Stephanos K Karapetis

List of Publications by Year
in descending order

19	405	933447 10	996975 15
papers	citations	h-index	g-index

27	27	27	639
all docs	docs citations	times ranked	citing authors

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

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