

Gyula Jagerszki

List of Publications by Year in descending order

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14
papers

435
citations

840776

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1058476

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docs citations

15
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybridization-Modulated Ion Fluxes through Peptide-Nucleic-Acid- Functionalized Gold Nanotubes. A New Approach to Quantitative Label-Free DNA Analysis. <i>Nano Letters</i> , 2007, 7, 1609-1612.	9.1	92
2	Solidâ€State Ion Channels for Potentiometric Sensing. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1656-1659.	13.8	72
3	Ionophoreâ€gold nanoparticle conjugates for Ag ⁺ -selective sensors with nanomolar detection limit. <i>Chemical Communications</i> , 2010, 46, 607-609.	4.1	55
4	Vectorially Imprinted Hybrid Nanofilm for Acetylcholinesterase Recognition. <i>Advanced Functional Materials</i> , 2015, 25, 5178-5183.	14.9	51
5	Ionâ€Selective Electrodes Based on Hydrophilic Ionophoreâ€Modified Nanopores. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4752-4755.	13.8	41
6	Nernstâ€Planck/Poisson model for the potential response of permselective gold nanopores. <i>Electrochimica Acta</i> , 2012, 73, 70-77.	5.2	23
7	Potentiometric sensing of nucleic acids using chemically modified nanopores. <i>Nanoscale</i> , 2017, 9, 739-747.	5.6	20
8	Synthesis and Characterization of a Novel, Colored Lipophilic Additive for Spectral Imaging the Transport in Ionophore Based Ion-Selective Membranes. <i>Electroanalysis</i> , 2006, 18, 1396-1407.	2.9	19
9	Ionâ€Selective Electrodes Based on Hydrophilic Ionophoreâ€Modified Nanopores. <i>Angewandte Chemie</i> , 2018, 130, 4842-4845.	2.0	16
10	Click synthesis of triazole-linked calix[4]arene ionophores. Potentiometric and ESI-MS screening of ion-selectivity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 207-215.	1.6	12
11	Bioâ€Electrosynthesis of Vectorially Imprinted Polymer Nanofilms for Cytochrome P450cam. <i>ChemElectroChem</i> , 2019, 6, 1818-1823.	3.4	8
12	Microfabricated Amperometric Cells for Multicomponent Analysis. <i>Electroanalysis</i> , 2009, 21, 1944-1954.	2.9	7
13	Nanoparticle displacement assay with electrochemical nanopore-based sensors. <i>Electrochemistry Communications</i> , 2016, 71, 13-17.	4.7	7
14	Biomimetic Sensors: Vectorially Imprinted Hybrid Nanofilm for Acetylcholinesterase Recognition (<i>Adv. Funct. Mater.</i> 32/2015). <i>Advanced Functional Materials</i> , 2015, 25, 5078-5078.	14.9	0