

# Marta Jarczewska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4343051/publications.pdf>

Version: 2024-02-01

16  
papers

410  
citations

932766

10  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical aptamer-based biosensors as potential tools for clinical diagnostics. <i>Analytical Methods</i> , 2016, 8, 3861-3877.	1.3	73
2	Development of DNA aptamer-based sensor for electrochemical detection of C-reactive protein. <i>Talanta</i> , 2018, 189, 45-54.	2.9	66
3	Electrochemical oligonucleotide-based biosensor for the determination of lead ion. <i>Bioelectrochemistry</i> , 2015, 101, 35-41.	2.4	49
4	Application of DNA aptamers as sensing layers for electrochemical detection of potassium ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 37-43.	4.0	40
5	A Label-Free Electrochemical DNA Aptasensor for the Detection of Dopamine. <i>Journal of the Electrochemical Society</i> , 2016, 163, B26-B31.	1.3	39
6	Electroanalysis of pM-levels of urokinase plasminogen activator in serum by phosphorothioated RNA aptamer. <i>Analyst</i> , 2015, 140, 3794-3802.	1.7	35
7	From Small Molecules toward Whole Cells Detection: Application of Electrochemical Aptasensors in Modern Medical Diagnostics. <i>Sensors</i> , 2021, 21, 724.	2.1	22
8	The application of antibody-aptamer hybrid biosensors in clinical diagnostics and environmental analysis. <i>Analytical Methods</i> , 2020, 12, 3183-3199.	1.3	17
9	Electrochemical uranyl cation biosensor with DNA oligonucleotides as receptor layer. <i>Bioelectrochemistry</i> , 2014, 96, 1-6.	2.4	15
10	Application of RNA Aptamers as Recognition Layers for the Electrochemical Analysis of C-reactive Protein. <i>Electroanalysis</i> , 2018, 30, 658-664.	1.5	12
11	Oligonucleotide-Based Electrochemical Biosensor for Hg <sup>2+</sup> Using Methylene Blue as a Redox Indicator. <i>Journal of the Electrochemical Society</i> , 2013, 160, B152-B155.	1.3	10
12	Studies on the Development of Electrochemical Immunosensor for Detection of Diphtheria Toxoid. <i>Journal of the Electrochemical Society</i> , 2019, 166, B472-B481.	1.3	9
13	Studies on the Affinity-based Biosensors for Electrochemical Detection of HER2 Cancer Biomarker. <i>Electroanalysis</i> , 2019, 31, 1125-1134.	1.5	8
14	Electrochemical Studies on the Binding of Antibody-Aptamer Hybrid Receptor Layers to HER2 Protein. <i>Journal of the Electrochemical Society</i> , 2020, 167, 067512.	1.3	7
15	Electrochemical Studies on the Binding between Surface-Tethered DNA Aptamers and Lysozyme. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1712-B1718.	1.3	5
16	Electrochemical Detection of Chromium(VI): Induced DNA Damage. <i>Journal of the Electrochemical Society</i> , 2015, 162, B326-B331.	1.3	3