

# Emmanuel Topoglidis

## List of Publications by Year in descending order

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29  
papers

1,411  
citations

471061  
17  
h-index

500791  
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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. <i>Vaccines</i> , 2021, 9, 1456.	2.1	6
2	Application of chemometrics for detection and modeling of adulteration of fresh cow milk with reconstituted skim milk powder using voltammetric fingerprinting on a graphite/ SiO <sub>2</sub> hybrid electrode. <i>Talanta</i> , 2020, 206, 120223.	2.9	19
3	Mesoporous Metal Oxide Films. <i>Coatings</i> , 2020, 10, 668.	1.2	2
4	The Use of Electrochemical Voltammetric Techniques and High-Pressure Liquid Chromatography to Evaluate Conjugation Efficiency of Multiple Sclerosis Peptide-Carrier Conjugates. <i>Brain Sciences</i> , 2020, 10, 577.	1.1	6
5	Fully Reversible Electrically Induced Photochromic-Like Behaviour of Ag:TiO <sub>2</sub> Thin Films. <i>Coatings</i> , 2020, 10, 130.	1.2	6
6	Microperoxidase-11 modified mesoporous SnO <sub>2</sub> film electrodes for the detection of antimalarial drug artemisinin. <i>Analytical Methods</i> , 2019, 11, 3117-3125.	1.3	9
7	Graphite/SiO <sub>2</sub> film electrode modified with hybrid organic-inorganic perovskites: Synthesis, optical, electrochemical properties and application in electrochemical sensing of losartan. <i>Journal of Solid State Chemistry</i> , 2019, 273, 17-24.	1.4	14
8	A chemical sensor for CBr <sub>4</sub> based on quasi-2D and 3D hybrid organicâ€“inorganic perovskites immobilized on TiO <sub>2</sub> films. <i>Materials Chemistry Frontiers</i> , 2018, 2, 730-740.	3.2	12
9	Electrochemical and spectroelectrochemical characterization of different mesoporous TiO <sub>2</sub> film electrodes for the immobilization of Cytochrome c. <i>Frontiers of Materials Science</i> , 2018, 12, 64-73.	1.1	5
10	Hemin-Modified SnO <sub>2</sub> /Metglas Electrodes for the Simultaneous Electrochemical and Magnetoelastic Sensing of H <sub>2</sub> O <sub>2</sub> . <i>Coatings</i> , 2018, 8, 284.	1.2	16
11	Adsorption and electrochemical behavior of Cyt-c on carbon nanotubes/TiO <sub>2</sub> nanocomposite films fabricated at various annealing temperatures. <i>Colloid and Polymer Science</i> , 2018, 296, 1353-1364.	1.0	2
12	Hemin Modified SnO <sub>2</sub> Films on ITOâ€“PET with Enhanced Activity for Electrochemical Sensing. <i>Electroanalysis</i> , 2018, 30, 1956-1964.	1.5	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. <i>Materials</i> , 2017, 10, 849.	1.3	17
14	Use of microperoxidase-11 to functionalize tin dioxide electrodes for the optical and electrochemical sensing of hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2011, 686, 126-132.	2.6	20
15	Direct spectroelectrochemistry of peroxidases immobilised on mesoporous metal oxide electrodes: Towards reagentless hydrogen peroxide sensing. <i>Analytica Chimica Acta</i> , 2009, 648, 2-6.	2.6	23
16	Interfacial electron transfer on cytochrome-c sensitised conformally coated mesoporous TiO <sub>2</sub> films. <i>Bioelectrochemistry</i> , 2008, 74, 142-148.	2.4	21
17	Optical sensing of cyanide using hybrid biomolecular films. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1239-1242.	1.8	25
18	Nitric Oxide Biosensors Based on the Immobilization of Hemoglobin on Mesoporous Titania Electrodes. <i>Electroanalysis</i> , 2006, 18, 882-887.	1.5	44

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19	Immobilization and Electrochemistry of Negatively Charged Proteins on Modified Nanocrystalline Metal Oxide Electrodes. <i>Electroanalysis</i> , 2005, 17, 1035-1041.	1.5	38
20	Proton-Coupled Electron Transfer of Flavodoxin Immobilized on Nanostructured Tin Dioxide Electrodes: Thermodynamics versus Kinetics Control of Protein Redox Function. <i>Journal of the American Chemical Society</i> , 2004, 126, 8001-8009.	6.6	72
21	Cyclic voltammetry and voltabsorptometry studies of redox proteins immobilised on nanocrystalline tin dioxide electrodes. <i>Bioelectrochemistry</i> , 2004, 63, 55-59.	2.4	39
22	Functionalizing Nanocrystalline Metal Oxide Electrodes With Robust Synthetic Redox Proteins. <i>ChemBioChem</i> , 2003, 4, 1332-1339.	1.3	51
23	Direct Electrochemistry and Nitric Oxide Interaction of Heme Proteins Adsorbed on Nanocrystalline Tin Oxide Electrodes. <i>Langmuir</i> , 2003, 19, 6894-6900.	1.6	179
24	Photoelectrochemical study of Zn cytochrome-c immobilised on a nanoporous metal oxide electrode. <i>Chemical Communications</i> , 2002, , 1518-1519.	2.2	44
25	Factors that Affect Protein Adsorption on Nanostructured Titania Films. A Novel Spectroelectrochemical Application to Sensing. <i>Langmuir</i> , 2001, 17, 7899-7906.	1.6	179
26	Immobilisation and bioelectrochemistry of proteins on nanoporous TiO <sub>2</sub> and ZnO films. <i>Journal of Electroanalytical Chemistry</i> , 2001, 517, 20-27.	1.9	269
27	PROTEIN ADSORPTION ON NANOCRYSTALLINE TiO <sub>2</sub> FILMS: A NOVEL IMMOBILISATION STRATEGY FOR BIOELECTROCHEMISTRY AND BIOANALYTICAL DEVICES. <i>Biochemical Society Transactions</i> , 2000, 28, A44-A44.	1.6	0
28	Protein adsorption on nanoporous TiO <sub>2</sub> films: a novel approach to studying photoinduced protein/electrode transfer reactions. <i>Faraday Discussions</i> , 2000, 116, 35-46.	1.6	87
29	Protein Adsorption on Nanocrystalline TiO <sub>2</sub> Films: An Immobilization Strategy for Bioanalytical Devices. <i>Analytical Chemistry</i> , 1998, 70, 5111-5113.	3.2	195