Melinda David

List of Publications by Year
in descending order

17 papers	333 citations	1040056 9 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	550 citing authors

#	Article	IF	Citations
1	Evaluation of the interaction of levothyroxine with bovine serum albumin using spectroscopic and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1139-1151.	3.5	17
2	Electrochemical quantification of levothyroxine at disposable screen-printed electrodes. Journal of Electroanalytical Chemistry, 2022, 911, 116240.	3.8	10
3	Conformational Changes in the BSA-LT4 Complex Induced by the Presence of Vitamins: Spectroscopic Approach and Molecular Docking. International Journal of Molecular Sciences, 2022, 23, 4215.	4.1	3
4	Insight into dual fluorescence effects induced by molecular aggregation occurring in membrane model systems containing 1,3,4-thiadiazole derivatives. European Biophysics Journal, 2021, 50, 1083-1101.	2.2	7
5	An Impedimetric Sensor for Levothyroxine Detection towards Point of Care Applications. , 2021, , .		0
6	Electrochemical synthesis and characterization of poly(thionine)-deep eutectic solvent/carbon nanotubeâ€“modified electrodes and application to electrochemical sensing. Mikrochimica Acta, 2020, 187, 609.	5.0	22
7	Biosensors for Antioxidants Detection: Trends and Perspectives. Biosensors, 2020, 10, 112.	4.7	12
8	Monitoring biomolecular interaction between folic acid and bovine serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 230, 118074.	3.9	20
9	Bioelectrochemical evaluation of plant extracts and gold nanozyme-based sensors for total antioxidant capacity determination. Bioelectrochemistry, 2019, 129, 124-134.	4.6	37
10	Nanozyme Modified Electrochemical Biosensors as Rapid Screening Tools for Biomolecules. Biophysical Journal, 2019, 116, 148a.	0.5	0
11	A Nanoparticle-Based Label-Free Sensor for Screening the Relative Antioxidant Capacity of Hydrosoluble Plant Extracts. Sensors, 2019, 19, 590.	3.8	7
12	Improved glucose label-free biosensor with layer-by-layer architecture and conducting polymer poly(3,4-ethylenedioxythiophene). Sensors and Actuators B: Chemical, 2018, 255, 3227-3234.	7.8	53
13	DEVELOPMENT AND EVALUATION OF SOL-GEL-BASED BIOSENSORS FOR CADMIUM IONS DETECTION. Environmental Engineering and Management Journal, 2018, 17, 317-326.	0.6	2
14	Label-free Evaluation of Carbon Nanoparticles in Layer-by-Layer Self-assembled Enzyme-based Biosensors. Procedia Technology, 2017, 27, 304-305.	1.1	0
15	Tyrosinase-Based Biosensors for Selective Dopamine Detection. Sensors, 2017, 17, 1314.	3.8	49
16	Acidic and Basic Functionalized Carbon Nanomaterials as Electrical Bridges in Enzyme Loaded Chitosan/Poly(styrene sulfonate) Selfâ€Assembled Layerâ€byâ€Layer Glucose Biosensors. Electroanalysis, 2015, 27, 2139-2149.	2.9	18
17	A new self-assembled layer-by-layer glucose biosensor based on chitosan biopolymer entrapped enzyme with nitrogen doped graphene. Bioelectrochemistry, 2014, 99, 46-52.	4.6	76