

Rakesh k Pandey

List of Publications by Year in descending order

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20
papers

509
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Electro-Oxidation of Formic Acid, Methanol, and Ethanol on Electrodeposited Pd-Polyaniline Nanofiber Films in Acidic and Alkaline Medium. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21596-21603.	3.1	156
2	Enhanced Electrocatalytic Activity of Pd-Dispersed 3,4-Polyethylenedioxythiophene Film in Hydrogen Evolution and Ethanol Electro-oxidation Reactions. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8507-8514.	3.1	71
3	Correlating Material Transfer and Charge Transfer in Contact Electrification. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16154-16160.	3.1	54
4	Ethanol electrocatalysis on gold and conducting polymer nanocomposites: A study of the kinetic parameters. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 271-281.	20.2	44
5	Enhanced Optical Nonlinearity of Polyaniline~Porphyrin Nanocomposite. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8630-8634.	3.1	40
6	Proton Conductive Nanosheets Formed by Alignment of Metallo-Supramolecular Polymers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13526-13531.	8.0	26
7	Eco-Friendly, Direct Deposition of Metal Nanoparticles on Graphite for Electrochemical Energy Conversion and Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36525-36534.	8.0	23
8	Electrocatalytic studies of Cytochrome c functionalized single walled carbon nanotubes on self-assembled monolayer of 4-ATP on gold. <i>Journal of Electroanalytical Chemistry</i> , 2009, 627, 63-68.	3.8	20
9	Thin Film of Palladium Nanodendrites Supported on Graphite Electrode for Catalyzing the Oxidation of Small Organic Molecules. <i>Catalysis Letters</i> , 2014, 144, 965-970.	2.6	15
10	The Relationship between Static Charge and Shape. <i>ACS Central Science</i> , 2020, 6, 704-714.	11.3	14
11	Electron transfer studies on cholesterol LB films assembled on thiophenol and 2-naphthalenethiol self-assembled monolayers. <i>Journal of Colloid and Interface Science</i> , 2007, 315, 528-536.	9.4	13
12	Porphyrin aggregates in the form of nanofibers and their unusual aggregation induced emission. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 1055-1058.	0.8	10
13	Reversible and Continuously Tunable Control of Charge of Close Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6142-6147.	4.6	9
14	Metal Nanowire-Based Hybrid Electrodes Exhibiting High Charge/Discharge Rates and Long-Lived Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36350-36357.	8.0	8
15	Graphite~Aligned Ni/Ni(OH) ₂ Nanowire~Based Aqueous Asymmetric Supercapacitors Exhibiting Excellent Cycle Stability, High Rate Performance, and Wide Operation Voltage. <i>ChemistrySelect</i> , 2019, 4, 13543-13550.	1.5	4
16	Cyclodextrin inclusion complexes with thiocholesterol and their self-assembly on gold: A combined electrochemical and lateral force microscopy analysis. <i>Thin Solid Films</i> , 2014, 562, 367-371.	1.8	2
17	Pd and polyaniline nanocomposite on carbon fiber paper as an efficient direct formic acid fuel cell anode. <i>Materials Research Express</i> , 2018, 5, 035518.	1.6	0
18	Electrochemical Charge Transfer Through the Supramolecular Discogen~DNA Hybrid Multi~Layered Assembly. <i>ChemistrySelect</i> , 2018, 3, 5874-5882.	1.5	0

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19	Selective Reduction Sites on Commercial Graphite Foil for Building Multimetallic Nanoassemblies for Energy Conversion. ChemistrySelect, 2020, 5, 13269-13277.	1.5	0
20	Self-Assembly of Graphene Oxide Flakes for Smart and Multifunctional Coating with Reversible Formation of Wrinkling Patterns. Soft Matter, 2022, , .	2.7	0