

Revanasiddappa Manjunatha

List of Publications by Year in descending order

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19
papers

859
citations

567144

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887953

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19
docs citations

19
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized-graphene modified graphite electrode for the selective determination of dopamine in presence of uric acid and ascorbic acid. <i>Bioelectrochemistry</i> , 2011, 81, 104-108.	2.4	132
2	Simultaneous determination of ascorbic acid, dopamine and uric acid using polystyrene sulfonate wrapped multiwalled carbon nanotubes bound to graphite electrode through layer-by-layer technique. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 643-650.	4.0	91
3	Electrochemical synthesis of ammonia using ruthenium-platinum alloy at ambient pressure and low temperature. <i>Electrochemistry Communications</i> , 2018, 90, 96-100.	2.3	87
4	Electrochemical biosensor for the selective determination of hydrogen peroxide based on the co-deposition of palladium, horseradish peroxidase on functionalized-graphene modified graphite electrode as composite. <i>Journal of Electroanalytical Chemistry</i> , 2013, 689, 233-242.	1.9	74
5	Electrochemical detection of acetaminophen on the functionalized MWCNTs modified electrode using layer-by-layer technique. <i>Electrochimica Acta</i> , 2011, 56, 6619-6627.	2.6	72
6	An amperometric bienzymatic cholesterol biosensor based on functionalized graphene modified electrode and its electrocatalytic activity towards total cholesterol determination. <i>Talanta</i> , 2012, 99, 302-309.	2.9	63
7	Direct electrochemistry of cholesterol oxidase on MWCNTs. <i>Journal of Electroanalytical Chemistry</i> , 2011, 651, 24-29.	1.9	44
8	A Facile Bottom-Up Approach to Construct Hybrid Flexible Cathode Scaffold for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33775-33785.	4.0	44
9	Electrochemical Ammonia Generation Directly from Nitrogen and Air Using an Iron-Oxide/Titania-Based Catalyst at Ambient Conditions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7981-7989.	4.0	41
10	Primary and rechargeable zinc-air batteries using ceramic and highly stable TiCN as an oxygen reduction reaction electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5258-5264.	5.2	39
11	A Review of Composite/Hybrid Electrocatalysts and Photocatalysts for Nitrogen Reduction Reactions: Advanced Materials, Mechanisms, Challenges and Perspectives. <i>Electrochemical Energy Reviews</i> , 2020, 3, 506-540.	13.1	35
12	Direct electrochemical non-enzymatic assay of glucose using functionalized graphene. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2675-2681.	1.2	30
13	Electrocatalytic Oxidation of NADH on Functionalized Graphene Modified Graphite Electrode. <i>Electroanalysis</i> , 2011, 23, 842-849.	1.5	24
14	Electrochemical and Chemical Instability of Vanadium Nitride in the Synthesis of Ammonia Directly from Nitrogen. <i>ChemCatChem</i> , 2020, 12, 438-443.	1.8	21
15	Graphene-carbon nanotubes modified graphite electrode for the determination of nicotinamide adenine dinucleotide and fabrication of alcohol biosensor. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3189-3199.	1.2	20
16	Phthalocyanines as Sensitive Materials for Chemical Sensors. , 2017, , 165-226.		19
17	Non-enzymatic Reduction of Hydrogen Peroxide Sensor Based on (Polyaniline-polystyrene Sulphonate) - Carboxylated Graphene Modified Graphite Electrode. <i>Portugaliae Electrochimica Acta</i> , 2012, 30, 371-383.	0.4	10
18	Polystyrene sulphonate wrapped multiwalled carbon nanotubes modified graphite electrode for simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Russian Journal of Electrochemistry</i> , 2013, 49, 299-306.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Facile carbon cloth activation strategy to boost oxygen reduction reaction performance for flexible zinc-air battery application. , 2022, 4, 762-775.		6