

Alina Grzanka

List of Publications by Year in descending order

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79
papers

1,195
citations

430442

18
h-index

476904

29
g-index

88
all docs

88
docs citations

88
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoskeletal reorganization during process of apoptosis induced by cytostatic drugs in K-562 and HL-60 leukemia cell lines. <i>Biochemical Pharmacology</i> , 2003, 66, 1611-1617.	2.0	75
2	Antiproliferative and antimetastatic action of quercetin on A549 non-small cell lung cancer cells through its effect on the cytoskeleton. <i>Acta Histochemica</i> , 2017, 119, 99-112.	0.9	74
3	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> , 2016, 16, 10.	1.8	72
4	Involvement of Actin and Actin-Binding Proteins in Carcinogenesis. <i>Cells</i> , 2020, 9, 2245.	1.8	57
5	Ciprofloxacin is a potential topoisomerase II inhibitor for the treatment of NSCLC. <i>International Journal of Oncology</i> , 2012, 41, 1943-1949.	1.4	56
6	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> , 2010, 136, 717-736.	1.2	44
7	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> , 2013, 13, 9.	1.8	39
8	Hyperthermia induces cytoskeletal alterations and mitotic catastrophe in p53-deficient H1299 lung cancer cells. <i>Acta Histochemica</i> , 2013, 115, 8-15.	0.9	34
9	Phenethyl isothiocyanate-induced cytoskeletal changes and cell death in lung cancer cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 3577-3594.	1.8	31
10	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> , 2018, 52, 89-102.	1.4	26
11	Cell-penetrating peptides and their utility in genome function modifications (Review). <i>International Journal of Molecular Medicine</i> , 2017, 40, 1615-1623.	1.8	24
12	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> , 2018, 19, 661.	1.8	23
13	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> , 2012, 36, 1129-1135.	1.4	22
14	Does the Mesenchymal Stem Cell Source Influence Smooth Muscle Regeneration in Tissue-Engineered Urinary Bladders?. <i>Cell Transplantation</i> , 2017, 26, 1780-1791.	1.2	22
15	Hair follicle stem cells can be driven into a urothelial-like phenotype: An experimental study. <i>International Journal of Urology</i> , 2013, 20, 537-542.	0.5	19
16	Effect of L-homocysteine on endothelial cell-cell junctions following F-actin stabilization through tropomyosin-1 overexpression. <i>International Journal of Molecular Medicine</i> , 2013, 32, 115-129.	1.8	19
17	Actin distribution patterns in HL-60 leukemia cells treated with etoposide. <i>Acta Histochemica</i> , 2001, 103, 453-464.	0.9	18
18	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> , 2011, 35, 130-138.	0.4	18

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19	How to isolate urothelial cells? Comparison of four different methods and literature review. <i>Human Cell</i> , 2014, 27, 85-93.	1.2	18
20	Filling Effects, Persistence, and Safety of Dermal Fillers Formulated With Stem Cells in an Animal Model. <i>Aesthetic Surgery Journal</i> , 2014, 34, 1261-1269.	0.9	17
21	The Synergistic Effect of Piperlongumine and Sanguinarine on the Non-Small Lung Cancer. <i>Molecules</i> , 2020, 25, 3045.	1.7	17
22	Long-Term Influence of Bone Marrow-Derived Mesenchymal Stem Cells on Liver Ischemia-Reperfusion Injury in a Rat Model. <i>Annals of Transplantation</i> , 2015, 20, 132-140.	0.5	17
23	Actin reorganization in CHO AA8 cells undergoing mitotic catastrophe and apoptosis induced by doxorubicin. <i>Oncology Reports</i> , 2010, 23, 655-63.	1.2	16
24	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> , 2013, 115, 487-495.	0.9	16
25	Isolation, expansion and characterization of porcine urinary bladder smooth muscle cells for tissue engineering. <i>Biological Procedures Online</i> , 2016, 18, 17.	1.4	16
26	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> , 0, , .	1.2	15
27	The influence of arsenic trioxide on the cell cycle, apoptosis and expression of cyclin D1 in the Jurkat cell line. <i>Acta Histochemica</i> , 2014, 116, 1350-1358.	0.9	14
28	Tropomyosin-1 protects endothelial cell cell junctions against cigarette smoke extract through F-actin stabilization in EA.hy926 cell line. <i>Acta Histochemica</i> , 2014, 116, 606-618.	0.9	14
29	Involvement of Actin in Autophagy and Autophagy-Dependent Multidrug Resistance in Cancer. <i>Cancers</i> , 2019, 11, 1209.	1.7	14
30	Doxorubicin-induced F-actin reorganization in cofilin-1 (nonmuscle) down-regulated CHO AA8 cells.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 48, 377-86.	0.6	14
31	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> , 2004, 11, 765-70.	1.2	14
32	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> , 2000, 102, 139-149.	0.9	13
33	Taxol-induced polyploidy and cell death in CHO AA8 cells. <i>Acta Histochemica</i> , 2010, 112, 62-71.	0.9	13
34	The effect of piperlongumine on endothelial and lung adenocarcinoma cells with regulated expression of profilin-1. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8275-8292.	1.0	13
35	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> , 2016, 118, 225-235.	0.9	12
36	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> , 2016, 2016, 1-10.	0.9	11

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37	Cytoskeletal reorganization and cell death in mitoxantrone-treated lung cancer cells. <i>Acta Histochemica</i> , 2016, 118, 784-796.	0.9	11
38	Expression of Genomic Instability-Related Molecules: Cyclin F, RRM2 and SPDL1 and Their Prognostic Significance in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021, 13, 859.	1.7	11
39	Expression of cyclin D1 after treatment with doxorubicin in the HL60 cell line. <i>Cell Biology International</i> , 2014, 38, 857-867.	1.4	10
40	Downregulation of importin-9 protects MCF-7 cells against apoptosis induced by the combination of garlic-derived alliin and paclitaxel. <i>Oncology Reports</i> , 2016, 35, 3084-3093.	1.2	10
41	Effect of arsenic trioxide (Trisenox) on actin organization in K-562 erythroleukemia cells. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, 453-9.	0.6	10
42	The Important Role of Endothelium and Extracellular Vesicles in the Cellular Mechanism of Aortic Aneurysm Formation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13157.	1.8	10
43	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> , 2015, 47, 105-114.	1.0	9
44	Expression of cyclin B1, D1 and K in non-small cell lung cancer H1299 cells following treatment with sulforaphane. <i>Oncology Reports</i> , 2019, 41, 1313-1323.	1.2	9
45	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> , 2018, 40, 123-144.	1.2	9
46	Expression of the Body-Weight Signaling Players: GDF15, GFRAL and RET and their clinical relevance in Gastric Cancer. <i>Journal of Cancer</i> , 2021, 12, 4698-4709.	1.2	9
47	Prognostic Significance of KIF11 and KIF14 Expression in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021, 13, 3017.	1.7	9
48	The Role of TRPM2 in Endothelial Function and Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7635.	1.8	9
49	Downregulation of MMP-9 Enhances the Anti-Migratory Effect of Cyclophosphamide in MDA-MB-231 and MCF-7 Breast Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12783.	1.8	9
50	Immunoelectron microscopical identification of the c-erbB-2 oncoprotein in patients with laryngeal squamous cell carcinoma. <i>Acta Histochemica</i> , 2000, 102, 403-411.	0.9	8
51	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> , 2015, 63, 377-384.	1.0	8
52	Activity of cyclin B1 in HL-60 cells treated with etoposide. <i>Acta Histochemica</i> , 2016, 118, 537-543.	0.9	8
53	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> , 2017, 13, 1057-1063.	0.8	8
54	The cytotoxic effect of oxymatrine on basic cellular processes of A549 non-small lung cancer cells. <i>Acta Histochemica</i> , 2019, 121, 724-731.	0.9	8

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55	CRISPR-Based Activation of Endogenous Expression of TPM1 Inhibits Inflammatory Response of Primary Human Coronary Artery Endothelial and Smooth Muscle Cells Induced by Recombinant Human Tumor Necrosis Factor I α . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668032.	1.8	8
56	Green tea extract induces protective autophagy in A549 non-small lung cancer cell line. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2015, 69, 1478-84.	0.1	8
57	Intrascleral outflow after deep sclerectomy with absorbable and non-absorbable implants in the rabbit eye. <i>Medical Science Monitor</i> , 2012, 18, BR402-BR408.	0.5	7
58	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> , 2012, 50, 58-67.	0.6	7
59	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> , 2013, 51, 179-192.	0.6	6
60	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> , 2014, 52, 195-205.	0.6	6
61	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> , 2014, 68, 1492-1500.	0.1	6
62	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> , 2007, 17, 1013-9.	1.2	6
63	Cellular and molecular alterations induced by low-dose fisetin in human chronic myeloid leukemia cells. <i>International Journal of Oncology</i> , 2019, 55, 1261-1274.	1.4	4
64	Actin filament reorganization in HL-60 leukemia cell line after treatment with G-CSF and GM-CSF. <i>Folia Histochemica Et Cytobiologica</i> , 2007, 45, 191-7.	0.6	4
65	Myogenic Differentiation of Mesenchymal Stem Cells is Induced by Striated Muscle Influences in vitro. <i>Current Signal Transduction Therapy</i> , 2012, 7, 220-227.	0.3	3
66	The effect of G-CSF on F-actin reorganization in HL-60 and K562 cell lines. <i>Oncology Reports</i> , 2012, 28, 2138-2148.	1.2	3
67	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> , 2018, 27, 367-378.	0.6	3
68	The influence of Trisenox on actin organization in HL-60 cells. <i>Open Life Sciences</i> , 2009, 4, 351-361.	0.6	2
69	Cytoskeletal changes during cellular response of the A549 lung cancer cells to continuous cisplatin treatment. <i>Cell Biology International</i> , 2010, 34, 197-211.	1.4	2
70	Immunoelectron microscopy in mycosis fungoides and benign dermatoses. Expression of CD3, CD4 and CD7 receptors. <i>Neoplasma</i> , 2010, 57, 41-46.	0.7	2
71	Caffeine induces cytoskeletal changes and cell death in H1299 cells. <i>Open Life Sciences</i> , 2014, 9, 727-738.	0.6	2
72	The different expression of key markers on urothelial holoclonal, meroclonal, and paraclonal cells in in vitro culture. <i>Cell Biology International</i> , 2019, 43, 456-465.	1.4	2

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73	Beta-Catenin in Pseudoexfoliation Syndrome. Applied Sciences (Switzerland), 2020, 10, 6199.	1.3	2
74	The effect of low doses of doxorubicin on the rat glioma C6 cells in the context of the proteins involved in intercellular interactions. Acta Histochemica, 2020, 122, 151625.	0.9	2
75	Downregulation of FHOD1 Inhibits Metastatic Potential in A549 Cells. Cancer Management and Research, 2021, Volume 13, 91-106.	0.9	1
76	The Less Known Cyclinsâ€”Uncovered. Applied Sciences (Switzerland), 2021, 11, 2320.	1.3	1
77	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. Applied Sciences (Switzerland), 2021, 11, 1997.	1.3	0
78	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. Oncology Reports, 0, , .	1.2	0
79	Expression of cyclin A in A549 cell line after treatment with arsenic trioxide. Postepy Higieny i Medycyny Doswiadczalnej, 2015, 69, 1259-1267.	0.1	0