N G Gurudatt

List of Publications by Year
in descending order

13	567	840585 11	1125617 13
papers	citations	h-index	g-index

13	13	13	920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of enzymatic and non-enzymatic glucose sensors based on hierarchical Au-Ni alloy with conductive polymer. Biosensors and Bioelectronics, 2019, 130, 48-54.	5.3	181
2	An amperometric nanobiosensor for the selective detection of K+-induced dopamine released from living cells. Biosensors and Bioelectronics, 2015, 68, 421-428.	5.3	74
3	Ultrasensitive cytosensing based on an aptamer modified nanobiosensor with a bioconjugate: Detection of human non-small-cell lung cancer cells. Biosensors and Bioelectronics, 2015, 74, 594-600.	5.3	64
4	Ultrasensitive dual probe immunosensor for the monitoring of nicotine induced-brain derived neurotrophic factor released from cancer cells. Biosensors and Bioelectronics, 2018, 116, 108-115.	5.3	63
5	Detection of Ca2+-induced acetylcholine released from leukemic T-cells using an amperometric microfluidic sensor. Biosensors and Bioelectronics, 2017, 98, 364-370.	5.3	39
6	Separation detection of different circulating tumor cells in the blood using an electrochemical microfluidic channel modified with a lipid-bonded conducting polymer. Biosensors and Bioelectronics, 2019, 146, 111746.	5.3	27
7	Nano-biosensor for the in vitro lactate detection using bi-functionalized conducting polymer/N, S-doped carbon; the effect of Î±CHC inhibitor on lactate level in cancer cell lines. Biosensors and Bioelectronics, 2020, 155, 112094.	5.3	25
8	Amperometric sensing of HIF1Î± expressed in cancer cells and the effect of hypoxic mimicking agents. Biosensors and Bioelectronics, 2016, 83, 312-318.	5.3	22
9	Separation detection of hemoglobin and glycated hemoglobin fractions in blood using the electrochemical microfluidic channel with a conductive polymer composite sensor. Biosensors and Bioelectronics, 2019, 142, 111515.	5.3	22
10	Sensitive NADH detection in a tumorigenic cell line using a nano-biosensor based on the organic complex formation. Biosensors and Bioelectronics, 2016, 85, 488-495.	5.3	19
11	Enhanced electrochemical sensing of leukemia cells using drug/lipid co-immobilized on the conducting polymer layer. Biosensors and Bioelectronics, 2016, 86, 33-40.	5.3	19
12	Electrodynamic Force Derived in-Channel Separation and Detection of Au Nanoparticles Using an Electrochemical AC Microfluidic Channel. Analytical Chemistry, 2019, 91, 14109-14116.	3.2	7
13	Catalytic SrMoO₄ nanoparticles and conducting polymer composite sensor for monitoring of K⁺-induced dopamine release from neuronal cells. Journal of Materials Chemistry B, 2022, 10, 728-736.	2.9	5