

# Martin Bartosik

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4659105/martin-bartosik-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Electrochemistry of nucleic acids. <i>Chemical Reviews</i> , <b>2012</b> , 112, 3427-81	68.1	521
37	Electrochemistry of nonconjugated proteins and glycoproteins. Toward sensors for biomedicine and glycomics. <i>Chemical Reviews</i> , <b>2015</b> , 115, 2045-108	68.1	223
36	Ternary monolayers as DNA recognition interfaces for direct and sensitive electrochemical detection in untreated clinical samples. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 3577-83	11.8	95
35	Magnetic bead-based hybridization assay for electrochemical detection of microRNA. <i>Analytica Chimica Acta</i> , <b>2014</b> , 813, 35-40	6.6	52
34	Electrocatalysis in proteins, nucleic acids and carbohydrates. <i>Chemical Record</i> , <b>2012</b> , 12, 27-45	6.6	46
33	Os(VI)bipy-based electrochemical assay for detection of specific microRNAs as potential cancer biomarkers. <i>Electrochemistry Communications</i> , <b>2013</b> , 33, 55-58	5.1	36
32	Facile end-labeling of RNA with electroactive Os(VI) complexes. <i>Electrochemistry Communications</i> , <b>2010</b> , 12, 1760-1763	5.1	27
31	Electrochemical chip-based genomagnetic assay for detection of high-risk human papillomavirus DNA. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 83, 300-5	11.8	27
30	Interaction of Biomacromolecules with Surfaces Viewed by Electrochemical Methods. <i>Electroanalysis</i> , <b>2009</b> , 21, 662-665	3	22
29	Electrochemical analysis of nucleic acids as potential cancer biomarkers. <i>Current Opinion in Electrochemistry</i> , <b>2019</b> , 14, 96-103	7.2	21
28	Multiplexed Immunosensing Platform Coupled to Hybridization Chain Reaction for Electrochemical Determination of MicroRNAs in Clinical Samples. <i>Electroanalysis</i> , <b>2019</b> , 31, 293-302	3	21
27	Electrochemistry of riboflavin-binding protein and its interaction with riboflavin. <i>Bioelectrochemistry</i> , <b>2009</b> , 76, 70-5	5.6	20
26	Electrochemical detection of 5-methylcytosine in bisulfite-treated DNA. <i>Electrochimica Acta</i> , <b>2012</b> , 78, 75-81	6.7	18
25	Detection of Abasic Sites in DNA by Electrochemical, Immunochemical and Acoustic Methods Using OsO <sub>4</sub> , 2,2'-bipyridine as a Probe for Unpaired Thymine Residues. <i>Electroanalysis</i> , <b>2009</b> , 21, 295-302	3	17
24	Genomagnetic LAMP-based electrochemical test for determination of high-risk HPV16 and HPV18 in clinical samples. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1042, 37-43	6.6	16
23	A novel zinc finger protein-based amperometric biosensor for miRNA determination. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5031-5041	4.4	14
22	Square Wave Stripping Voltammetry of Unlabeled Single- and Double-Stranded DNAs. <i>Electroanalysis</i> , <b>2011</b> , 23, 1311-1319	3	13

21	Electrochemical analysis of a novel ferrocene derivative as a potential antitumor drug. <i>Analyst, The</i> , <b>2015</b> , 140, 5864-7	5	12
20	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> , <b>2014</b> , 830, 23-31	6.6	11
19	Adsorptive Transfer Stripping for Quick Electrochemical Determination of microRNAs in Total RNA Samples. <i>Electroanalysis</i> , <b>2014</b> , 26, 2558-2562	3	11
18	Intrinsic Electrocatalysis in DNA. <i>ChemElectroChem</i> , <b>2018</b> , 5, 936-942	4.3	10
17	Ferrocenes as new anticancer drug candidates: Determination of the mechanism of action. <i>European Journal of Pharmacology</i> , <b>2020</b> , 867, 172825	5.3	10
16	Magnetic bead-based electrochemical assay for determination of DNA methyltransferase activity. <i>Electrochimica Acta</i> , <b>2017</b> , 231, 575-581	6.7	8
15	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> , <b>2019</b> , 163, 185-192	10.8	8
14	Electrochemistry and electron paramagnetic resonance spectroscopy of cytochrome c and its heme-disrupted analogs. <i>Bioelectrochemistry</i> , <b>2018</b> , 119, 136-141	5.6	8
13	Titanocenes as Anticancer Agents: Recent Insights. <i>Medicinal Chemistry</i> , <b>2017</b> , 13, 334-344	1.8	8
12	Portable Lock-in Amplifier-Based Electrochemical Method to Measure an Array of 64 Sensors for Point-of-Care Applications. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 8731-8737	7.8	7
11	DNA Methylation in Solid Tumors: Functions and Methods of Detection. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
10	Bioelectrochemistry of nucleic acids for early cancer diagnostics [Analysis of DNA methylation and detection of microRNAs. <i>Reviews in Analytical Chemistry</i> , <b>2017</b> , 36,	2.3	5
9	Application of an electrochemical LAMP-based assay for screening of HPV16/HPV18 infection in cervical samples. <i>Analytical Methods</i> , <b>2020</b> , 12, 822-829	3.2	3
8	Long Non-Coding RNAs - Current Methods of Detection and Clinical Applications. <i>Klinicka Onkologie</i> , <b>2019</b> , 32, 65-71	2	3
7	Electrochemical LAMP-based assay for detection of RNA biomarkers in prostate cancer. <i>Talanta</i> , <b>2022</b> , 238, 123064	6.2	3
6	Electrochemical bioassay coupled to LAMP reaction for determination of high-risk HPV infection in crude lysates. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1187, 339145	6.6	3
5	Intrinsic Electrocatalysis of RNA as a Label-free and Reagent-less Tool for Detection of MicroRNAs. <i>Electroanalysis</i> , <b>2019</b> , 31, 1895-1900	3	2
4	Ferrocenes as Potential Anticancer Drugs: Determination of the Mechanism of Action. <i>Proceedings (mdpi)</i> , <b>2019</b> , 22, 16	0.3	1

3	Electrochemical Detection of Proteins <b>2009</b> ,		1
2	New Trends in the Detection of Gynecological Precancerous Lesions and Early-Stage Cancers.. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
1	Enhanced Intracellular Accumulation and Cytotoxicity of Ferrocene-Ruthenium Arene Conjugates. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1034-1043	2.8	0