

N G Gurudatt

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Catalytic SrMoO ₄ 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
2	Nano-biosensor for the in vitro lactate detection using bi-functionalized conducting polymer/N, S-doped carbon; the effect of $\hat{1}\pm$ CHC inhibitor on lactate level in cancer cell lines. Biosensors and Bioelectronics, 2020, 155, 112094.	5.3	25
3	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
4	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
5	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
6	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
7	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
8	Detection of Ca ²⁺ -induced acetylcholine released from leukemic T-cells using an amperometric microfluidic sensor. Biosensors and Bioelectronics, 2017, 98, 364-370.	5.3	39
9	Amperometric sensing of HIF1 $\hat{1}\pm$ expressed in cancer cells and the effect of hypoxic mimicking agents. Biosensors and Bioelectronics, 2016, 83, 312-318.	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	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
13	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