

Joanna Juhaniewicz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spin Filtering in Electron Transport Through Chiral Oligopeptides. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14542-14547.	3.1	171
2	Atomic Force Microscopy and Electrochemical Studies of Melittin Action on Lipid Bilayers Supported on Gold Electrodes. <i>Electrochimica Acta</i> , 2015, 162, 53-61.	5.2	35
3	Electron Transfer Across α -Helical Peptide Monolayers: Importance of Interchain Coupling. <i>Langmuir</i> , 2012, 28, 17287-17294.	3.5	34
4	Electron Transport Mediated by Peptides Immobilized on Surfaces. <i>Israel Journal of Chemistry</i> , 2015, 55, 645-660.	2.3	32
5	Mechanism of Lipid Vesicles Spreading and Bilayer Formation on a Au(111) Surface. <i>Langmuir</i> , 2015, 31, 11012-11019.	3.5	30
6	Peptide molecular junctions: Distance dependent electron transmission through oligoprolines. <i>Bioelectrochemistry</i> , 2012, 87, 21-27.	4.6	24
7	Water Structure in the Submembrane Region of a Floating Lipid Bilayer: The Effect of an Ion Channel Formation and the Channel Blocker. <i>Langmuir</i> , 2020, 36, 409-418.	3.5	23
8	Interaction of Cecropin B with Zwitterionic and Negatively Charged Lipid Bilayers Immobilized at Gold Electrode Surface. <i>Electrochimica Acta</i> , 2016, 204, 206-217.	5.2	22
9	Interaction of Melittin with Negatively Charged Lipid Bilayers Supported on Gold Electrodes. <i>Electrochimica Acta</i> , 2016, 197, 336-343.	5.2	22
10	Physicochemical Characterization of Daptomycin Interaction with Negatively Charged Lipid Membranes. <i>Langmuir</i> , 2020, 36, 5324-5335.	3.5	22
11	pH dependence of daunorubicin interactions with model DMPC:Cholesterol membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 295-303.	5.0	20
12	Characterization of planar biomimetic lipid films composed of phosphatidylethanolamines and phosphatidylglycerols from <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 475-483.	2.6	20
13	Modulation of Activity of Ultrashort Lipopeptides toward Negatively Charged Model Lipid Films. <i>Langmuir</i> , 2017, 33, 4619-4627.	3.5	19
14	Peptide molecular junctions: Electron transmission through individual amino acid residues. <i>Journal of Electroanalytical Chemistry</i> , 2010, 649, 83-88.	3.8	18
15	Physicochemical and Biological Characterization of Novel Membrane-Active Cationic Lipopeptides with Antimicrobial Properties. <i>Langmuir</i> , 2020, 36, 12900-12910.	3.5	15
16	An <i>in situ</i> spectroelectrochemical study on the orientation changes of an [Fe ⁱⁱⁱ L ^{N2O3}] metallosurfactant deposited as LB Films on gold electrode surfaces. <i>Dalton Transactions</i> , 2018, 47, 14218-14226.	3.3	14
17	Effect of Interfacial Water on the Nanomechanical Properties of Negatively Charged Floating Bilayers Supported on Gold Electrodes. <i>Langmuir</i> , 2019, 35, 9422-9429.	3.5	14
18	The shape of lipid molecules affects potential-driven molecular-scale rearrangements in model cell membranes on electrodes. <i>Bioelectrochemistry</i> , 2020, 132, 107443.	4.6	11

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19	Lipopeptide-induced changes in permeability of solid supported bilayers composed of bacterial membrane lipids. <i>Journal of Electroanalytical Chemistry</i> , 2018, 812, 227-234.	3.8	10
20	Diverse effect of cationic lipopeptide on negatively charged and neutral lipid bilayers supported on gold electrodes. <i>Electrochimica Acta</i> , 2019, 298, 735-744.	5.2	10
21	Electron Transport and a Rectifying Effect of Oligoureia Foldamer Films Entrapped within Nanoscale Junctions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1136-1141.	3.1	6
22	Self-assembly of phosphorylated dihydroceramide at Au(111) electrode surface. <i>Materials Chemistry and Physics</i> , 2017, 186, 212-219.	4.0	1
23	The use of EQCM for setting the optimum conditions of the determination of Pd ²⁺ ions via its palladium-histidine complex. <i>Electrochimica Acta</i> , 2021, 368, 137599.	5.2	1