

# Anindita Roy

## List of Publications by Year in descending order

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26  
papers

952  
citations

394421

19  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology Controlled Synthesis of SnS <sub>2</sub> Nanomaterial for Promoting Photocatalytic Reduction of Aqueous Cr(VI) under Visible Light. <i>Langmuir</i> , 2014, 30, 4157-4164.	3.5	171
2	Intrinsic peroxidase-like activity of mesoporous nickel oxide for selective cysteine sensing. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6097.	5.8	105
3	Mesoporous Gold and Palladium Nanoleaves from Liquid-Liquid Interface: Enhanced Catalytic Activity of the Palladium Analogue toward Hydrazine-Assisted Room-Temperature 4-Nitrophenol Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 9134-9143.	8.0	85
4	Au@Pd core-shell nanoparticles-decorated reduced graphene oxide: a highly sensitive and selective platform for electrochemical detection of hydrazine. <i>RSC Advances</i> , 2015, 5, 51690-51700.	3.6	71
5	Facile Synthesis of Bimetallic Au-Pt, Pd-Pt, and Au-Pd Nanostructures: Enhanced Catalytic Performance of Pd-Pt Analogue towards Fuel Cell Application and Electrochemical Sensing. <i>Electrochimica Acta</i> , 2015, 180, 1075-1084.	5.2	51
6	Crystal-Plane-Dependent Etching of Cuprous Oxide Nanoparticles of Varied Shapes and Their Application in Visible Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24640-24653.	3.1	49
7	A facile synthesis of 1D nano structured selenium and Au decorated nano selenium: catalysts for the clock reaction. <i>RSC Advances</i> , 2013, 3, 24313.	3.6	42
8	Enhanced Catalytic Activity of Ag/Rh Bimetallic Nanomaterial: Evidence of an Ensemble Effect. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5457-5467.	3.1	37
9	Decoration of Fe <sub>3</sub> O <sub>4</sub> Base Material with Pd Loaded CdS Nanoparticle for Superior Photocatalytic Efficiency. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11485-11494.	3.1	36
10	Soft template induced phase selective synthesis of Fe <sub>2</sub> O <sub>3</sub> nanomagnets: one step towards peroxidase-mimic activity allowing colorimetric sensing of thioglycolic acid. <i>RSC Advances</i> , 2016, 6, 32308-32318.	3.6	34
11	Redox mediated synthesis of hierarchical Bi <sub>2</sub> O <sub>3</sub> /MnO <sub>2</sub> nanoflowers: a non-enzymatic hydrogen peroxide electrochemical sensor. <i>Dalton Transactions</i> , 2016, 45, 4780-4790.	3.3	28
12	Redox-Mediated Synthesis of a Fe <sub>3</sub> O <sub>4</sub> /MnO <sub>2</sub> Nanocomposite for Dye Adsorption and Pseudocapacitance. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1571-1580.	3.3	27
13	Thermal, stability, morphological, and conductivity characteristics of polypyrrole prepared in aqueous medium. <i>Journal of Applied Polymer Science</i> , 1994, 51, 1575-1580.	2.6	26
14	Synthesis of multiwall carbon nanotube wrapped Co(OH) <sub>2</sub> flakes: A high-performance supercapacitor. <i>Applied Surface Science</i> , 2015, 359, 500-507.	6.1	25
15	Fabrication of Nitrogen-Doped Mesoporous-Carbon-Coated Palladium Nanoparticles: An Intriguing Electrocatalyst for Methanol and Formic Acid Oxidation. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1588-1596.	3.3	25
16	Silver Molybdates with Intriguing Morphology and as a Peroxidase Mimic with High Sulfide Sensing Capacity. <i>Crystal Growth and Design</i> , 2017, 17, 295-307.	3.0	25
17	Facile synthesis of pyridine intercalated ultra-long V <sub>2</sub> O <sub>5</sub> nanowire from commercial V <sub>2</sub> O <sub>5</sub> : catalytic applications in selective dye degradation. <i>CrystEngComm</i> , 2014, 16, 7738.	2.6	24
18	Thermal stability, morphological, dielectric, and conductivity characteristics of pyrrole modified poly-N-vinyl carbazole. <i>Journal of Applied Polymer Science</i> , 1993, 49, 2189-2196.	2.6	23

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19	Evolution of tubular copper sulfide nanostructures from copper(i)â€metal organic precursor: a superior platform for the removal of Hg(ii) and Pb(ii) ions. RSC Advances, 2015, 5, 12446-12453.	3.6	20
20	Arsenate stabilized Cu2O nanoparticle catalyst for one-electron transfer reversible reaction. Dalton Transactions, 2014, 43, 6677.	3.3	10
21	Silver-induced electronic drift in AgPd bimetallics: rationale for enhanced electrocatalytic activity of ethanol oxidation reaction. New Journal of Chemistry, 2017, 41, 12278-12287.	2.8	10
22	Metal Bromide Controlled Interfacial Aromatization Reaction for Shapeâ€selective Synthesis of Palladium Nanostructures with Efficient Catalytic Performances. Chemistry - A European Journal, 2016, 22, 10017-10027.	3.3	8
23	Directional growth of Ag nanorod from polymeric silver cyanide: A potential substrate for concentration dependent SERS signal enhancement leading to melamine detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 402-407.	3.9	7
24	Ferric chloride-initiated polymerization of pyrrole in presence of N-vinyl carbazole in aqueous suspension. Journal of Applied Polymer Science, 1996, 60, 143-146.	2.6	6
25	Chemical modification of polypyrrole. II. Thermal stability, dielectric, and conductivity characteristics of polypyrrole substituted with phthalic and pyromellitic dianhydride. Journal of Applied Polymer Science, 1994, 54, 1483-1489.	2.6	4
26	Chemical modification of of polypyrrole. I. Preparation and structural characterization of polypyrrole electrophilically substituted with phthalic anhydride and pyromellitic dianhydride. Journal of Applied Polymer Science, 1994, 54, 843-847.	2.6	3