

Swe Jyan Teh

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

646
citations

933264

10
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	A reduced graphene oxide-titanium dioxide nanocomposite based electrochemical aptasensor for rapid and sensitive detection of Salmonella enterica. <i>Bioelectrochemistry</i> , 2019, 127, 136-144.	2.4	78
2	Carbon Nanomaterial-Based Electrochemical Biosensors for Foodborne Bacterial Detection. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 510-533.	1.8	74
3	All-carbon suspended nanowire sensors as a rapid highly-sensitive label-free chemiresistive biosensing platform. <i>Biosensors and Bioelectronics</i> , 2018, 107, 145-152.	5.3	82
4	Carbon nanotube-based aptasensor for sensitive electrochemical detection of whole-cell Salmonella. <i>Analytical Biochemistry</i> , 2018, 554, 34-43.	1.1	82
5	Graphene-based label-free electrochemical aptasensor for rapid and sensitive detection of foodborne pathogen. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6893-6905.	1.9	63
6	Development of an aptasensor using reduced graphene oxide chitosan complex to detect Salmonella. <i>Journal of Electroanalytical Chemistry</i> , 2017, 806, 88-96.	1.9	63
7	Applied bias photon-to-current conversion efficiency of ZnO enhanced by hybridization with reduced graphene oxide. <i>Journal of Energy Chemistry</i> , 2017, 26, 302-308.	7.1	39
8	Photocatalytic Water Oxidation on ZnO: A Review. <i>Catalysts</i> , 2017, 7, 93.	1.6	122
9	Effect of reduced graphene oxide-hybridized ZnO thin films on the photoinactivation of <i>Staphylococcus aureus</i> and <i>Salmonella enterica</i> serovar Typhi. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 25-33.	1.7	15
10	Novel layer-by-layer assembly of rGO-hybridised ZnO sandwich thin films for the improvement of photo-catalysed hydrogen production. <i>Journal of Energy Chemistry</i> , 2016, 25, 336-344.	7.1	19
11	Formation of Functional Carbonaceous Materials via Iron Oxide-Assisted Hydrothermal Carbonization. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 655-660.	0.4	1
12	ZnCl ₂ /NaCl-Catalysed Hydrothermal Carbonization of Glucose and Oil Palm Shell Fiber. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 611-615.	0.4	8