

Martin Bartosik

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

1,311
citations

15
h-index

36
g-index

42
ext. papers

1,471
ext. citations

7.9
avg, IF

4.97
L-index

#	Paper	IF	Citations
38	Electrochemical LAMP-based assay for detection of RNA biomarkers in prostate cancer. <i>Talanta</i> , 2022 , 238, 123064	6.2	3
37	New Trends in the Detection of Gynecological Precancerous Lesions and Early-Stage Cancers.. <i>Cancers</i> , 2021 , 13,	6.6	1
36	Electrochemical bioassay coupled to LAMP reaction for determination of high-risk HPV infection in crude lysates. <i>Analytica Chimica Acta</i> , 2021 , 1187, 339145	6.6	3
35	DNA Methylation in Solid Tumors: Functions and Methods of Detection. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
34	Application of an electrochemical LAMP-based assay for screening of HPV16/HPV18 infection in cervical samples. <i>Analytical Methods</i> , 2020 , 12, 822-829	3.2	3
33	Enhanced Intracellular Accumulation and Cytotoxicity of Ferrocene-Ruthenium Arene Conjugates. <i>ChemPlusChem</i> , 2020 , 85, 1034-1043	2.8	0
32	A novel zinc finger protein-based amperometric biosensor for miRNA determination. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 5031-5041	4.4	14
31	Ferrocenes as new anticancer drug candidates: Determination of the mechanism of action. <i>European Journal of Pharmacology</i> , 2020 , 867, 172825	5.3	10
30	Electrochemical analysis of nucleic acids as potential cancer biomarkers. <i>Current Opinion in Electrochemistry</i> , 2019 , 14, 96-103	7.2	21
29	The role of miR-409-3p in regulation of HPV16/18-E6 mRNA in human cervical high-grade squamous intraepithelial lesions. <i>Antiviral Research</i> , 2019 , 163, 185-192	10.8	8
28	Intrinsic Electrocatalysis of RNA as a Label-free and Reagent-less Tool for Detection of MicroRNAs. <i>Electroanalysis</i> , 2019 , 31, 1895-1900	3	2
27	Ferrocenes as Potential Anticancer Drugs: Determination of the Mechanism of Action. <i>Proceedings (mdpi)</i> , 2019 , 22, 16	0.3	1
26	Long Non-Coding RNAs - Current Methods of Detection and Clinical Applications. <i>Klinicka Onkologie</i> , 2019 , 32, 65-71	2	3
25	Multiplexed Immunosensing Platform Coupled to Hybridization Chain Reaction for Electrochemical Determination of MicroRNAs in Clinical Samples. <i>Electroanalysis</i> , 2019 , 31, 293-302	3	21
24	Intrinsic Electrocatalysis in DNA. <i>ChemElectroChem</i> , 2018 , 5, 936-942	4.3	10
23	Electrochemistry and electron paramagnetic resonance spectroscopy of cytochrome c and its heme-disrupted analogs. <i>Bioelectrochemistry</i> , 2018 , 119, 136-141	5.6	8
22	Genomagnetic LAMP-based electrochemical test for determination of high-risk HPV16 and HPV18 in clinical samples. <i>Analytica Chimica Acta</i> , 2018 , 1042, 37-43	6.6	16

21	Magnetic bead-based electrochemical assay for determination of DNA methyltransferase activity. <i>Electrochimica Acta</i> , 2017 , 231, 575-581	6.7	8
20	Bioelectrochemistry of nucleic acids for early cancer diagnostics. Analysis of DNA methylation and detection of microRNAs. <i>Reviews in Analytical Chemistry</i> , 2017 , 36,	2.3	5
19	Portable Lock-in Amplifier-Based Electrochemical Method to Measure an Array of 64 Sensors for Point-of-Care Applications. <i>Analytical Chemistry</i> , 2017 , 89, 8731-8737	7.8	7
18	Titanocenes as Anticancer Agents: Recent Insights. <i>Medicinal Chemistry</i> , 2017 , 13, 334-344	1.8	8
17	Electrochemical chip-based genomagnetic assay for detection of high-risk human papillomavirus DNA. <i>Biosensors and Bioelectronics</i> , 2016 , 83, 300-5	11.8	27
16	Electrochemical analysis of a novel ferrocene derivative as a potential antitumor drug. <i>Analyt, The</i> , 2015 , 140, 5864-7	5	12
15	Electrochemistry of nonconjugated proteins and glycoproteins. Toward sensors for biomedicine and glycomics. <i>Chemical Reviews</i> , 2015 , 115, 2045-108	68.1	223
14	Magnetic bead-based hybridization assay for electrochemical detection of microRNA. <i>Analytica Chimica Acta</i> , 2014 , 813, 35-40	6.6	52
13	Investigation of protein FTT1103 electroactivity using carbon and mercury electrodes. Surface-inhibition approach for disulfide oxidoreductases using silver amalgam powder. <i>Analytica Chimica Acta</i> , 2014 , 830, 23-31	6.6	11
12	Adsorptive Transfer Stripping for Quick Electrochemical Determination of microRNAs in Total RNA Samples. <i>Electroanalysis</i> , 2014 , 26, 2558-2562	3	11
11	Os(VI)bipy-based electrochemical assay for detection of specific microRNAs as potential cancer biomarkers. <i>Electrochemistry Communications</i> , 2013 , 33, 55-58	5.1	36
10	Electrochemistry of nucleic acids. <i>Chemical Reviews</i> , 2012 , 112, 3427-81	68.1	521
9	Electrochemical detection of 5-methylcytosine in bisulfite-treated DNA. <i>Electrochimica Acta</i> , 2012 , 78, 75-81	6.7	18
8	Electrocatalysis in proteins, nucleic acids and carbohydrates. <i>Chemical Record</i> , 2012 , 12, 27-45	6.6	46
7	Ternary monolayers as DNA recognition interfaces for direct and sensitive electrochemical detection in untreated clinical samples. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3577-83	11.8	95
6	Square Wave Stripping Voltammetry of Unlabeled Single- and Double-Stranded DNAs. <i>Electroanalysis</i> , 2011 , 23, 1311-1319	3	13
5	Facile end-labeling of RNA with electroactive Os(VI) complexes. <i>Electrochemistry Communications</i> , 2010 , 12, 1760-1763	5.1	27
4	Detection of Abasic Sites in DNA by Electrochemical, Immunochemical and Acoustic Methods Using OsO ₄ , 2,2'-bipyridine as a Probe for Unpaired Thymine Residues. <i>Electroanalysis</i> , 2009 , 21, 295-302	3	17

3	Interaction of Biomacromolecules with Surfaces Viewed by Electrochemical Methods. <i>Electroanalysis</i> , 2009 , 21, 662-665	3	22
2	Electrochemistry of riboflavin-binding protein and its interaction with riboflavin. <i>Bioelectrochemistry</i> , 2009 , 76, 70-5	5.6	20
1	Electrochemical Detection of Proteins 2009 ,		1