

# Jolanta Niewiarowska

## List of Publications by Year in descending order

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32  
papers

771  
citations

471061  
17  
h-index

525886  
27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide Ligands Can Bind to Distinct Sites in Integrin $\alpha 5\beta 1$ and Elicit Different Functional Responses. <i>Journal of Biological Chemistry</i> , 1999, 274, 16923-16932.	1.6	86
2	Endothelial Cells in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1234, 71-86.	0.8	67
3	Lumican inhibits angiogenesis by interfering with $\alpha 2\beta 1$ receptor activity and downregulating MMP-14 expression. <i>Thrombosis Research</i> , 2011, 128, 452-457.	0.8	66
4	Senescent endothelial cells: Potential modulators of immunosenescence and ageing. <i>Ageing Research Reviews</i> , 2016, 29, 13-25.	5.0	51
5	DNAzymes to $\alpha 21$ and $\alpha 23$ mRNA Down-regulate Expression of the Targeted Integrins and Inhibit Endothelial Cell Capillary Tube Formation in Fibrin and Matrigel. <i>Journal of Biological Chemistry</i> , 2002, 277, 6779-6787.	1.6	46
6	Adenovirus capsid proteins interact with HSP70 proteins after penetration in human or rodent cells. <i>Experimental Cell Research</i> , 1992, 201, 408-416.	1.2	41
7	Effect of Lumican on the Migration of Human Mesenchymal Stem Cells and Endothelial Progenitor Cells: Involvement of Matrix Metalloproteinase-14. <i>PLoS ONE</i> , 2012, 7, e50709.	1.1	41
8	$\alpha 2$ -III tubulin modulates the behavior of Snail overexpressed during the epithelial-to-mesenchymal transition in colon cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2221-2233.	1.9	41
9	The ILK-MMP9-MRTF axis is crucial for EndMT differentiation of endothelial cells in a tumor microenvironment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2283-2296.	1.9	35
10	Assessment of Coagulation Disorders in Patients with Acute Leukemia Before and After Cytostatic Treatment. <i>Leukemia and Lymphoma</i> , 1999, 36, 77-84.	0.6	33
11	Tubulin beta 3 and 4 are involved in the generation of early fibrotic stages. <i>Cellular Signalling</i> , 2017, 38, 26-38.	1.7	30
12	Filamin A upregulation correlates with Snail-induced epithelial to mesenchymal transition (EMT) and cell adhesion but its inhibition increases the migration of colon adenocarcinoma HT29 cells. <i>Experimental Cell Research</i> , 2017, 359, 163-170.	1.2	29
13	TUBB4B Downregulation Is Critical for Increasing Migration of Metastatic Colon Cancer Cells. <i>Cells</i> , 2019, 8, 810.	1.8	25
14	Downregulation of PMCA2 or PMCA3 reorganizes $Ca^{2+}$ handling systems in differentiating PC12 cells. <i>Cell Calcium</i> , 2012, 52, 433-444.	1.1	24
15	Invasive Colon Cancer Cells Induce Transdifferentiation of Endothelium to Cancer-Associated Fibroblasts through Microtubules Enriched in Tubulin- $\alpha 23$ . <i>International Journal of Molecular Sciences</i> , 2019, 20, 53.	1.8	20
16	Thymosin $\alpha 4$ regulates migration of colon cancer cells by a pathway involving interaction with Ku80. <i>Annals of the New York Academy of Sciences</i> , 2010, 1194, 60-71.	1.8	18
17	Nonsteroidal Anti-Inflammatory Drugs Prevent Vincristine-Dependent Cancer-Associated Fibroblasts Formation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1941.	1.8	17
18	Downregulation of microsomal glutathione-S-transferase 1 modulates protective mechanisms in differentiated PC12 cells. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 375-383.	1.3	13

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19	Transforming Growth Factor- $\beta$ 2 Receptor Internalization via Caveolae Is Regulated by Tubulin- $\beta$ 2 and Tubulin- $\beta$ 3 during Endothelial-Mesenchymal Transition. <i>American Journal of Pathology</i> , 2019, 189, 2531-2546.	1.9	12
20	DNAzyme as an efficient tool to modulate invasiveness of human carcinoma cells.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	12
21	Distinct inhibitory efficiency of siRNAs and DNAzymes to $\beta$ 1 integrin subunit in blocking tumor growth.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.3	12
22	The New Model of Snail Expression Regulation: The Role of MRTFs in Fast and Slow Endothelial-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5875.	1.8	10
23	Functional characteristic of PC12 cells with reduced microsomal glutathione transferase 1.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	8
24	Arabinoside-Based Microcapsules Being Loaded with Bee Products as Bioactive Food Components Are Able to Modulate the Cell Migration and Inflammatory Response—In Vitro Study. <i>Nutrients</i> , 2022, 14, 2529.	1.7	6
25	Alteration of the Antigenic Structure of Human Fibronectin Caused by Complexing with Collagen. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1983, 364, 515-518.	1.7	4
26	Anti-(Arg-Gly-Asp-Ser) antibody and its interaction with fibronectin, fibrinogen and platelets. <i>FEBS Journal</i> , 1988, 177, 109-115.	0.2	4
27	Functional characteristic of PC12 cells with reduced microsomal glutathione transferase 1. <i>Acta Biochimica Polonica</i> , 2010, 57, 589-96.	0.3	4
28	Oxidative Stress Enhances the TGF- $\beta$ 2-RhoA-MRTF-A/B Axis in Cells Entering Endothelial-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2062.	1.8	4
29	Decreased deformability in aging erythrocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 262-264.	1.4	3
30	GP11a(90-102) and GP11a(631-653) Epitopes as Markers of Conformational Changes Occurring During the Activation of the Glycoprotein IIb/IIIa Complex. <i>FEBS Journal</i> , 1994, 224, 803-809.	0.2	1
31	The LA-PF4/PF4 Ratio Reflects the Augmentation of in Vivo Blood Platelet Activity in Migraine Patients. <i>Headache</i> , 1986, 26, 298-298.	1.8	0
32	Ligand Recognition by Cytoadhesins in Vascular Biology.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2000, 28, 201-215.	0.6	0