

# Nicky Savjani

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,942  
citations

471371

17  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of few-layer phosphorene by liquid exfoliation of black phosphorus. <i>Chemical Communications</i> , 2014, 50, 13338-13341.	2.2	667
2	Tin(II) Sulfide (SnS) Nanosheets by Liquid-Phase Exfoliation of Herzenbergite: IV-VI Main Group Two-Dimensional Atomic Crystals. <i>Journal of the American Chemical Society</i> , 2015, 137, 12689-12696.	6.6	220
3	Nanostructured Aptamer-Functionalized Black Phosphorus Sensing Platform for Label-Free Detection of Myoglobin, a Cardiovascular Disease Biomarker. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22860-22868.	4.0	208
4	Synthetic approaches to two-dimensional transition metal dichalcogenide nanosheets. <i>Progress in Materials Science</i> , 2017, 89, 411-478.	16.0	176
5	Synthesis of Lateral Size-Controlled Monolayer 1 <i>H</i> -MoS <sub>2</sub> @Oleylamine as Supercapacitor Electrodes. <i>Chemistry of Materials</i> , 2016, 28, 657-664.	3.2	134
6	Gold(III) Olefin Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 874-877.	7.2	82
7	Thin Films of Molybdenum Disulfide Doped with Chromium by Aerosol-Assisted Chemical Vapor Deposition (AACVD). <i>Chemistry of Materials</i> , 2015, 27, 1367-1374.	3.2	78
8	Asymmetric MoS <sub>2</sub> /Graphene/Metal Sandwiches: Preparation, Characterization, and Application. <i>Advanced Materials</i> , 2016, 28, 8256-8264.	11.1	64
9	MoS <sub>2</sub> nanosheet production by the direct exfoliation of molybdenite minerals from several type-localities. <i>RSC Advances</i> , 2014, 4, 35609-35613.	1.7	40
10	A facile method for the production of SnS thin films from melt reactions. <i>Journal of Materials Science</i> , 2016, 51, 6166-6172.	1.7	38
11	Ultrafast Charge Dynamics in Dispersions of Monolayer MoS <sub>2</sub> Nanosheets. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22415-22421.	1.5	30
12	Single-Source Precursor for Tungsten Dichalcogenide Thin Films: Mo <sub>1-x</sub> W <sub>x</sub> S <sub>2</sub> (0 ≤ x ≤ 1) Alloys by Aerosol-Assisted Chemical Vapor Deposition. <i>Chemistry of Materials</i> , 2017, 29, 3858-3862.	3.2	28
13	The synthesis and characterization of Cu <sub>2</sub> ZnSnS <sub>4</sub> thin films from melt reactions using xanthate precursors. <i>Journal of Materials Science</i> , 2017, 52, 12761-12771.	1.7	25
14	Multiple Exciton Generation and Dynamics in InP/CdS Colloidal Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2099-2107.	1.5	24
15	Syntheses and structures of thermally stable diketiminato complexes of gold and copper. <i>Dalton Transactions</i> , 2011, 40, 1016-1019.	1.6	22
16	AACVD of Molybdenum Sulfide and Oxide Thin Films From Molybdenum(V)-based Single-source Precursors. <i>Chemical Vapor Deposition</i> , 2015, 21, 71-77.	1.4	21
17	The influence of precursor on rhenium incorporation into Re-doped MoS <sub>2</sub> (Mo <sub>1-x</sub> Re <sub>x</sub> S <sub>2</sub> ) thin films by aerosol-assisted chemical vapour deposition (AACVD). <i>Journal of Materials Chemistry C</i> , 2017, 5, 9044-9052.	2.7	18
18	Synthesis and structures of gold perfluorophthalimido complexes. <i>Dalton Transactions</i> , 2011, 40, 1079-1090.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Synthesis, Structure, and Luminescent Behavior of Anionic Oligomeric and Polymeric Ag <sub>2</sub> Au <sub>2</sub> Clusters. <i>Organometallics</i> , 2012, 31, 7600-7609.	1.1	10
20	Bis(iminopyridyl)phthalazine as a sterically hindered compartmental ligand for an M <sub>2</sub> (M=Co, Ni, Fe,)	1.2	6
21	Reactivity of $\sigma$ -Ligand-Free $\text{Au}^+$ : C-H and C-C Activation versus $\pi$ Coordination. <i>Organometallics</i> , 2012, 31, 2534-2537.	1.1	5
22	Structural variation in gold(I)-chelate systems: Synthesis of an asymmetrically bridged $\mu$ -diketiminato complex of gold. <i>Polyhedron</i> , 2012, 38, 137-140.	1.0	5