

Unni Sivasankaran

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

365
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive electrochemical sensing of phosphate in water mediated by a dipicolylamine-zinc(II) complex. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128474.	7.8	20
2	A cost effective strategy for dual channel optical sensing of adrenaline based on <i>in situ</i> ™ formation of copper nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117292.	3.9	15
3	Interaction of tetracycline with L-cysteine functionalized CdS quantum dots - Fundamentals and sensing application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 410-415.	3.9	41
4	Electrochemical sensing of sulfate in aqueous solution with a cyclopeptide-dipyromethene-Cu(II) or Co(II) complex attached to a gold electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 536-545.	7.8	12
5	Copper nanoclusters: an efficient fluorescence sensing platform for quinoline yellow. <i>Luminescence</i> , 2019, 34, 243-248.	2.9	20
6	Communication™ Electrochemical Sensing of Synthetic Antioxidant Propyl Gallate: A Cost Effective Strategy Using Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2019, 166, B92-B94.	2.9	9
7	Biothiols induced colour change of silver nanoparticles: A colorimetric sensing strategy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 113-119.	3.9	17
8	Selective recognition of creatinine – Development of a colorimetric sensor. <i>Analytical Biochemistry</i> , 2018, 544, 1-6.	2.4	19
9	Biopolymer Based Electrochemical Sensor for Ponceau 4R: An Insight into Electrochemical Kinetics. <i>Journal of the Electrochemical Society</i> , 2018, 165, B746-B752.	2.9	23
10	Poly (Bromophenol Blue)-Gold Nanoparticle Composite: An Efficient Electrochemical Sensing Platform for Uric Acid. <i>Journal of the Electrochemical Society</i> , 2017, 164, B292-B297.	2.9	24
11	Fluorescence Turn off Sensor for Brilliant Blue FCF- an Approach Based on Inner Filter Effect. <i>Journal of Fluorescence</i> , 2017, 27, 69-77.	2.5	30
12	Fluorescence Determination of Glutathione Using Tissue Paper-derived Carbon Dots as Fluorophores. <i>Analytical Sciences</i> , 2017, 33, 281-285.	1.6	36
13	A silicon nanoparticle based turn off fluorescent sensor for sudan I. <i>Analytical Methods</i> , 2016, 8, 5701-5706.	2.7	35
14	Fluorometric Determination of Epinephrine: A Green Approach. <i>Analytical Sciences</i> , 2016, 32, 999-1001.	1.6	10
15	Nanomolar Level Determination of Octyl Gallate in Fats and Oils. <i>Food Analytical Methods</i> , 2016, 9, 2115-2123.	2.6	32
16	Electrochemical Sensing of Tinidazole on Modified Glassy Carbon Electrodes. <i>Journal of the Electrochemical Society</i> , 2015, 162, B94-B100.	2.9	22