Revanasiddappa Manjunatha

List of Publications by Year
in descending order

19 papers	859 citations	567144 15 h-index	887953 17 g-index
19 all docs	19 docs citations	19 times ranked	1585 citing authors

#	Article	IF	Citations
1	Facile carbon cloth activation strategy to boost oxygen reduction reaction performance for flexible zincâ€air battery application. , 2022, 4, 762-775.		6
2	Electrochemical and Chemical Instability of Vanadium Nitride in the Synthesis of Ammonia Directly from Nitrogen. ChemCatChem, 2020, 12, 438-443.	1.8	21
3	A Review of Composite/Hybrid Electrocatalysts and Photocatalysts for Nitrogen Reduction Reactions: Advanced Materials, Mechanisms, Challenges and Perspectives. Electrochemical Energy Reviews, 2020, 3, 506-540.	13.1	35
4	Electrochemical Ammonia Generation Directly from Nitrogen and Air Using an Iron-Oxide/Titania-Based Catalyst at Ambient Conditions. ACS Applied Materials & Interfaces, 2019, 11, 7981-7989.	4.0	41
5	Electrochemical synthesis of ammonia using rutheniumâ€“platinum alloy at ambient pressure and low temperature. Electrochemistry Communications, 2018, 90, 96-100.	2.3	87
6	Phthalocyanines as Sensitive Materials for Chemical Sensors. , 2017, , 165-226.		19
7	A Facile Bottom-Up Approach to Construct Hybrid Flexible Cathode Scaffold for High-Performance Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2016, 8, 33775-33785.	4.0	44
8	Primary and rechargeable zincâ€“air batteries using ceramic and highly stable TiCN as an oxygen reduction reaction electrocatalyst. Journal of Materials Chemistry A, 2016, 4, 5258-5264.	5.2	39
9	Polystyrene sulphonate wrapped multiwalled carbon nanotubes modified graphite electrode for simultaneous determination of ascorbic acid, dopamine and uric acid. Russian Journal of Electrochemistry, 2013, 49, 299-306.	0.3	7
10	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. Journal of Electroanalytical Chemistry, 2013, 689, 233-242.	1.9	74
11	Graphene-carbon nanotubes modified graphite electrode for the determination of nicotinamide adenine dinucleotide and fabrication of alcohol biosensor. Journal of Solid State Electrochemistry, 2012, 16, 3189-3199.	1.2	20
12	An amperometric bienzymatic cholesterol biosensor based on functionalized graphene modified electrode and its electrocatalytic activity towards total cholesterol determination. Talanta, 2012, 99, 302-309.	2.9	63
13	Direct electrochemical non-enzymatic assay of glucose using functionalized graphene. Journal of Solid State Electrochemistry, 2012, 16, 2675-2681.	1.2	30
14	Non-enzymatic Reduction of Hydrogen Peroxide Sensor Based on (Polyaniline-polystyrene Sulphonate) - Carboxylated Graphene Modified Graphite Electrode. Portugaliae Electrochimica Acta, 2012, 30, 371-383.	0.4	10
15	Functionalized-graphene modified graphite electrode for the selective determination of dopamine in presence of uric acid and ascorbic acid. Bioelectrochemistry, 2011, 81, 104-108.	2.4	132
16	Electrocatalytic Oxidation of NADH on Functionalized Graphene Modified Graphite Electrode. Electroanalysis, 2011, 23, 842-849.	1.5	24
17	Electrochemical detection of acetaminophen on the functionalized MWCNTs modified electrode using layer-by-layer technique. Electrochimica Acta, 2011, 56, 6619-6627.	2.6	72
18	Direct electrochemistry of cholesterol oxidase on MWCNTs. Journal of Electroanalytical Chemistry, 2011, 651, 24-29.	1.9	44

#	Article	IF	Citations
19	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. Sensors and Actuators B: Chemical, 2010, 145, 643-650.	4.0	91