

# Paulina D Rakowska

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

617  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic significance of biofilms: a multidisciplinary and cross-sectoral challenge. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	6.4	86
2	Method for Molecular Layer Deposition Using Gas Cluster Ion Beam Sputtering with Example Application In Situ Matrix-Enhanced Secondary Ion Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 3436-3444.	6.5	10
3	Antiviral surfaces and coatings and their mechanisms of action. <i>Communications Materials</i> , 2021, 2, .	6.9	149
4	Cryo-OrbiSIMS for 3D Molecular Imaging of a Bacterial Biofilm in Its Native State. <i>Analytical Chemistry</i> , 2020, 92, 9008-9015.	6.5	37
5	High-resolution sub-cellular imaging by correlative NanoSIMS and electron microscopy of amiodarone internalisation by lung macrophages as evidence for drug-induced phospholipidosis. <i>Chemical Communications</i> , 2017, 53, 1506-1509.	4.1	42
6	A Novel Hybrid Dual Analyzer SIMS Instrument for Improved Surface and 3D-Analysis. <i>Microscopy and Microanalysis</i> , 2016, 22, 340-341.	0.4	7
7	Semiempirical Rules To Determine Drug Sensitivity and Ionization Efficiency in Secondary Ion Mass Spectrometry Using a Model Tissue Sample. <i>Analytical Chemistry</i> , 2016, 88, 11028-11036.	6.5	15
8	Determination of the sputtering yield of cholesterol using Ar <sup>n+</sup> and C60 <sup>(+)</sup> cluster ions. <i>Analyst</i> , 2016, 141, 4893-4901.	3.5	1
9	Uncertainty in measurement of protein circular dichroism spectra. <i>Metrologia</i> , 2014, 51, 67-79.	1.2	7
10	VAMAS Interlaboratory Study for Desorption Electrospray Ionization Mass Spectrometry (DESI MS) Intensity Repeatability and Constancy. <i>Analytical Chemistry</i> , 2014, 86, 9603-9611.	6.5	38
11	Probing label-free intracellular quantification of free peptide by MALDI-ToF mass spectrometry. <i>Methods</i> , 2014, 68, 331-337.	3.8	11
12	Nanoscale imaging reveals laterally expanding antimicrobial pores in lipid bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8918-8923.	7.1	112
13	Peptidome analysis: tools and technologies. <i>Amino Acids, Peptides and Proteins</i> , 2013, , 172-202.	0.7	0
14	Nano-enabled biomarker discovery and detection. <i>Biomarkers in Medicine</i> , 2011, 5, 387-396.	1.4	18
15	FTIR markers of methionine oxidation for early detection of oxidized protein therapeutics. <i>European Biophysics Journal</i> , 2011, 40, 339-345.	2.2	32
16	International comparability in spectroscopic measurements of protein structure by circular dichroism: CCQM-P59.1. <i>Metrologia</i> , 2010, 47, 631-641.	1.2	15
17	MiS-MALDI: microgel-selected detection of protein biomarkers by MALDI-ToF mass spectrometry. <i>Molecular BioSystems</i> , 2010, 6, 2214.	2.9	6
18	Physicochemical and biological assays for quality control of biopharmaceuticals: Interferon alfa-2 case study. <i>Biologicals</i> , 2008, 36, 383-392.	1.4	28