Agnieszka WiÈ©ckowska

List of Publications by Year
in descending order

35 papers	1,579 citations	430874 18 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	1888 citing authors

#	Article	IF	Citations
1	Tailored Lipid Monolayers Doped with Gold Nanoclusters: Surface Studies and Electrochemistry of Hybridâ€filmâ€covered Electrodes. ChemElectroChem, 2022, 9, .	3.4	6
2	Diazonium-Based Covalent Molecular Wiring of Single-Layer Graphene Leads to Enhanced Unidirectional Photocurrent Generation through the p-doping Effect. Chemistry of Materials, 2022, 34, 3744-3758.	6.7	2
3	Biosupercapacitor with an enzymatic cascade at the anode working in a sucrose solution. Biosensors and Bioelectronics, 2021, 186, 113248.	10.1	8
4	Multi-Substrate Biofuel Cell Utilizing Glucose, Fructose and Sucrose as the Anode Fuels. Nanomaterials, 2020, 10, 1534.	4.1	23
5	The influence of metal-complexing macrocycle size on intramolecular movement in rotaxanes. Dalton Transactions, 2019, 48, 6546-6557.	3.3	3
6	Towards potent but less toxic nanopharmaceuticals â€“ lipoic acid bioconjugates of ultrasmall gold nanoparticles with an anticancer drug and addressing unit. RSC Advances, 2018, 8, 14947-14957.	3.6	22
7	Size Does Matterâ€”Mediation of Electron Transfer by Gold Clusters in Bioelectrocatalysis. ChemCatChem, 2018, 10, 1988-1992.	3.7	20
8	[3]rotaxanes composed of two dibenzo-24-crown-8 ether wheels and an azamacrocyclic complex. Dalton Transactions, 2018, 47, 15845-15856.	3.3	1
9	Gold nanoparticles in bioelectrocatalysis â€“ The role of nanoparticle size. Current Opinion in Electrochemistry, 2018, 12, 113-120.	4.8	31
10	Novel ultrasensitive immunosensor based on magnetic particles for direct detection of transferrin in blood. Sensors and Actuators B: Chemical, 2017, 249, 105-113.	7.8	10
11	Rotaxanes composed of dibenzo-24-crown-8 and macrocyclic transition metal complexing tetraimine units. New Journal of Chemistry, 2017, 41, 6004-6013.	2.8	4
12	Reticulated vitreous carbon as a scaffold for enzymatic fuel cell designing. Biosensors and Bioelectronics, 2017, 95, 1-7.	10.1	18
13	Ultrasmall Au nanoparticles coated with hexanethiol and anthraquinone/hexanethiol for enzyme-catalyzed oxygen reduction. Sensors and Actuators B: Chemical, 2016, 224, 514-520.	7.8	5
14	Induced-fit binding of laccase to gold and carbon electrodes for the biological fuel cell applications. Electrochimica Acta, 2014, 126, 132-138.	5.2	18
15	Nanostructured films of in situ deprotected thioacetyl-functionalized C60-fullerenes on a gold surface. Journal of Materials Chemistry A, 2014, 2, 2353.	10.3	20
16	Structuring of supported hybrid phospholipid bilayers on electrodes with phospholipase A2. Physical Chemistry Chemical Physics, 2011, 13, 9716.	2.8	9
17	Phospholipase A2 activity on supported thiolipid monolayers monitored by electrochemical and SPR methods. Journal of Electroanalytical Chemistry, 2011, 660, 360-366.	3.8	9
18	Macrocyclic Multicenter Complexes of Nickel and Copper of Increasing Complexity. Chemistry - A European Journal, 2011, 17, 12385-12395.	3.3	7

#	Article	IF	Citations
19	Electrochemical and Conformational Consequences of Copper (Cu^I and Cu^{II}) Binding to Î²â€Amyloid(1â€“40). ChemBioChem, 2009, 10, 1045-1055.	2.6	34
20	Probing Kinase Activities by Electrochemistry, Contactâ€Angle Measurements, and Molecularâ€Force Interactions. Chemistry - A European Journal, 2008, 14, 7774-7781.	3.3	49
21	Optical Analysis of Hg²⁺ Ions by Oligonucleotideâ€“Goldâ€Nanoparticle Hybrids and DNAâ€Based Machines. Angewandte Chemie - International Edition, 2008, 47, 3927-3931.	13.8	633
22	Following protein kinase acivity by electrochemical means and contact angle measurements. Chemical Communications, 2008, , 2376.	4.1	35
23	Self-assembly of a nickel(II) pseudorotaxane nanostructure on a gold surface. Pure and Applied Chemistry, 2007, 79, 1077-1085.	1.9	12
24	Amplified electrochemical detection of DNA through the aggregation of Au nanoparticles on electrodes and the incorporation of methylene blue into the DNA-crosslinked structure. Chemical Communications, 2007, , 3544.	4.1	106
25	Electrochemical control of surface properties using a quinone-functionalized monolayer: effects of donorâ€“acceptor complexes. Chemical Communications, 2007, , 3918.	4.1	21
26	Tuning the Properties of Neutral Tetraazamacrocyclic Complexes of Copper(II) and Nickel(II) for Use as Hostâ€“Guest Compounds with Bismacrocyclic Transition Metal Cations. European Journal of Inorganic Chemistry, 2007, 2007, 172-185.	2.0	18
27	Fine-Tuning of Properties of Bismacrocyclic Dinuclear Cyclidene Receptors byN-Methylation. Chemistry - A European Journal, 2006, 12, 2967-2981.	3.3	26
28	Detection of Intramolecular Interactions and Molecular Motion in Catenanes by Pulse Voltammetry Methods. Electroanalysis, 2005, 17, 1463-1470.	2.9	12
29	An Electrochemically Controlled Molecular Shuttle. Angewandte Chemie - International Edition, 2004, 43, 1668-1672.	13.8	81
30	Intermetallic Interactions in Face-to-Face Homo- and Heterodinuclear Bismacrocyclic Complexes of Copper(II) and Nickel(II). Inorganic Chemistry, 2003, 42, 5513-5522.	4.0	32
31	Novel [2]Catenane Structures Introducing Communication between Transition Metal Centers via Ï€Â·Â·Â·Ï€ Interactions. Journal of the American Chemical Society, 2001, 123, 9356-9366.	13.7	71
32	Ferrocene-modified oligopeptide as model compound for charge-transfer interactions with organic electron acceptors. Materials Science and Engineering C, 2001, 18, 121-124.	7.3	4
33	Neutral Ni(II) and Cu(II) complexes of tetraazatetraenemacrocyles. Journal of Physical Organic Chemistry, 2001, 14, 63-73.	1.9	24
34	A novel polynuclear donor complex based on helical peptides with aligned electroactive moieties. Chemical Physics Letters, 2001, 350, 447-452.	2.6	16
35	Structure and Nonadditive Voltammetric Properties of Face-to-Face Bismacrocyclic NiIIReceptors in Complexes with Small Organic Guests. Journal of Physical Chemistry B, 2000, 104, 11430-11434.	2.6	13