

# Narendra Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5483958/publications.pdf>

Version: 2024-02-01

16  
papers

1,105  
citations

758635

12  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of carbon quantum dots from lemon peel waste: applications in sensing and photocatalysis. RSC Advances, 2016, 6, 72423-72432.	1.7	336
2	Dual Functional Ta-Doped Electrospun TiO <sub>2</sub> Nanofibers with Enhanced Photocatalysis and SERS Detection for Organic Compounds. ACS Applied Materials & Interfaces, 2017, 9, 28495-28507.	4.0	158
3	Enhanced visible-light-driven photocatalytic activity of Au@Ag core-shell bimetallic nanoparticles immobilized on electrospun TiO <sub>2</sub> nanofibers for degradation of organic compounds. Catalysis Science and Technology, 2017, 7, 570-580.	2.1	134
4	Design and engineering of high-performance photocatalytic systems based on metal oxide-graphene-noble metal nanocomposites. Molecular Systems Design and Engineering, 2017, 2, 422-439.	1.7	92
5	Engineered thiol anchored Au-BaTiO <sub>3</sub> /PVDF polymer nanocomposite as efficient dielectric for electronic applications. Composites Science and Technology, 2019, 174, 158-168.	3.8	89
6	Engineering of transition metal dichalcogenide-based 2D nanomaterials through doping for environmental applications. Molecular Systems Design and Engineering, 2019, 4, 804-827.	1.7	71
7	Quantum dot sensitized electrospun mesoporous titanium dioxide hollow nanofibers for photocatalytic applications. RSC Advances, 2016, 6, 48109-48119.	1.7	64
8	Mutton bone derived hydroxyapatite supported TiO <sub>2</sub> nanoparticles for sustainable photocatalytic applications. Journal of Environmental Chemical Engineering, 2018, 6, 459-467.	3.3	57
9	Omniphobic Metal Surfaces with Low Contact Angle Hysteresis and Tilt Angles. Langmuir, 2018, 34, 11405-11413.	1.6	34
10	Improved supercapacitive performance in electrospun TiO <sub>2</sub> nanofibers through Ta-doping for electrochemical capacitor applications. Catalysis Today, 2019, 325, 33-40.	2.2	27
11	Interface modulation in multi-layered BaTiO <sub>3</sub> nanofibers/PVDF using the PVP linker layer as an adhesive for high energy density capacitor applications. Materials Advances, 2020, 1, 680-688.	2.6	24
12	Modelling studies for photocatalytic degradation of organic dyes using TiO <sub>2</sub> nanofibers. Environmental Science and Pollution Research, 2018, 25, 20466-20472.	2.7	17
13	Stimuli-Responsive Smart Surfaces for Oil/Water Separation Applications. Biologically-inspired Systems, 2018, , 207-237.	0.4	1
14	Organic Thin Film-Assisted Copper Electroless Plating on Flat/Microstructured Silicone Substrates. IEICE Transactions on Electronics, 2019, E102.C, 147-150.	0.3	1
15	Metal and metal-semiconductor core-shell nanostructures for plasmonic solar cell applications. , 2017, , 159-177.		0
16	Modifications in metal oxide electrospun nanofibers for environmental applications. , 2021, , 621-639.		0