

Agnieszka WiÈ©ckowska

List of Publications by Year in descending order

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35
papers

1,579
citations

430874

18
h-index

345221

36
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38
all docs

38
docs citations

38
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Analysis of Hg ²⁺ Ions by Oligonucleotide-Gold Nanoparticle Hybrids and DNA-Based Machines. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3927-3931.	13.8	633
2	Amplified electrochemical detection of DNA through the aggregation of Au nanoparticles on electrodes and the incorporation of methylene blue into the DNA-crosslinked structure. <i>Chemical Communications</i> , 2007, , 3544.	4.1	106
3	An Electrochemically Controlled Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1668-1672.	13.8	81
4	Novel [2]Catenane Structures Introducing Communication between Transition Metal Centers via π - π Interactions. <i>Journal of the American Chemical Society</i> , 2001, 123, 9356-9366.	13.7	71
5	Probing Kinase Activities by Electrochemistry, Contact Angle Measurements, and Molecular Force Interactions. <i>Chemistry - A European Journal</i> , 2008, 14, 7774-7781.	3.3	49
6	Following protein kinase activity by electrochemical means and contact angle measurements. <i>Chemical Communications</i> , 2008, , 2376.	4.1	35
7	Electrochemical and Conformational Consequences of Copper (Cu ^I and Cu ^{II}) Binding to β -Amyloid(1-40). <i>ChemBioChem</i> , 2009, 10, 1045-1055.	2.6	34
8	Intermetallic Interactions in Face-to-Face Homo- and Heterodinuclear Bismacrocylic Complexes of Copper(II) and Nickel(II). <i>Inorganic Chemistry</i> , 2003, 42, 5513-5522.	4.0	32
9	Gold nanoparticles in bioelectrocatalysis - The role of nanoparticle size. <i>Current Opinion in Electrochemistry</i> , 2018, 12, 113-120.	4.8	31
10	Fine-Tuning of Properties of Bismacrocylic Dinuclear Cyclidene Receptors by N-Methylation. <i>Chemistry - A European Journal</i> , 2006, 12, 2967-2981.	3.3	26
11	Neutral Ni(II) and Cu(II) complexes of tetraazatetraenemacrocycles. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 63-73.	1.9	24
12	Multi-Substrate Biofuel Cell Utilizing Glucose, Fructose and Sucrose as the Anode Fuels. <i>Nanomaterials</i> , 2020, 10, 1534.	4.1	23
13	Towards potent but less toxic nanopharmaceuticals - lipoic acid bioconjugates of ultrasmall gold nanoparticles with an anticancer drug and addressing unit. <i>RSC Advances</i> , 2018, 8, 14947-14957.	3.6	22
14	Electrochemical control of surface properties using a quinone-functionalized monolayer: effects of donor-acceptor complexes. <i>Chemical Communications</i> , 2007, , 3918.	4.1	21
15	Nanostructured films of in situ deprotected thioacetyl-functionalized C60-fullerenes on a gold surface. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2353.	10.3	20
16	Size Does Matter - Mediation of Electron Transfer by Gold Clusters in Bioelectrocatalysis. <i>ChemCatChem</i> , 2018, 10, 1988-1992.	3.7	20
17	Tuning the Properties of Neutral Tetraazamacrocyclic Complexes of Copper(II) and Nickel(II) for Use as Host-Guest Compounds with Bismacrocylic Transition Metal Cations. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 172-185.	2.0	18
18	Induced-fit binding of laccase to gold and carbon electrodes for the biological fuel cell applications. <i>Electrochimica Acta</i> , 2014, 126, 132-138.	5.2	18

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19	Reticulated vitreous carbon as a scaffold for enzymatic fuel cell designing. <i>Biosensors and Bioelectronics</i> , 2017, 95, 1-7.	10.1	18
20	A novel polynuclear donor complex based on helical peptides with aligned electroactive moieties. <i>Chemical Physics Letters</i> , 2001, 350, 447-452.	2.6	16
21	Structure and Nonadditive Voltammetric Properties of Face-to-Face Bismacrocylic Ni(II) Receptors in Complexes with Small Organic Guests. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11430-11434.	2.6	13
22	Detection of Intramolecular Interactions and Molecular Motion in Catenanes by Pulse Voltammetry Methods. <i>Electroanalysis</i> , 2005, 17, 1463-1470.	2.9	12
23	Self-assembly of a nickel(II) pseudorotaxane nanostructure on a gold surface. <i>Pure and Applied Chemistry</i> , 2007, 79, 1077-1085.	1.9	12
24	Novel ultrasensitive immunosensor based on magnetic particles for direct detection of transferrin in blood. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 105-113.	7.8	10
25	Structuring of supported hybrid phospholipid bilayers on electrodes with phospholipase A2. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9716.	2.8	9
26	Phospholipase A2 activity on supported thiolipid monolayers monitored by electrochemical and SPR methods. <i>Journal of Electroanalytical Chemistry</i> , 2011, 660, 360-366.	3.8	9
27	Biosupercapacitor with an enzymatic cascade at the anode working in a sucrose solution. <i>Biosensors and Bioelectronics</i> , 2021, 186, 113248.	10.1	8
28	Macrocylic Multicenter Complexes of Nickel and Copper of Increasing Complexity. <i>Chemistry - A European Journal</i> , 2011, 17, 12385-12395.	3.3	7
29	Tailored Lipid Monolayers Doped with Gold Nanoclusters: Surface Studies and Electrochemistry of Hybrid Covered Electrodes. <i>ChemElectroChem</i> , 2022, 9, .	3.4	6
30	Ultrasmall Au nanoparticles coated with hexanethiol and anthraquinone/hexanethiol for enzyme-catalyzed oxygen reduction. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 514-520.	7.8	5
31	Ferrocene-modified oligopeptide as model compound for charge-transfer interactions with organic electron acceptors. <i>Materials Science and Engineering C</i> , 2001, 18, 121-124.	7.3	4
32	Rotaxanes composed of dibenzo-24-crown-8 and macrocyclic transition metal complexing tetraamine units. <i>New Journal of Chemistry</i> , 2017, 41, 6004-6013.	2.8	4
33	The influence of metal-complexing macrocycle size on intramolecular movement in rotaxanes. <i>Dalton Transactions</i> , 2019, 48, 6546-6557.	3.3	3
34	Diazonium-Based Covalent Molecular Wiring of Single-Layer Graphene Leads to Enhanced Unidirectional Photocurrent Generation through the p-doping Effect. <i>Chemistry of Materials</i> , 2022, 34, 3744-3758.	6.7	2
35	[3]rotaxanes composed of two dibenzo-24-crown-8 ether wheels and an azamacrocyclic complex. <i>Dalton Transactions</i> , 2018, 47, 15845-15856.	3.3	1