

Stephanos K Karapetis

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

405
citations

933447

10
h-index

996975

15
g-index

27
all docs

27
docs citations

27
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Lipid Membranes: Past, Present, and Future. <i>Membranes</i> , 2017, 7, 38.	3.0	124
2	Development of an Electrochemical Biosensor for the Rapid Detection of Saxitoxin Based on Air Stable Lipid Films with Incorporated Anti- α -STX Using Graphene Electrodes. <i>Electroanalysis</i> , 2017, 29, 990-997.	2.9	57
3	Label-Free and Redox Markers-Based Electrochemical Aptasensors for Aflatoxin M1 Detection. <i>Sensors</i> , 2018, 18, 4218.	3.8	32
4	Development of an Electrochemical Biosensor for the Rapid Detection of Cholera Toxin Based on Air Stable Lipid Films with Incorporated Ganglioside GM1 Using Graphene Electrodes. <i>Electroanalysis</i> , 2016, 28, 1584-1590.	2.9	31
5	Lipid Membrane Nanosensors for Environmental Monitoring: The Art, the Opportunities, and the Challenges. <i>Sensors</i> , 2018, 18, 284.	3.8	28
6	Electrochemical Biosensor for Naphthalene Acetic Acid in Fruits and Vegetables Based on Lipid Films with Incorporated Auxin-binding Protein Receptor Using Graphene Electrodes. <i>Electroanalysis</i> , 2016, 28, 2171-2177.	2.9	24
7	The Application of Lipid Membranes in Biosensing. <i>Membranes</i> , 2018, 8, 108.	3.0	17
8	Novel Biosensors for the Rapid Detection of Toxicants in Foods. <i>Advances in Food and Nutrition Research</i> , 2018, 84, 57-102.	3.0	16
9	Application of Biosensors Based on Lipid Membranes for the Rapid Detection of Toxins. <i>Biosensors</i> , 2018, 8, 61.	4.7	13
10	Surface Enhanced Raman Spectroscopy for Molecular Identification- a Review on Surface Plasmon Resonance (SPR) and Localised Surface Plasmon Resonance (LSPR) in Optical Nanobiosensing. <i>Croatica Chemica Acta</i> , 2020, 92, 479-494.	0.4	13
11	Biosensors Based on Lipid Modified Graphene Microelectrodes. <i>Journal of Carbon Research</i> , 2017, 3, 9.	2.7	11
12	Protein-Based Graphene Biosensors: Optimizing Artificial Chemoreception in Bilayer Lipid Membranes. <i>Membranes</i> , 2016, 6, 43.	3.0	6
13	Nano-enabled medical devices based on biosensing principles: technology basis and new concepts. <i>AIMS Materials Science</i> , 2017, 4, 250-266.	1.4	5
14	Point-of-Care and Implantable Biosensors in Cancer Research and Diagnosis. , 2017, , 115-132.		3
15	Prototype Biosensing Devices. , 2018, , 1-28.		3
16	Potentiometric Biosensing Applications of Graphene Electrodes with Stabilized Polymer Lipid Membranes. <i>Chemosensors</i> , 2018, 6, 25.	3.6	2
17	Applications of Lipid Membranes-based Biosensors for the Rapid Detection of Food Toxicants and Environmental Pollutants. , 2019, , 285-297.		0
18	Nanosensors Based on Lipid Membranes for the Rapid Detection of Food Toxicants. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 247-259.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Applications of graphene microelectrodes in clinical analysis. , 2016, , 459-472.		0