Hien T Ngoc Le

List of Publications by Year
in descending order

10 papers	169 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	172 citing authors

#	Article	IF	Citations
1	Ultrasensitive capacitance sensor to detect amyloid-beta 1-40 in human serum using supramolecular recognition of Î²-CD/RGO/ITO micro-disk electrode. Talanta, 2022, 237, 122907.	5.5	16
2	Sensitive Electrochemical Detection of Phosphorylated-Tau Threonine 231 in Human Serum Using Interdigitated Wave-Shaped Electrode. Biomedicines, 2022, 10, 10.	3.2	7
3	Removal of Thiol-SAM on a Gold Surface for Re-Use of an Interdigitated Chain-Shaped Electrode. Materials, 2022, 15, 2218.	2.9	4
4	Sensitive Electrochemical Non-Enzymatic Detection of Glucose Based on Wireless Data Transmission. Sensors, 2022, 22, 2787.	3.8	8
5	Deciphering the Disaggregation Mechanism of Amyloid Beta Aggregate by 4-(2-Hydroxyethyl)-1-Piperazinepropanesulfonic Acid Using Electrochemical Impedance Spectroscopy. Sensors, 2021, 21, 788.	3.8	8
6	Nanomaterial-based Optical and Electrochemical Biosensors for Amyloid beta and Tau: Potential for early diagnosis of Alzheimerâ€™s Disease. Expert Review of Molecular Diagnostics, 2021, 21, 175-193.	3.1	18
7	A Probeless Capacitive Biosensor for Direct Detection of Amyloid Beta 1-42 in Human Serum Based on an Interdigitated Chain-Shaped Electrode. Micromachines, 2020, 11, 791.	2.9	22
8	Bioelectrocatalysis of Hemoglobin on Electrodeposited Ag Nanoflowers toward H2O2 Detection. Nanomaterials, 2020, 10, 1628.	4.1	11
9	Sensitive electrochemical detection of amyloid beta peptide in human serum using an interdigitated chain-shaped electrode. Biosensors and Bioelectronics, 2019, 144, 111694.	10.1	40
10	A Review of Electrical Impedance Characterization of Cells for Label-Free and Real-Time Assays. Biochip Journal, 2019, 13, 295-305.	4.9	35