

# Magdalena Kaczmarska

## List of Publications by Year in descending order

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16  
papers

193  
citations

1163117

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1058476

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Analysis of Isolated and Intact RBC Membranes—A Comparison of a Semiquantitative Approach by Means of FTIR, Nano-FTIR, and Raman Spectroscopies. <i>Analytical Chemistry</i> , 2019, 91, 9867-9874.	6.5	34
2	Erythrocyte Membrane Properties in Patients with Essential Hypertension. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 1089-1102.	1.8	27
3	FTIR, Raman and AFM characterization of the clinically valid biochemical parameters of the thrombi in acute ischemic stroke. <i>Scientific Reports</i> , 2019, 9, 15475.	3.3	27
4	Irreversible alterations in the hemoglobin structure affect oxygen binding in human packed red blood cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118803.	4.1	15
5	Trends in biomedical analysis of red blood cells — Raman spectroscopy against other spectroscopic, microscopic and classical techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 146, 116481.	11.4	15
6	Age—related and atherosclerosis—related erythropathy in ApoE/LDLR <sup>-/-</sup> mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165972.	3.8	14
7	Temporal sequence of the human RBCs' vesiculation observed in nano-scale with application of AFM and complementary techniques. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102221.	3.3	11
8	Multifractal characterization of morphology of human red blood cells membrane skeleton. <i>Journal of Microscopy</i> , 2016, 262, 59-72.	1.8	9
9	Sex-dependent membranopathy in stored human red blood cells. <i>Haematologica</i> , 2021, 106, 2779-2782.	3.5	9
10	Effects of low doses of gamma rays on the stability of normal and diabetic erythrocytes.. <i>Acta Biochimica Polonica</i> , 2011, 58, .	0.5	9
11	Multimodal detection and analysis of a new type of advanced Heinz body-like aggregate (AHBA) and cytoskeleton deformation in human RBCs. <i>Analyst, The</i> , 2020, 145, 1749-1758.	3.5	6
12	An Insight into the Stages of Ion Leakage during Red Blood Cell Storage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2885.	4.1	6
13	Mössbauer studies of hemoglobin in erythrocytes exposed to neutron radiation. <i>Hyperfine Interactions</i> , 2012, 206, 95-100.	0.5	4
14	The influence of very small doses of alpha radiation on the stability of erythrocytes. <i>Microscopy Research and Technique</i> , 2017, 80, 131-143.	2.2	4
15	Influence of Neutron Radiation on the Stability of the Erythrocyte Membrane and an Oxyhemoglobin Formation — Petkau Effect Studies. <i>Acta Physica Polonica B</i> , 2016, 47, 425.	0.8	2
16	Sex-Specific Differences of Adenosine Triphosphate Levels in Red Blood Cells Isolated From ApoE/LDLR Double-Deficient Mice. <i>Frontiers in Physiology</i> , 2022, 13, 839323.	2.8	1