure with Tunable Inversion Layer. ACS Nano, 2017, 11, 3832-3840.	14.6	175
4	A High On/Off Ratio Floating Gate Memristor Array on a Flexible Substrate via CVD-Grown Large Area 2D Layer Stacking. Advanced Materials, 2017, 29, 1703363.	21.0	116
5	Transfer assembly for two-dimensional van der Waals heterostructures. 2D Materials, 2020, 7, 022005.	4.4	87
6	Leaf Vein-Inspired Nanochanneled Graphene Film for Highly Efficient Micro-Supercapacitors. Advanced Energy Materials, 2015, 5, 1500003.	19.5	69
7	Carrier multiplication in van der Waals layered transition metal dichalcogenides. Nature Communications, 2019, 10, 5488.	12.8	41
8	Photocurrent Switching of Monolayer MoS <sub>2</sub> Using a Metal-Insulator Transition. Nano Letters, 2017, 17, 673-678.	9.1	31
9	Nanomaterials for diagnostic, treatment and prevention of COVID-19. Applied Science and Technology Annals, 2020, 1, 155-164.	0.7	25
10	Titania nanotube-silver phosphate hybrid heterostructure for improved visible light induced photocatalysis. Chemical Physics Letters, 2014, 593, 193-197.	2.6	23
11	Local Enhancement of Exciton Emission of Monolayer MoS <sub>2</sub> by Copper Phthalocyanine Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 6794-6800.	3.1	19
12	Determining the Fermi level by absorption quenching of monolayer graphene by charge transfer doping. Nanoscale, 2016, 8, 18710-18717.	5.6	16
13	Minimizing Trap Charge Density towards an Ideal Diode in Graphene-Silicon Schottky Solar Cell. ACS Applied Materials & Interfaces, 2019, 11, 880-888.	8.0	15
14	Electrochemical protonation/de-protonation of titania nanotubes decorated with silver phosphate crystals: An enhanced electrochromic color contrast. Optical Materials, 2015, 40, 112-117.	3.6	10
15	Bandgap Renormalization in Monolayer MoS <sub>2</sub> on CsPbBr <sub>3</sub> Quantum Dots via Charge Transfer at Room Temperature. Advanced Materials Interfaces, 2020, 7, 2000835.	3.7	8
16	Deprotonated curcumin as a simple and quick available natural dye for dye sensitized solar cells. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 183-189.	2.3	7
17	Growth of Copper Indium Telluride (CuIn <sub>2</sub> ) Thin Films Using Electrochemical Route for Photovoltaic Application. Nepal Journal of Science and Technology, 2012, 12, 318-323.	0.2	2
18	Memristors: A High On/Off Ratio Floating Gate Memristor Array on a Flexible Substrate via CVD-Grown Large Area 2D Layer Stacking (Adv. Mater. 44/2017). Advanced Materials, 2017, 29, .	21.0	1