

# Marta Targosz-Korecka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/311323/publications.pdf>

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16  
papers

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citations

759233

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docs citations

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times ranked

635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating ectosomes: Determination of angiogenic microRNAs in type 2 diabetes. <i>Theranostics</i> , 2018, 8, 3874-3890.	10.0	67
2	Elasticity changes anti-correlate with NO production for human endothelial cells stimulated with TNF- $\alpha$ . <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 487-496.	2.8	50
3	AFM-based detection of glycocalyx degradation and endothelial stiffening in the db/db mouse model of diabetes. <i>Scientific Reports</i> , 2017, 7, 15951.	3.3	44
4	Endothelial glycocalyx shields the interaction of SARS-CoV-2 spike protein with ACE2 receptors. <i>Scientific Reports</i> , 2021, 11, 12157.	3.3	32
5	Stiffness memory of EA.hy926 endothelial cells in response to chronic hyperglycemia. <i>Cardiovascular Diabetology</i> , 2013, 12, 96.	6.8	29
6	Nano-mechanical model of endothelial dysfunction for AFM-based diagnostics at the cellular level. <i>Pharmacological Reports</i> , 2015, 67, 728-735.	3.3	25
7	Metformin attenuates adhesion between cancer and endothelial cells in chronic hyperglycemia by recovery of the endothelial glycocalyx barrier. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129533.	2.4	21
8	The impact of hyperglycemia on adhesion between endothelial and cancer cells revealed by single-cell force spectroscopy. <i>Journal of Molecular Recognition</i> , 2017, 30, e2628.	2.1	19
9	Morphological and nanomechanical changes in mechanosensitive endothelial cells induced by colloidal AFM probes. <i>Scanning</i> , 2016, 38, 654-664.	1.5	18
10	Temporal relationship between systemic endothelial dysfunction and alterations in erythrocyte function in a murine model of chronic heart failure. <i>Cardiovascular Research</i> , 2022, 118, 2610-2624.	3.8	17
11	Glutaraldehyde fixation preserves the trend of elasticity alterations for endothelial cells exposed to TNF- $\alpha$ . <i>Cytoskeleton</i> , 2015, 72, 124-130.	2.0	16
12	Keap1 governs ageing-induced protein aggregation in endothelial cells. <i>Redox Biology</i> , 2020, 34, 101572.	9.0	16
13	Stiffness changes of tumor HEP2 cells correlates with the inhibition and release of TRAIL-induced apoptosis pathways. <i>Journal of Molecular Recognition</i> , 2012, 25, 299-308.	2.1	11
14	Nanomechanical testing of drug activities at the cellular level: Case study for endothelium-targeted drugs. <i>Pharmacological Reports</i> , 2017, 69, 1165-1172.	3.3	10
15	Novel engineered TRAIL-based chimeric protein strongly inhibits tumor growth and bypasses TRAIL resistance. <i>International Journal of Cancer</i> , 2020, 147, 1117-1130.	5.1	7
16	Endothelial glycocalyx detection and characterization by means of atomic force spectroscopy: Comparison of various data analysis approaches. <i>Micron</i> , 2021, 151, 103153.	2.2	5