

# Victor Vinoth

## List of Publications by Year in descending order

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15  
papers

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678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic production of anilines by nitro-compounds hydrogenation over highly recyclable platinum nanoparticles supported on halloysite nanotubes. <i>Catalysis Today</i> , 2022, 394-396, 510-523.	4.4	10
2	Highly sensitive and selective detection of glutathione using ultrasonic aided synthesis of graphene quantum dots embedded over amine-functionalized silica nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2022, 82, 105868.	8.2	20
3	Non-enzymatic glucose sensor and photocurrent performance of zinc oxide quantum dots supported multi-walled carbon nanotubes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 265, 115036.	3.5	20
4	Novel MoSe <sub>2</sub> @Ni(OH) <sub>2</sub> nanocomposite as an electrocatalyst for high efficient hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 32471-32479.	7.1	9
5	Microwave-assisted synthesis of localized surface plasmon resonance enhanced bismuth selenide (Bi <sub>2</sub> Se <sub>3</sub> ) layers for non-enzymatic glucose sensing. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113629.	3.8	21
6	Development of an electrochemical enzyme-free glucose sensor based on self-assembled Pt@Pd bimetallic nanosuperlattices. <i>Analyst</i> , The, 2020, 145, 7898-7906.	3.5	13
7	Simultaneous electrochemical determination of dopamine and epinephrine using gold nanocrystals capped with graphene quantum dots in a silica network. <i>Mikrochimica Acta</i> , 2019, 186, 681.	5.0	35
8	Photocatalytic and photoelectrocatalytic performance of sonochemically synthesized Cu <sub>2</sub> O@TiO <sub>2</sub> heterojunction nanocomposites. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 223-229.	8.2	53
9	Facile synthesis of copper oxide microflowers for nonenzymatic glucose sensor applications. <i>Materials Science in Semiconductor Processing</i> , 2018, 82, 31-38.	4.0	40
10	Electrochemical Doping as a Way to Enhance Water Photooxidation on Nanostructured Nickel Titanate and Anatase Electrodes. <i>ChemElectroChem</i> , 2017, 4, 1429-1435.	3.4	4
11	Sonochemical synthesis of silver nanoparticles anchored reduced graphene oxide nanosheets for selective and sensitive detection of glutathione. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 363-373.	8.2	60
12	Graphene Quantum Dots Anchored Gold Nanorods for Electrochemical Detection of Glutathione. <i>ChemistrySelect</i> , 2017, 2, 4744-4752.	1.5	11
13	Sensitive electrochemical determination of dopamine and uric acid using AuNPs@EDAS@rGO nanocomposites. <i>Analytical Methods</i> , 2016, 8, 4379-4390.	2.7	21
14	SnO <sub>2</sub> -decorated multiwalled carbon nanotubes and Vulcan carbon through a sonochemical approach for supercapacitor applications. <i>Ultrasonics Sonochemistry</i> , 2016, 29, 205-212.	8.2	39
15	Simultaneous detection of dopamine and ascorbic acid using silicate network interlinked gold nanoparticles and multi-walled carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 731-741.	7.8	49