

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 | 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 |
| 2 | Fluorescence Determination of Glutathione Using Tissue Paper-derived Carbon Dots as Fluorophores. <i>Analytical Sciences</i> , 2017, 33, 281-285. | 1.6 | 36 |
| 3 | A silicon nanoparticle based turn off fluorescent sensor for sudan I. <i>Analytical Methods</i> , 2016, 8, 5701-5706. | 2.7 | 35 |
| 4 | Nanomolar Level Determination of Octyl Gallate in Fats and Oils. <i>Food Analytical Methods</i> , 2016, 9, 2115-2123. | 2.6 | 32 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Electrochemical Sensing of Tinidazole on Modified Glassy Carbon Electrodes. <i>Journal of the Electrochemical Society</i> , 2015, 162, B94-B100. | 2.9 | 22 |
| 9 | Copper nanoclusters: an efficient fluorescence sensing platform for quinoline yellow. <i>Luminescence</i> , 2019, 34, 243-248. | 2.9 | 20 |
| 10 | 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 |
| 11 | Selective recognition of creatinine – Development of a colorimetric sensor. <i>Analytical Biochemistry</i> , 2018, 544, 1-6. | 2.4 | 19 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Fluorometric Determination of Epinephrine: A Green Approach. <i>Analytical Sciences</i> , 2016, 32, 999-1001. | 1.6 | 10 |
| 16 | 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 |