PaweÅ, KrysiÅ„ski

List of Publications by Year
in descending order

76 papers	1,945 citations	236833 25 h-index	289141 40 g-index
77 all docs	77 docs citations	77 times ranked	2655 citing authors

#	Article	IF	Citations
1	New trends in the electrochemical sensing of dopamine. Analytical and Bioanalytical Chemistry, 2013, 405, 3753-3771.	1.9	373
2	Three-probe voltammetric characterisation of octadecanethiol self-assembled monolayer integrity on gold electrodes. Journal of Electroanalytical Chemistry, 1997, 424, 61-67.	1.9	80
3	Adsorption of Doxorubicin onto Citrate-Stabilized Magnetic Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 5598-5609.	1.5	58
4	Monoolein Cubic Phase Gels and Cubosomes Doped with Magnetic Nanoparticlesâ€“Hybrid Materials for Controlled Drug Release. ACS Applied Materials & Interfaces, 2017, 9, 2796-2805.	4.0	55
5	Trastuzumab Conjugated Superparamagnetic Iron Oxide Nanoparticles Labeled with 225Ac as a Perspective Tool for Combined Î±-Radioimmunotherapy and Magnetic Hyperthermia of HER2-Positive Breast Cancer. Molecules, 2020, 25, 1025.	1.7	55
6	A voltammetric study of monolayers and bilayers self-assembled on metal electrodes. Electrochimica Acta, 2000, 45, 1885-1892.	2.6	49
7	Partial Electron Transfer in Octadecanethiol Binding to Gold. Langmuir, 1994, 10, 4286-4294.	1.6	44
8	Use of Zirconiumâ^'Phosphateâ^'Carbonate Chemistry to Immobilize Polycyclic Aromatic Hydrocarbons on Boron-Doped Diamond. Langmuir, 2005, 21, 8802-8808.	1.6	43
9	Tetracycline Photocatalytic Degradation under CdS Treatment. Journal of Marine Science and Engineering, 2020, 8, 483.	1.2	41
10	Probing Interfacial Organization in Surface Monolayers Using Tethered Pyrene. 1. Structural Mediation of Electron and Proton Access to Adsorbates. Journal of Physical Chemistry B, 2005, 109, 15812-15821.	1.2	40
11	Photoinduced Reactivity of Doxorubicin: Catalysis and Degradation. Journal of Physical Chemistry A, 2012, 116, 4330-4337.	1.1	40
12	Progress in Targeting Tumor Cells by Using Drug-Magnetic Nanoparticles Conjugate. Biomacromolecules, 2013, 14, 828-833.	2.6	36
13	Encapsulation of laccase in a conducting polymer matrix: A simple route towards polypyrrole microcontainers. Synthetic Metals, 2009, 159, 1731-1738.	2.1	35
14	Polypyrrole microcapsules as a transducer for ion-selective electrodes. Electrochemistry Communications, 2010, 12, 1568-1571.	2.3	35
15	Covalently Immobilized 1,4-Phenylenediamine on 11-Mercaptoundecanoic Acid-Coated Gold:Â Effect of Surface-Confined Monomers on the Chemical in Situ Deposition of Polyaniline and Its Derivatives. Langmuir, 2001, 17, 7093-7101.	1.6	34
16	Magnetoliposomes as Potential Carriers of Doxorubicin to Tumours. Chemistry - A European Journal, 2016, 22, 17715-17724.	1.7	31
17	Synthesis and functionalization of magnetic nanoparticles with covalently bound electroactive compound doxorubicin. Electrochimica Acta, 2009, 54, 5065-5070.	2.6	30
18	Influence of a Magnetic Nanoparticle As a Drug Carrier on the Activity of Anticancer Drugs: Interactions of Double Stranded DNA and Doxorubicin Modified with a Carrier. Analytical Chemistry, 2009, 81, 7474-7483.	3.2	30

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19	Photopolymerized Polypyrrole Microvessels. Chemistry - A European Journal, 2012, 18, 310-320.	1.7	30
20	Easy Synthesis and Characterization of Holmium-Doped SPIONs. Nanomaterials, 2018, 8, 430.	1.9	30
21	Polymer sandwiches: polyaniline films deposited on thiol-coated gold by chemical in situ method. Thin Solid Films, 2001, 396, 131-137.	0.8	27
22	Bulk- and surface-initiated chemical in situ polymerisation of 2,5-dimethoxyaniline and 2-methoxyaniline on thiol-coated gold electrodes. Electrochimica Acta, 2001, 46, 3963-3971.	2.6	27
23	A self-powered biosensing device with an integrated hybrid biofuel cell for intermittent monitoring of analytes. Biosensors and Bioelectronics, 2018, 102, 383-388.	5.3	27
24	Interactions of Doxorubicin with Self-Assembled Monolayer-Modified Electrodes: Electrochemical, Surface Plasmon Resonance (SPR), and Gravimetric Studies. Langmuir, 2011, 27, 1100-1107.	1.6	26
25	Electrochemical deposition of poly(o-anisidine) and polypyrrole at octadecanethiol coated gold electrodes. Thin Solid Films, 1998, 330, 167-172.	0.8	25
26	Magnetic field-assisted selective delivery of doxorubicin to cancer cells using magnetoliposomes as drug nanocarriers. Nanotechnology, 2019, 30, 315101.	1.3	25
27	Lanthanide-Doped SPIONs Bioconjugation with Trastuzumab for Potential Multimodal Anticancer Activity and Magnetic Hyperthermia. Nanomaterials, 2020, 10, 288.	1.9	25
28	Capacitance characteristics of self-assembled monolayers on gold electrode. Bioelectrochemistry, 1998, 44, 163-168.	1.0	23
29	Photocatalytic Degradation of Antibiotics by Superparamagnetic Iron Oxide Nanoparticles. Tetracycline Case. Catalysts, 2021, 11, 1243.	1.6	23
30	Tyrosine side chains as an electrochemical probe of stacked Î²-sheet protein conformations. Bioelectrochemistry, 2008, 72, 34-40.	2.4	22
31	Synthesis and Characterization of Amphiphilic Biomimetic Assemblies at Electrochemically Active Surfaces. Langmuir, 2003, 19, 3875-3882.	1.6	21
32	Incorporation of Na+,K+-ATP-ase into the Thiolipid Biomimetic Assemblies via the Fusion of Proteoliposomes. Langmuir, 2004, 20, 11127-11133.	1.6	21
33	Electrochemical Preparation of Conducting Polymer Microelectrodes. Journal of Physical Chemistry B, 2002, 106, 10349-10354.	1.2	20
34	Gauging Molecular Interactions between Substrates and Adsorbates. Substrate Mediation of Surface-Bound Chromophore Vibronic Coupling. Journal of Physical Chemistry B, 2003, 107, 4100-4106.	1.2	20
35	Covalent Adlayer Growth on a Diamond Thin Film Surface. Journal of the American Chemical Society, 2003, 125, 12726-12728.	6.6	20
36	Comparative Study of the Electrodeposition of Poly(3-octylthiophene) Films on Gold Electrodes:Â Bare and Modified with Dodecanethiol Monomolecular Layer. Langmuir, 2000, 16, 7962-7967.	1.6	19

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37	Electrochemical studies of blocking properties of solid supported tethered lipid membranes on gold. Bioelectrochemistry, 2002, 56, 179-184.	2.4	19
38	Incorporation of redox molecules into the monolayer modified electrodes. Materials Science and Engineering C, 1999, 8-9, 551-557.	3.8	17
39	Magnetic-Nanoparticle-Decorated Polypyrrole Microvessels: Toward Encapsulation of mRNA Cap Analogues. Biomacromolecules, 2013, 14, 1867-1876.	2.6	17
40	Hybrid Radiobioconjugated Superparamagnetic Iron Oxide-Based Nanoparticles for Multimodal Cancer Therapy. Pharmaceutics, 2021, 13, 1843.	2.0	17
41	Design and Characterization of Novel Tether Layer for Coupling of a Bilayer Lipid Membrane to the Surface of Gold. Langmuir, 2009, 25, 9337-9345.	1.6	16
42	Pyrene-Loaded Polypyrrole Microvessels. Langmuir, 2011, 27, 12720-12729.	1.6	16
43	Lipidic Liquid Crystalline Cubic Phases and Magnetocubosomes as Methotrexate Carriers. Nanomaterials, 2019, 9, 636.	1.9	16
44	Functionalisation of monolayer-modified electrodes by covalent coupling of o-phenylenediamine monomer molecules. Electrochimica Acta, 2000, 46, 231-237.	2.6	15
45	Redox reactions on TCNQ-modified self-assembled monomolecular films. Advanced Materials for Optics and Electronics, 1998, 8, 121-128.	0.5	14
46	Solid-core and hollow magnetic nanostructures: Synthesis, surface modifications and biological applications. Bioelectrochemistry, 2013, 93, 2-14.	2.4	14
47	Probing the interactions of mitoxantrone with biomimetic membranes with electrochemical and spectroscopic techniques. Electrochimica Acta, 2015, 165, 430-442.	2.6	14
48	Synthesis and characterization of Gd3+- and Tb3+-doped iron oxide nanoparticles for possible endoradiotherapy and hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 479, 50-58.	1.0	14
49	Toluene-Filled Polypyrrole Microvessels: Entrapment and Dynamics of Encapsulated Perylene. Journal of Physical Chemistry B, 2010, 114, 14890-14896.	1.2	13
50	Interactions of Doxorubicin with Organized Interfacial Assemblies. 1. Electrochemical Characterization. Langmuir, 2013, 29, 14560-14569.	1.6	13
51	Magnetic-field-induced orientation of fructose dehydrogenase on iron oxide nanoparticles for enhanced direct electron transfer. Electrochemistry Communications, 2018, 93, 66-70.	2.3	13
52	Voltammetric studies of electron-conducting modified bilayer lipid membranes. Bioelectrochemistry, 1986, 16, 185-191.	1.0	12
53	Covalently and ionically immobilised monomers on the gold surface. Synthetic Metals, 2004, 140, 29-35.	2.1	12
54	Interrogating Interfacial Organization in Planar Bilayer Structures. Langmuir, 2008, 24, 8785-8793.	1.6	12

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55	Synthesis and Characterization of Magnetic Drug Carriers Modified with Tb3+ Ions. Nanomaterials, 2022, 12, 795.	1.9	12
56	Physicochemical properties and in vitro cytotoxicity of iron oxide-based nanoparticles modified with antiangiogenic and antitumor peptide A7R. Journal of Nanoparticle Research, 2017, 19, 160.	0.8	11
57	Methods of Measuring Mitochondrial Potassium Channels: A Critical Assessment. International Journal of Molecular Sciences, 2022, 23, 1210.	1.8	11
58	Structure-Dependent Complexation of Fe3+by Anthracyclines. 1. The Importance of Pendent Hydroxyl Functionality. Journal of Physical Chemistry B, 2013, 117, 6859-6867.	1.2	10
59	Preparation of ultrathin films of polyaniline and its derivatives by electrochemical deposition on thiol modified gold. Journal of Electroanalytical Chemistry, 2002, 533, 145-152.	1.9	9
60	Probing Interfacial Organization in Surface Monolayers Using Tethered Pyrene. 2. Spectroscopy and Motional Freedom of the Adsorbates. Journal of Physical Chemistry B, 2005, 109, 15822-15827.	1.2	9
61	Partitioning of doxorubicin into Langmuir and Langmuirâ€“Blodgett biomimetic mixed monolayers: Electrochemical and spectroscopic studies. Journal of Electroanalytical Chemistry, 2013, 710, 59-69.	1.9	9
62	Interactions of Doxorubicin with Organized Interfacial Assemblies. 2. Spectroscopic Characterization. Langmuir, 2013, 29, 14570-14579.	1.6	9
63	Hydrophilic iron oxide nanoparticles probe the organization of biomimetic layers: electrochemical and spectroscopic evidence. Electrochimica Acta, 2016, 209, 671-681.	2.6	9
64	Spectroscopic and electrochemical characterization of interfacial biomimetic assemblies on electrochemically generated gold oxide surfaces. Bioelectrochemistry, 2005, 66, 71-77.	2.4	8
65	Structure-Dependent Complexation of Fe³⁺ by Anthracyclines. 2. The Roles of Methoxy and Daunosamine Functionalities. Journal of Physical Chemistry B, 2013, 117, 6868-6873.	1.2	8
66	Photosensitive Thin Films Based on Drop Cast and Langmuir-Blodgett Hydrophilic and Hydrophobic CdS Nanoparticles. Nanomaterials, 2020, 10, 2437.	1.9	7
67	Electrochemical properties of the cell membrane-electrolyte solution interface from microelectrophoretic and contact potential difference measurements. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1979, 100, 71-76.	0.3	6
68	Doxorubicin is a photocatalyst for the generation of H2O2. RSC Advances, 2012, 2, 4059.	1.7	6
69	Synthesis and Characterization of Tbâ€Doped Nanoferrites. ChemNanoMat, 2018, 4, 231-242.	1.5	5
70	Electrochemical properties of bilayer lipid membranes modified with metal porphyrins. Bioelectrochemistry, 1990, 23, 93-100.	1.0	3
71	Redox reactions on modified bilayer lipid membranes for biosensing device. Advanced Materials for Optics and Electronics, 1993, 2, 107-113.	0.5	3
72	Design, synthesis and characterization of monomolecular interfacial layers. Bioelectrochemistry, 2005, 66, 9-21.	2.4	2

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73	The EcCLC antiporter embedded in lipidic liquid crystalline films â€“ molecular dynamics simulations and electrochemical methods. Physical Chemistry Chemical Physics, 2022, 24, 3066-3077.	1.3	2
74	Kinetic model of quaternary ammonium cation transport through the human red blood cell membrane/electrolyte solution interface in vitro. Bioelectrochemistry, 1990, 23, 129-139.	1.0	0
75	Electrochemical properties of bilayer lipid membranes modified with metal porphyrins. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 298, 93-100.	0.3	0
76	Immobilization of Laccase on Conducting Substrates by Zirconium--Phosphonate-Carboxylate Coordination Chemistry. ECS Meeting Abstracts, 2006, , .	0.0	0