

Dorin Harpaz

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

345
citations

840585

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839398

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22
all docs

22
docs citations

22
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring Artificial Sweeteners Toxicity Using a Bioluminescent Bacterial Panel. <i>Molecules</i> , 2018, 23, 2454.	1.7	46
2	Point-of-Care Surface Plasmon Resonance Biosensor for Stroke Biomarkers NT-proBNP and S100 β Using a Functionalized Gold Chip with Specific Antibody. <i>Sensors</i> , 2019, 19, 2533.	2.1	42
3	Point-of-Care-Testing in Acute Stroke Management: An Unmet Need Ripe for Technological Harvest. <i>Biosensors</i> , 2017, 7, 30.	2.3	40
4	Dissolvable Polyvinyl-Alcohol Film, a Time-Barrier to Modulate Sample Flow in a 3D-Printed Holder for Capillary Flow Paper Diagnostics. <i>Materials</i> , 2019, 12, 343.	1.3	39
5	Functionalized silicon dioxide self-referenced plasmonic chip as point-of-care biosensor for stroke biomarkers NT-proBNP and S100 β . <i>Talanta</i> , 2020, 212, 120792.	2.9	29
6	Enhanced Colorimetric Signal for Accurate Signal Detection in Paper-Based Biosensors. <i>Diagnostics</i> , 2020, 10, 28.	1.3	23
7	Blood-Based Biomarkers Are Associated with Different Ischemic Stroke Mechanisms and Enable Rapid Classification between Cardioembolic and Atherosclerosis Etiologies. <i>Diagnostics</i> , 2020, 10, 804.	1.3	13
8	Electrochemical impedimetric detection of stroke biomarker NT-proBNP using disposable screen-printed gold electrodes. <i>The EuroBiotech Journal</i> , 2017, 1, 165-176.	0.5	12
9	Smartphone-Based Whole-Cell Biosensor Platform Utilizing an Immobilization Approach on a Filter Membrane Disk for the Monitoring of Water Toxicants. <i>Sensors</i> , 2020, 20, 5486.	2.1	12
10	The effect of cannabis toxicity on a model microbiome bacterium epitomized by a panel of bioluminescent <i>E. Coli</i> . <i>Chemosphere</i> , 2021, 263, 128241.	4.2	12
11	B-Type Natriuretic Peptide as a Significant Brain Biomarker for Stroke Triaging Using a Bedside Point-of-Care Monitoring Biosensor. <i>Biosensors</i> , 2020, 10, 107.	2.3	11
12	Whole-cell bacterial biosensor for volatile detection from <i>Pectobacterium</i> -infected potatoes enables early identification of potato tuber soft rot disease. <i>Talanta</i> , 2022, 247, 123545.	2.9	11
13	Characterization of the selective binding of modified chitosan nanoparticles to Gram-negative bacteria strains. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 666-675.	3.6	10
14	Membrane type comparison and modification to modulate sample flow in paper diagnostics. <i>Biochemical Engineering Journal</i> , 2020, 155, 107483.	1.8	9
15	Development of a portable colorimetric point-of-care device for the detection of <i>Bacillus cereus</i> in food specimens. <i>Sensors and Actuators B: Chemical</i> , 2022, 356, 131354.	4.0	9
16	The Incorporation of Amplified Metal-Enhanced Fluorescence in a CMOS-Based Biosensor Increased the Detection Sensitivity of a DNA Marker of the Pathogenic Fungus <i>Colletotrichum gloeosporioides</i> . <i>Biosensors</i> , 2020, 10, 204.	2.3	8
17	Cigarette smoke toxicity modes of action estimated by a bioluminescent bioreporter bacterial panel. <i>Talanta</i> , 2021, 226, 122076.	2.9	8
18	Blood biomarkers to detect new-onset atrial fibrillation and cardioembolism in ischemic stroke patients. <i>Heart Rhythm</i> , 2021, 18, 855-861.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Detection of postharvest pathogenic fungi by RNA markers in high-throughput platform on streptavidin plate. <i>Postharvest Biology and Technology</i> , 2022, 183, 111728.	2.9	2
20	Rapid Point-of-Care-Tests for Stroke Monitoring. <i>Materials Research Foundations</i> , 2019, , 233-282.	0.2	1
21	Environmental pollutants induce noninherited antibiotic resistance to polymyxin B in <i>Escherichia coli</i> . <i>Future Microbiology</i> , 2020, 15, 1631-1643.	1.0	1