Rajesh Seenivasan

List of Publications by Year
in descending order

18 papers	758 citations	758635 12 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	1239 citing authors

#	Article	IF	Citations
1	Gold Nanoparticle-Based Fluorescent Theranostics for Real-Time Image-Guided Assessment of DNA Damage and Repair. International Journal of Molecular Sciences, 2019, 20, 471.	1.8	5
2	Wearable electrochemical glove-based sensor for rapid and on-site detection of fentanyl. Sensors and Actuators B: Chemical, 2019, 296, 126422.	4.0	134
3	Recent trends in electrochemical biosensors of superoxide dismutases. Biosensors and Bioelectronics, 2018, 116, 89-99.	5.3	57
4	Integrating electrochemical immunosensing and cell adhesion technologies for cancer cell detection and enumeration. Electrochimica Acta, 2018, 286, 205-211.	2.6	9
5	A Sub-1 Î¼W multiparameter injectable BioMote for continuous alcohol monitoring. , 2018, , .		26
6	Nanotechnology for Electroanalytical Biosensors of Reactive Oxygen and Nitrogen Species. Chemical Record, 2017, 17, 886-901.	2.9	17
7	Microfluidic-integrated patterned ITO immunosensor for rapid detection of prostate-specific membrane antigen biomarker in prostate cancer. Biosensors and Bioelectronics, 2017, 95, 160-167.	5.3	30
8	An Electrochemical Immunosensor for Rapid and Sensitive Detection of Mycotoxins Fumonisin B1 and Deoxynivalenol. Electrochimica Acta, 2016, 213, 89-97.	2.6	103
9	An electrochemical immunosensing method for detecting melanoma cells. Biosensors and Bioelectronics, 2015, 68, 508-515.	5.3	48
10	Highly Sensitive Detection and Removal of Lead Ions in Water Using Cysteine-Functionalized Graphene Oxide/Polypyrrole Nanocomposite Film Electrode. ACS Applied Materials & Interfaces, 2015, 7, 15935-15943.	4.0	159
11	Electrochemical incorporation of hemin in a ZnOâ€“PPy nanocomposite on a Pt electrode as NOx sensor. Analyst, The, 2012, 137, 5874.	1.7	14
12	Copper nanoparticles entrapped in SWCNT-PPy nanocomposite on Pt electrode as NOx electrochemical sensor. Talanta, 2011, 85, 964-969.	2.9	12
13	Electrochemical Incorporation of Manganese(III) Tetrakis(1-methyl-4-pyridyl)Porphyrin in ZnO-Polypyrrole Nanocomposite on Pt Electrode as NO_{<I>x</I>} Sensor. Sensor Letters, 2011, 9, 1623-1628.	0.4	5
14	Electrochemical Sensor for Simultaneous Measurement of Nitrite and Superoxide Anion Radical Using Superoxide Dismutase-Mimetic Manganese(III) Tetrakis(1-methyl-4-pyridyl)Porphyrin on Polypyrrole Matrix. Sensor Letters, 2011, 9, 1682-1688.	0.4	9
15	Electrochemical cysteine biosensor based on the selective oxidaseâ€“peroxidase activities of copper, zinc superoxide dismutase. Sensors and Actuators B: Chemical, 2010, 148, 17-22.	4.0	32
16	Simultaneous electrochemical determination of superoxide anion radical and nitrite using Cu,ZnSOD immobilized on carbon nanotube in polypyrrole matrix. Biosensors and Bioelectronics, 2010, 26, 689-695.	5.3	78
17	Time-dependant protective effects of mangenese(III) tetrakis (1-methyl-4-pyridyl) porphyrin on mitochondrial function following renal ischemia-reperfusion injury. Free Radical Research, 2010, 44, 773-782.	1.5	13
18	Superoxide Anion Radical Biosensor Using Self-Assembled Cysteine Monolayer on Gold Nanoparticles in Polypyrrole Matrix Facilitated Electron Transfer in Cu, ZnSOD. Sensor Letters, 2010, 8, 613-621.	0.4	7