

# Alina Grzanka

## List of Publications by Citations

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76  
papers

841  
citations

16  
h-index

24  
g-index

88  
ext. papers

1,001  
ext. citations

3.2  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
76	Cytoskeletal reorganization during process of apoptosis induced by cytostatic drugs in K-562 and HL-60 leukemia cell lines. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 1611-7	6	72
75	Paclitaxel and the dietary flavonoid fisetin: a synergistic combination that induces mitotic catastrophe and autophagic cell death in A549 non-small cell lung cancer cells. <i>Cancer Cell International</i> , <b>2016</b> , 16, 10	6.4	54
74	Antiproliferative and antimetastatic action of quercetin on A549 non-small cell lung cancer cells through its effect on the cytoskeleton. <i>Acta Histochemica</i> , <b>2017</b> , 119, 99-112	2	45
73	Ciprofloxacin is a potential topoisomerase II inhibitor for the treatment of NSCLC. <i>International Journal of Oncology</i> , <b>2012</b> , 41, 1943-9	4.4	41
72	Features of senescence and cell death induced by doxorubicin in A549 cells: organization and level of selected cytoskeletal proteins. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2010</b> , 136, 717-36	4.9	35
71	Low-dose etoposide-treatment induces endoreplication and cell death accompanied by cytoskeletal alterations in A549 cells: Does the response involve senescence? The possible role of vimentin. <i>Cancer Cell International</i> , <b>2013</b> , 13, 9	6.4	28
70	Hyperthermia induces cytoskeletal alterations and mitotic catastrophe in p53-deficient H1299 lung cancer cells. <i>Acta Histochemica</i> , <b>2013</b> , 115, 8-15	2	26
69	Phenethyl isothiocyanate-induced cytoskeletal changes and cell death in lung cancer cells. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 3577-94	4.7	24
68	Does the Mesenchymal Stem Cell Source Influence Smooth Muscle Regeneration in Tissue-Engineered Urinary Bladders?. <i>Cell Transplantation</i> , <b>2017</b> , 26, 1780-1791	4	19
67	Cell-penetrating peptides and their utility in genome function modifications (Review). <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 40, 1615-1623	4.4	18
66	Expression of cyclin A, B1 and D1 after induction of cell cycle arrest in the Jurkat cell line exposed to doxorubicin. <i>Cell Biology International</i> , <b>2012</b> , 36, 1129-35	4.5	17
65	Actin distribution patterns in HL-60 leukemia cells treated with etoposide. <i>Acta Histochemica</i> , <b>2001</b> , 103, 453-64	2	17
64	Evaluation of Anti-Metastatic Potential of the Combination of Fisetin with Paclitaxel on A549 Non-Small Cell Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	16
63	Effect of L-homocysteine on endothelial cell-cell junctions following F-actin stabilization through tropomyosin-1 overexpression. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 32, 115-29	4.4	16
62	Actin cytoskeleton reorganization correlates with cofilin nuclear expression and ultrastructural changes in cho aa8 cell line after apoptosis and mitotic catastrophe induction by doxorubicin. <i>Ultrastructural Pathology</i> , <b>2011</b> , 35, 130-8	1.3	16
61	Involvement of Actin and Actin-Binding Proteins in Carcinogenesis. <i>Cells</i> , <b>2020</b> , 9,	7.9	16
60	Ultrastructural localization of F-actin using phalloidin and quantum dots in HL-60 promyelocytic leukemia cell line after cell death induction by arsenic trioxide. <i>Acta Histochemica</i> , <b>2013</b> , 115, 487-95	2	15

59	Hair follicle stem cells can be driven into a urothelial-like phenotype: an experimental study. <i>International Journal of Urology</i> , <b>2013</b> , 20, 537-42	2.3	15
58	Tropomyosin-1 protects endothelial cell-cell junctions against cigarette smoke extract through F-actin stabilization in EA.hy926 cell line. <i>Acta Histochemica</i> , <b>2014</b> , 116, 606-18	2	14
57	Filling effects, persistence, and safety of dermal fillers formulated with stem cells in an animal model. <i>Aesthetic Surgery Journal</i> , <b>2014</b> , 34, 1261-9	2.4	14
56	Actin reorganization in CHO AA8 cells undergoing mitotic catastrophe and apoptosis induced by doxorubicin. <i>Oncology Reports</i> , <b>2010</b> , 23, 655-63	3.5	14
55	Long-term influence of bone marrow-derived mesenchymal stem cells on liver ischemia-reperfusion injury in a rat model. <i>Annals of Transplantation</i> , <b>2015</b> , 20, 132-40	1.4	14
54	Isolation, expansion and characterization of porcine urinary bladder smooth muscle cells for tissue engineering. <i>Biological Procedures Online</i> , <b>2016</b> , 18, 17	8.3	13
53	How to isolate urothelial cells? Comparison of four different methods and literature review. <i>Human Cell</i> , <b>2014</b> , 27, 85-93	4.5	13
52	Overexpression of lamin B1 induces mitotic catastrophe in colon cancer LoVo cells and is associated with worse clinical outcomes. <i>International Journal of Oncology</i> , <b>2018</b> , 52, 89-102	4.4	13
51	Fluorescence and ultrastructural localization of actin distribution patterns in the nucleus of HL-60 and K-562 cell lines treated with cytostatic drugs. <i>Oncology Reports</i> , <b>2004</b> , 11, 765-70	3.5	13
50	The influence of arsenic trioxide on the cell cycle, apoptosis and expression of cyclin D1 in the Jurkat cell line. <i>Acta Histochemica</i> , <b>2014</b> , 116, 1350-8	2	12
49	Doxorubicin-induced F-actin reorganization in cofilin-1 (nonmuscle) down-regulated CHO AA8 cells. <i>Folia Histochemica Et Cytobiologica</i> , <b>2010</b> , 48, 377-86	1.4	12
48	Tropomyosin-1 protects transformed alveolar epithelial cells against cigaret smoke extract through the stabilization of F-actin-dependent cell-cell junctions. <i>Acta Histochemica</i> , <b>2016</b> , 118, 225-35	2	11
47	Immunogold labelling of PCNA and Ki-67 antigen at the ultrastructural level in laryngeal squamous cell carcinoma and its correlation with lymph node metastasis and histological grade. <i>Acta Histochemica</i> , <b>2000</b> , 102, 139-49	2	11
46	Taxol-induced polyploidy and cell death in CHO AA8 cells. <i>Acta Histochemica</i> , <b>2010</b> , 112, 62-71	2	10
45	Involvement of Actin in Autophagy and Autophagy-Dependent Multidrug Resistance in Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	8
44	Transdifferentiation of Bone Marrow Mesenchymal Stem Cells into the Islet-Like Cells: the Role of Extracellular Matrix Proteins. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2015</b> , 63, 377-84	4	8
43	Expression of cyclin D1 after treatment with doxorubicin in the HL-60 cell line. <i>Cell Biology International</i> , <b>2014</b> , 38, 857-67	4.5	8
42	Effect of arsenic trioxide (Trisenox) on actin organization in K-562 erythroleukemia cells. <i>Folia Histochemica Et Cytobiologica</i> , <b>2009</b> , 47, 453-9	1.4	8

41	Use of Adipose-Derived Stem Cells to Support Topical Skin Adhesive for Wound Closure: A Preliminary Report from Animal In Vivo Study. <i>BioMed Research International</i> , <b>2016</b> , 2016, 2505601	3	8
40	Activity of cyclin B1 in HL-60 cells treated with etoposide. <i>Acta Histochemica</i> , <b>2016</b> , 118, 537-43	2	8
39	Downregulation of importin-9 protects MCF-7 cells against apoptosis induced by the combination of garlic-derived alliin and paclitaxel. <i>Oncology Reports</i> , <b>2016</b> , 35, 3084-93	3.5	8
38	Expression of Genomic Instability-Related Molecules: Cyclin F, RRM2 and SPDL1 and Their Prognostic Significance in Pancreatic Adenocarcinoma. <i>Cancers</i> , <b>2021</b> , 13,	6.6	8
37	Immunoelectron microscopical identification of the c-erbB-2 oncoprotein in patients with laryngeal squamous cell carcinoma. <i>Acta Histochemica</i> , <b>2000</b> , 102, 403-11	2	7
36	The effect of piperlongumine on endothelial and lung adenocarcinoma cells with regulated expression of profilin-1. <i>OncoTargets and Therapy</i> , <b>2018</b> , 11, 8275-8292	4.4	7
35	Potential role of cyclin F mRNA expression in the survival of skin melanoma patients: Comprehensive analysis of the pathways altered due to cyclin F upregulation. <i>Oncology Reports</i> , <b>2018</b> , 40, 123-144	3.5	7
34	Green tea extract induces protective autophagy in A549 non-small lung cancer cell line. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , <b>2015</b> , 69, 1478-84	0.3	7
33	The Synergistic Effect of Piperlongumine and Sanguinarine on the Non-Small Lung Cancer. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
32	Intrascleral outflow after deep sclerectomy with absorbable and non-absorbable implants in the rabbit eye. <i>Medical Science Monitor</i> , <b>2012</b> , 18, BR402-8	3.2	6
31	Expression of cyclin B1 after induction of senescence and cell death in non-small cell lung carcinoma A549 cells. <i>Folia Histochemica Et Cytobiologica</i> , <b>2012</b> , 50, 58-67	1.4	6
30	Expression of cyclin A in human leukemia cell line HL-60 following treatment with doxorubicin and etoposide: the potential involvement of cyclin A in apoptosis. <i>Oncology Reports</i> , <b>2007</b> , 17, 1013-9	3.5	6
29	Cytoskeletal reorganization and cell death in mitoxantrone-treated lung cancer cells. <i>Acta Histochemica</i> , <b>2016</b> , 118, 784-796	2	5
28	The cytotoxic effect of oxymatrine on basic cellular processes of A549 non-small lung cancer cells. <i>Acta Histochemica</i> , <b>2019</b> , 121, 724-731	2	5
27	The role of exportin 6 in cytoskeletal-mediated cell death and cell adhesion in human non-small-cell lung carcinoma cells following doxorubicin treatment. <i>Folia Histochemica Et Cytobiologica</i> , <b>2014</b> , 52, 195-205	1.4	5
26	Arsenic trioxide preferentially induces nonapoptotic cell deaths as well as actin cytoskeleton rearrangement in the CHO AA8 cell line. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , <b>2014</b> , 68, 1492-500	0.3	5
25	Expression of cyclin B1, D1 and K in non-small cell lung cancer H1299 cells following treatment with sulforaphane. <i>Oncology Reports</i> , <b>2019</b> , 41, 1313-1323	3.5	5
24	Immunohistochemical analysis of microsomal glutathione S-transferase 1 and clusterin expression in lens epithelial cells of patients with pseudoexfoliation syndrome. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 1057-1063	2.1	4

23	Gelsolin is a potential cellular target for cotinine to regulate the migration and apoptosis of A549 and T24 cancer cells. <i>Tissue and Cell</i> , <b>2015</b> , 47, 105-14	2.7	4
22	Fluorescence and ultrastructural localization of actin distribution patterns in the nucleus of HL-60 and K-562 cell lines treated with cytostatic drugs. <i>Oncology Reports</i> ,	3.5	4
21	Actin filament reorganization in HL-60 leukemia cell line after treatment with G-CSF and GM-CSF. <i>Folia Histochemica Et Cytobiologica</i> , <b>2007</b> , 45, 191-7	1.4	4
20	Myogenic Differentiation of Mesenchymal Stem Cells is Induced by Striated Muscle Influences in vitro. <i>Current Signal Transduction Therapy</i> , <b>2012</b> , 7, 220-227	0.8	3
19	The protective effect of niacinamide on CHO AA8 cell line against ultraviolet radiation in the context of main cytoskeletal proteins. <i>Advances in Clinical and Experimental Medicine</i> , <b>2018</b> , 27, 367-378	1.8	3
18	Nornicotine impairs endothelial cell-cell adherens junction complexes in EA.hy926 cell line via structural reorganization of F-actin. <i>Folia Histochemica Et Cytobiologica</i> , <b>2013</b> , 51, 179-92	1.4	3
17	Prognostic Significance of KIF11 and KIF14 Expression in Pancreatic Adenocarcinoma. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
16	Caffeine induces cytoskeletal changes and cell death in H1299 cells. <i>Open Life Sciences</i> , <b>2014</b> , 9, 727-738	1.2	2
15	The effect of G-CSF on F-actin reorganization in HL-60 and K562 cell lines. <i>Oncology Reports</i> , <b>2012</b> , 28, 2138-48	3.5	2
14	Immunoelectron microscopy in mycosis fungoides and benign dermatoses. Expression of CD3, CD4 and CD7 receptors. <i>Neoplasma</i> , <b>2010</b> , 57, 41-6	3.3	2
13	Cytoskeletal changes during cellular response of the A549 lung cancer cells to continuous cisplatin treatment. <i>Cell Biology International</i> , <b>2010</b> , 34, 197-211	4.5	2
12	The Important Role of Endothelium and Extracellular Vesicles in the Cellular Mechanism of Aortic Aneurysm Formation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
11	The different expression of key markers on urothelial holoclonal, meroclonal, and paraclonal cells in in vitro culture. <i>Cell Biology International</i> , <b>2019</b> , 43, 456-465	4.5	1
10	Cellular and molecular alterations induced by low-dose fisetin in human chronic myeloid leukemia cells. <i>International Journal of Oncology</i> , <b>2019</b> , 55, 1261-1274	4.4	1
9	Expression of the Body-Weight Signaling Players: GDF15, GFRAL and RET and their clinical relevance in Gastric Cancer. <i>Journal of Cancer</i> , <b>2021</b> , 12, 4698-4709	4.5	1
8	Downregulation of FHOD1 Inhibits Metastatic Potential in A549 Cells. <i>Cancer Management and Research</i> , <b>2021</b> , 13, 91-106	3.6	1
7	CRISPR-Based Activation of Endogenous Expression of Inhibits Inflammatory Response of Primary Human Coronary Artery Endothelial and Smooth Muscle Cells Induced by Recombinant Human Tumor Necrosis Factor $\alpha$ <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 668032	5.7	1
6	Beta-Catenin in Pseudoexfoliation Syndrome. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6199	2.6	0

5	The effect of low doses of doxorubicin on the rat glioma C6 cells in the context of the proteins involved in intercellular interactions. <i>Acta Histochemica</i> , <b>2020</b> , 122, 151625	2	0
4	The influence of Trisenox on actin organization in HL-60 cells. <i>Open Life Sciences</i> , <b>2009</b> , 4, 351-361	1.2	
3	Expression of cyclin A in A549 cell line after treatment with arsenic trioxide. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , <b>2015</b> , 69, 1259-67	0.3	
2	The Less Known Cyclins Uncovered. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2320	2.6	
1	Low Effectiveness of the Introduction of pmaxGFP into Primary Human Coronary Endothelial Cells Using Cell-Penetrating Peptides and Nuclear-Localization Sequences in Non-Covalent Interactions. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1997	2.6	