Emmanuel Topoglidis

List of Publications by Year
in descending order

29 papers	1,411 citations	471509 17 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	1631 citing authors

#	Article	IF	Citations
1	Myelin Peptideâ€“Mannan Conjugate Multiple Sclerosis Vaccines: Conjugation Efficacy and Stability of Vaccine Ingredient. Vaccines, 2021, 9, 1456.	4.4	6
2	Application of chemometrics for detection and modeling of adulteration of fresh cow milk with reconstituted skim milk powder using voltammetric fingerpriting on a graphite/ SiO2 hybrid electrode. Talanta, 2020, 206, 120223.	5.5	19
3	Mesoporous Metal Oxide Films. Coatings, 2020, 10, 668.	2.6	2
4	The Use of Electrochemical Voltammetric Techniques and High-Pressure Liquid Chromatography to Evaluate Conjugation Efficiency of Multiple Sclerosis Peptide-Carrier Conjugates. Brain Sciences, 2020, 10, 577.	2.3	6
5	Fully Reversible Electrically Induced Photochromic-Like Behaviour of Ag:TiO2 Thin Films. Coatings, 2020, 10, 130.	2.6	6
6	Microperoxidase-11 modified mesoporous SnO2 film electrodes for the detection of antimalarial drug artemisinin. Analytical Methods, 2019, 11, 3117-3125.	2.7	9
7	Graphite/SiO2 film electrode modified with hybrid organic-inorganic perovskites: Synthesis, optical, electrochemical properties and application in electrochemical sensing of losartan. Journal of Solid State Chemistry, 2019, 273, 17-24.	2.9	14
8	A chemical sensor for CBr₄ based on quasi-2D and 3D hybrid organicâ€“inorganic perovskites immobilized on TiO₂ films. Materials Chemistry Frontiers, 2018, 2, 730-740.	5.9	12
9	Electrochemical and spectroelectrochemical characterization of different mesoporous TiO2 film electrodes for the immobilization of Cytochrome c. Frontiers of Materials Science, 2018, 12, 64-73.	2.2	5
10	Hemin-Modified SnO2/Metglas Electrodes for the Simultaneous Electrochemical and Magnetoelastic Sensing of H2O2. Coatings, 2018, 8, 284.	2.6	16
11	Adsorption and electrochemical behavior of Cyt-c on carbon nanotubes/TiO2 nanocomposite films fabricated at various annealing temperatures. Colloid and Polymer Science, 2018, 296, 1353-1364.	2.1	2
12	Hemin Modified SnO₂ Films on ITOâ€PET with Enhanced Activity for Electrochemical Sensing. Electroanalysis, 2018, 30, 1956-1964.	2.9	11
13	Nanostructured ZnO in a Metglas/ZnO/Hemoglobin Modified Electrode to Detect the Oxidation of the Hemoglobin Simultaneously by Cyclic Voltammetry and Magnetoelastic Resonance. Materials, 2017, 10, 849.	2.9	17
14	Use of microperoxidase-11 to functionalize tin dioxide electrodes for the optical and electrochemical sensing of hydrogen peroxide. Analytica Chimica Acta, 2011, 686, 126-132.	5.4	20
15	Direct spectroelectrochemistry of peroxidases immobilised on mesoporous metal oxide electrodes: Towards reagentless hydrogen peroxide sensing. Analytica Chimica Acta, 2009, 648, 2-6.	5.4	23
16	Interfacial electron transfer on cytochrome-c sensitised conformally coated mesoporous TiO2 films. Bioelectrochemistry, 2008, 74, 142-148.	4.6	21
17	Optical sensing of cyanide using hybrid biomolecular films. Inorganic Chemistry Communication, 2006, 9, 1239-1242.	3.9	25
18	Nitric Oxide Biosensors Based on the Immobilization of Hemoglobin on Mesoporous Titania Electrodes. Electroanalysis, 2006, 18, 882-887.	2.9	44

#	Article	IF	Citations
19	Immobilization and Electrochemistry of Negatively Charged Proteins on Modified Nanocrystalline Metal Oxide Electrodes. Electroanalysis, 2005, 17, 1035-1041.	2.9	38
20	Proton-Coupled Electron Transfer of Flavodoxin Immobilized on Nanostructured Tin Dioxide Electrodes:â€‰ Thermodynamics versus Kinetics Control of Protein Redox Function. Journal of the American Chemical Society, 2004, 126, 8001-8009.	13.7	72
21	Cyclic voltammetry and voltabsorptometry studies of redox proteins immobilised on nanocrystalline tin dioxide electrodes. Bioelectrochemistry, 2004, 63, 55-59.	4.6	39
22	Functionalizing Nanocrystalline Metal Oxide Electrodes With Robust Synthetic Redox Proteins. ChemBioChem, 2003, 4, 1332-1339.	2.6	51
23	Direct Electrochemistry and Nitric Oxide Interaction of Heme Proteins Adsorbed on Nanocrystalline Tin Oxide Electrodes. Langmuir, 2003, 19, 6894-6900.	3.5	179
24	Photoelectrochemical study of Zn cytochrome-c immobilised on a nanoporous metal oxide electrode. Chemical Communications, 2002, , 1518-1519.	4.1	44
25	Factors that Affect Protein Adsorption on Nanostructured Titania Films. A Novel Spectroelectrochemical Application to Sensing. Langmuir, 2001, 17, 7899-7906.	3.5	179
26	Immobilisation and bioelectrochemistry of proteins on nanoporous TiO2 and ZnO films. Journal of Electroanalytical Chemistry, 2001, 517, 20-27.	3.8	269
27	PROTEIN ADSORPTION ON NANOCRYSTALLINE Ti02 FILMS: A NOVEL IMMOBILISATION STRATEGY FOR BIOELECTROCHEMISTRY AND BIOANALYTICAL DEVICES. Biochemical Society Transactions, 2000, 28, A44-A44.	3.4	0
28	Protein adsorption on nanoporous TiO2 films: a novel approach to studying photoinduced protein/electrode transfer reactions. Faraday Discussions, 2000, 116, 35-46.	3.2	87
29	Protein Adsorption on Nanocrystalline TiO2Films:Â An Immobilization Strategy for Bioanalytical Devices. Analytical Chemistry, 1998, 70, 5111-5113.	6.5	195