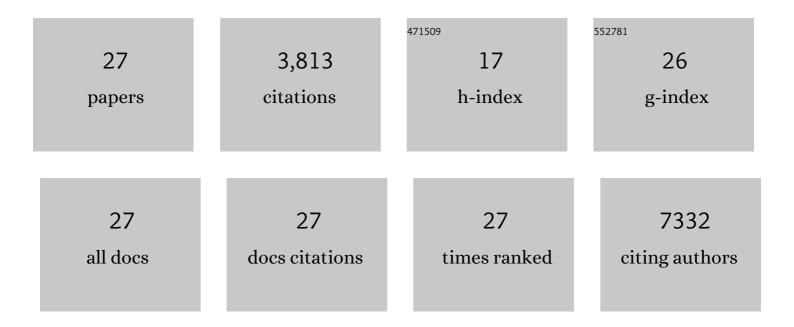
Surbhi Sharma

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6211150/publications.pdf Version: 2024-02-01



SUDRHI SHADMA

#	Article	IF	CITATIONS
1	Chemical Modification of Graphene Oxide by Nitrogenation: An X-ray Absorption and Emission Spectroscopy Study. Scientific Reports, 2017, 7, 42235.	3.3	43
2	Tuning the Electronic and Magnetic Properties of Nitrogen-Functionalized Few-Layered Graphene Nanoflakes. Journal of Physical Chemistry C, 2017, 121, 14073-14082.	3.1	24
3	Site-Selective, Low-Loading, Au Nanoparticle–Polyaniline Hybrid Coatings with Enhanced Corrosion Resistance and Conductivity for Fuel Cells. ACS Sustainable Chemistry and Engineering, 2017, 5, 277-286.	6.7	29
4	Exploring PANI-TiN Nanoparticle Coatings in a PEFC Environment: Enhancing Corrosion Resistance and Conductivity of Stainless Steel Bipolar Plates. Energies, 2017, 10, 1152.	3.1	9
5	New approaches towards novel composite and multilayer membranes for intermediate temperature-polymer electrolyte fuel cells and direct methanol fuel cells. Journal of Power Sources, 2016, 316, 139-159.	7.8	110
6	Nafion-stabilised bimetallic Pt–Cr nanoparticles as electrocatalysts for proton exchange membrane fuel cells (PEMFCs). RSC Advances, 2016, 6, 82635-82643.	3.6	15
7	Pt Diffusion Dynamics for the Formation Cr–Pt Core–Shell Nanoparticles. Langmuir, 2015, 31, 6917-6923.	3.5	12
8	Highlights from Faraday Discussion 172: Carbon in Electrochemistry, Sheffield, UK, July 2014. Chemical Communications, 2015, 51, 2199-2207.	4.1	1
9	Study of FePt deposited reduced graphene oxide's utility as a catalyst towards oxygen reduction and methanol oxidation reactions. RSC Advances, 2015, 5, 36993-36998.	3.6	19
10	Exclusive self-aligned β-phase PVDF films with abnormal piezoelectric coefficient prepared via phase inversion. Chemical Communications, 2015, 51, 8257-8260.	4.1	172
11	Pd nanoparticles supported on reduced graphene–E. coli hybrid with enhanced crystallinity in bacterial biomass. RSC Advances, 2015, 5, 84093-84103.	3.6	25
12	Role of surface contaminants, functionalities, defects and electronic structure: general discussion. Faraday Discussions, 2014, 172, 365-395.	3.2	1
13	The Effect of Electrodeposited PANI on Corrosion Behavior of 316 Stainless Steel Coated by CVD Grown MWCNTs under PEMFC Bipolar Plate Working Condition. ECS Transactions, 2014, 63, 261-276.	0.5	1
14	Carbon electrode interfaces for synthesis, sensing and electrocatalysis: general discussion. Faraday Discussions, 2014, 172, 497-520.	3.2	1
15	Carbon electrodes for energy storage: general discussion. Faraday Discussions, 2014, 172, 239-260.	3.2	11
16	Novel "3-D spacer―all fibre piezoelectric textiles for energy harvesting applications. Energy and Environmental Science, 2014, 7, 1670-1679.	30.8	234
17	Carboxyl Group Enhanced CO Tolerant GO Supported Pt Catalysts: DFT and Electrochemical Analysis. Chemistry of Materials, 2014, 26, 6142-6151.	6.7	35
18	Electrochemical and oxygen reduction properties of pristine and nitrogen-doped few layered graphene nanoflakes (FLGs). Journal of Solid State Electrochemistry, 2013, 17, 2139-2149.	2.5	29

SURBHI SHARMA

#	Article	IF	CITATIONS
19	Vertical graphene nanoflakes for the immobilization, electrocatalytic oxidation and quantitative detection of DNA. Electrochemistry Communications, 2012, 25, 140-143.	4.7	7
20	Novel Composite Proton Exchange Membrane Materials for Intermediate Temperature Fuel Cells. Procedia Engineering, 2012, 44, 858-860.	1.2	0
21	Graphene oxide integrated sensor for electrochemical monitoring of mitomycin C–DNA interaction. Analyst, The, 2012, 137, 2129.	3.5	79
22	Controllable selective exfoliation of high-quality graphene nanosheets and nanodots by ionic liquid assisted grinding. Chemical Communications, 2012, 48, 1877.	4.1	124
23	Support materials for PEMFC and DMFC electrocatalysts—A review. Journal of Power Sources, 2012, 208, 96-119.	7.8	1,055
24	Probing the Thermal Deoxygenation of Graphene Oxide Using High-Resolution In Situ X-ray-Based Spectroscopies. Journal of Physical Chemistry C, 2011, 115, 17009-17019.	3.1	1,271
25	Electrochemical Monitoring of Nucleic Acid Hybridization by Singleâ€Use Graphene Oxideâ€Based Sensor. Electroanalysis, 2011, 23, 272-279.	2.9	82
26	Streptavidin Modified Carbon Nanotube Based Graphite Electrode for Labelâ€Free Sequence Specific DNA Detection. Electroanalysis, 2010, 22, 611-617.	2.9	38
27	Rapid Microwave Synthesis of CO Tolerant Reduced Graphene Oxide-Supported Platinum Electrocatalysts for Oxidation of Methanol. Journal of Physical Chemistry C, 2010, 114, 19459-19466.	3.1	386