Victor Vinoth

List of Publications by Year
in descending order

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15 papers	405 citations	840585 11 h-index	996849 15 g-index
15 all docs	15 docs citations	15 times ranked	678 citing authors

#	Article	IF	Citations
1	Sonochemical synthesis of silver nanoparticles anchored reduced graphene oxide nanosheets for selective and sensitive detection of glutathione. Ultrasonics Sonochemistry, 2017, 39, 363-373.	3.8	60
2	Photocatalytic and photoelectrocatalytic performance of sonochemically synthesized Cu2O@TiO2 heterojunction nanocomposites. Ultrasonics Sonochemistry, 2019, 51, 223-229.	3.8	53
3	Simultaneous detection of dopamine and ascorbic acid using silicate network interlinked gold nanoparticles and multi-walled carbon nanotubes. Sensors and Actuators B: Chemical, 2015, 210, 731-741.	4.0	49
4	Facile synthesis of copper oxide microflowers for nonenzymatic glucose sensor applications. Materials Science in Semiconductor Processing, 2018, 82, 31-38.	1.9	40
5	SnO2-decorated multiwalled carbon nanotubes and Vulcan carbon through a sonochemical approach for supercapacitor applications. Ultrasonics Sonochemistry, 2016, 29, 205-212.	3.8	39
6	Simultaneous electrochemical determination of dopamine and epinephrine using gold nanocrystals capped with graphene quantum dots in a silica network. Mikrochimica Acta, 2019, 186, 681.	2.5	35
7	Sensitive electrochemical determination of dopamine and uric acid using AuNPs_(EDAS)â€“rGO nanocomposites. Analytical Methods, 2016, 8, 4379-4390.	1.3	21
8	Microwave-assisted synthesis of localized surface plasmon resonance enhanced bismuth selenide (Bi2Se3) layers for non-enzymatic glucose sensing. Journal of Electroanalytical Chemistry, 2020, 856, 113629.	1.9	21
9	Non-enzymatic glucose sensor and photocurrent performance of zinc oxide quantum dots supported multi-walled carbon nanotubes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 265, 115036.	1.7	20
10	Highly sensitive and selective detection of glutathione using ultrasonic aided synthesis of graphene quantum dots embedded over amine-functionalized silica nanoparticles. Ultrasonics Sonochemistry, 2022, 82, 105868.	3.8	20
11	Development of an electrochemical enzyme-free glucose sensor based on self-assembled Ptâ€“Pd bimetallic nanosuperlattices. Analyst, The, 2020, 145, 7898-7906.	1.7	13
12	Graphene Quantum Dots Anchored Gold Nanorods for Electrochemical Detection of Glutathione. ChemistrySelect, 2017, 2, 4744-4752.	0.7	11
13	Catalytic production of anilines by nitro-compounds hydrogenation over highly recyclable platinum nanoparticles supported on halloysite nanotubes. Catalysis Today, 2022, 394-396, 510-523.	2.2	10
14	Novel MoSe2â€“Ni(OH)2 nanocomposite as an electrocatalyst for high efficient hydrogen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 32471-32479.	3.8	9
15	Electrochemical Doping as a Way to Enhance Water Photooxidation on Nanostructured Nickel Titanate and Anatase Electrodes. ChemElectroChem, 2017, 4, 1429-1435.	1.7	4