

Maciej Gagat

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

643
citations

14
h-index

21
g-index

87
ext. papers

832
ext. citations

3.6
avg, IF

4.19
L-index

#	Paper	IF	Citations
71	The Role of Actin Dynamics and Actin-Binding Proteins Expression in Epithelial-to-Mesenchymal Transition and Its Association with Cancer Progression and Evaluation of Possible Therapeutic Targets. <i>BioMed Research International</i> , 2018 , 2018, 4578373	3	62
70	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	6.4	54
69	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	2	45
68	The effect of sulforaphane on the cell cycle, apoptosis and expression of cyclin D1 and p21 in the A549 non-small cell lung cancer cell line. <i>International Journal of Oncology</i> , 2016 , 48, 2521-33	4.4	38
67	Does the Mesenchymal Stem Cell Source Influence Smooth Muscle Regeneration in Tissue-Engineered Urinary Bladders?. <i>Cell Transplantation</i> , 2017 , 26, 1780-1791	4	19
66	Cell-penetrating peptides and their utility in genome function modifications (Review). <i>International Journal of Molecular Medicine</i> , 2017 , 40, 1615-1623	4.4	18
65	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, 115-29	4.4	16
64	Understanding the role of mesenchymal stem cells in urinary bladder regeneration-a preclinical study on a porcine model. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 328	8.3	16
63	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, 487-95	2	15
62	Actin is required for cellular death. <i>Acta Histochemica</i> , 2013 , 115, 775-82	2	15
61	Hair follicle stem cells can be driven into a urothelial-like phenotype: an experimental study. <i>International Journal of Urology</i> , 2013 , 20, 537-42	2.3	15
60	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, 606-18	2	14
59	Filling effects, persistence, and safety of dermal fillers formulated with stem cells in an animal model. <i>Aesthetic Surgery Journal</i> , 2014 , 34, 1261-9	2.4	14
58	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, 132-40	1.4	14
57	Isolation, expansion and characterization of porcine urinary bladder smooth muscle cells for tissue engineering. <i>Biological Procedures Online</i> , 2016 , 18, 17	8.3	13
56	How to isolate urothelial cells? Comparison of four different methods and literature review. <i>Human Cell</i> , 2014 , 27, 85-93	4.5	13
55	Involvement of the SATB1/F-actin complex in chromatin reorganization during active cell death. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 1441-50	4.4	13

54	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	4.4	13
53	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, 1350-8	2	12
52	Doxorubicin-induced F-actin reorganization in cofilin-1 (nonmuscle) down-regulated CHO AA8 cells. <i>Folia Histochemica Et Cytobiologica</i> , 2010 , 48, 377-86	1.4	12
51	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, 225-35	2	11
50	Expression of special AT-rich sequence-binding protein 1 is an independent prognostic factor in cutaneous T-cell lymphoma. <i>Oncology Reports</i> , 2015 , 33, 250-66	3.5	10
49	The Effect of Platelet-Rich Plasma on the Intra-Articular Microenvironment in Knee Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
48	Lidocaine induces protective autophagy in rat C6 glioma cell line. <i>International Journal of Oncology</i> , 2019 , 54, 1099-1111	4.4	10
47	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, 377-84	4	8
46	Stem cells for urinary tract regeneration. <i>Central European Journal of Urology</i> , 2012 , 65, 7-10	0.9	8
45	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, 2505601	3	8
44	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, 3084-93	3.5	8
43	Expression of Genomic Instability-Related Molecules: Cyclin F, RRM2 and SPDL1 and Their Prognostic Significance in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021 , 13,	6.6	8
42	Correlation of SATB1 expression with clinical course of cutaneous T-cell lymphomas. <i>Polish Journal of Pathology</i> , 2012 , 63, 101-5	0.9	8
41	Biceps Tenodesis versus Tenotomy with Fast Rehabilitation Protocol-A Functional Perspective in Chronic Tendinopathy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
40	The effect of piperlongumine on endothelial and lung adenocarcinoma cells with regulated expression of profilin-1. <i>OncoTargets and Therapy</i> , 2018 , 11, 8275-8292	4.4	7
39	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	3.5	7
38	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	0.3	7
37	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	1.4	6

36	The alterations in SATB1 and nuclear F-actin expression affect apoptotic response of the MCF-7 cells to geldanamycin. <i>Folia Histochemica Et Cytobiologica</i> , 2015 , 53, 79-87	1.4	6
35	The interactions between SATB1 and F-actin are important for mechanisms of active cell death. <i>Folia Histochemica Et Cytobiologica</i> , 2015 , 53, 152-61	1.4	6
34	Electron microscope study of the advanced tendinopathy process of the long head of the biceps brachii tendon treated arthroscopically. <i>Folia Morphologica</i> , 2018 , 77, 371-377	0.9	6
33	Correlation between smoking and neovascularization in biceps tendinopathy: a functional preoperative and immunohistochemical study. <i>Therapeutic Advances in Chronic Disease</i> , 2020 , 11, 2040622320956418	1.9	6
32	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	1.4	5
31	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, 1492-500	0.3	5
30	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	2.1	4
29	Ambiguous Role of SATB1 Expression in Malignant Tumors. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1608-1610	4.3	4
28	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, 105-14	2.7	4
27	Cyclin F Downregulation Affects Epithelial-Mesenchymal Transition Increasing Proliferation and Migration of the A-375 Melanoma Cell Line. <i>Cancer Management and Research</i> , 2020 , 12, 13085-13097	3.6	3
26	Myogenic Differentiation of Mesenchymal Stem Cells is Induced by Striated Muscle Influences in vitro. <i>Current Signal Transduction Therapy</i> , 2012 , 7, 220-227	0.8	3
25	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	1.8	3
24	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, 179-92	1.4	3
23	Prognostic Significance of KIF11 and KIF14 Expression in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021 , 13,	6.6	3
22	Caffeine induces cytoskeletal changes and cell death in H1299 cells. <i>Open Life Sciences</i> , 2014 , 9, 727-738	1.2	2
21	The effect of G-CSF on F-actin reorganization in HL-60 and K562 cell lines. <i>Oncology Reports</i> , 2012 , 28, 2138-48	3.5	2
20	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,	6.3	2
19	THE INFLUENCE OF DOXORUBICIN ON NUCLEAR AND CYTOPLASMIC POOL OF F-ACTIN IN THE A549 CELL LINE 2014 , 28, 11		2

18	Prognostic Significance of TLR2, SMAD3 and Localization-dependent SATB1 in Stage I and II Non-Small-Cell Lung Cancer Patients. <i>Cancer Control</i> , 2021 , 28, 10732748211056697	2.2	2
17	The Impact of Smoking on Clinical Results Following the Rotator Cuff and Biceps Tendon Complex Arthroscopic Surgery. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
16	Prognostic Impact and Functional Annotations of KIF11 and KIF14 Expression in Patients with Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
15	Relationship between long head of the biceps tendon histopathology and long-term functional results in smokers. A time to reevaluate the Bonar score?. <i>Therapeutic Advances in Chronic Disease</i> , 2021 , 12, 2040622321990262	4.9	2
14	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	4.5	1
13	Letter by Gagat and Grzanka Regarding Article, "Neutrophil Activation of Endothelial Cell-Expressed TRPM2 Mediates Transendothelial Neutrophil Migration and Vascular Injury". <i>Circulation Research</i> , 2017 , 121, e86	15.7	1
12	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	4.4	1
11	Cyclin F is involved in response to cisplatin treatment in melanoma cell lines. <i>Oncology Reports</i> , 2020 , 43, 765-772	3.5	1
10	The Bonar Score in the Histopathological Assessment of Tendinopathy and Its Clinical Relevance-A Systematic Review. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
9	Therapeutic Advances in Tendinopathy Quantified Microscopically Using Bonar Score, with a Special Reference to PRP Therapy A Systematic Review of Experimental Studies. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4973	2.6	1
8	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	4.5	1
7	The Comparison of Clinical Result between Primary Repair of the Anterior Cruciate Ligament with Additional Internal Bracing and Anatomic Single Bundle Reconstruction-A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
6	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 α <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 668032	5.7	1
5	Neovascularization in Meniscus and Tendon Pathology as a Potential Mechanism in Regenerative Therapies: Special Reference to Platelet-Rich Plasma Treatment. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8310	2.6	1
4	Beta-Catenin in Pseudoexfoliation Syndrome. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6199	2.6	0
3	Letter by Gagat and Grzanka Regarding Article, "Talin-Dependent Integrin Activation Regulates VE-Cadherin Localization and Endothelial Cell Barrier Function". <i>Circulation Research</i> , 2019 , 125, e11-e12 ^{15.7}		
2	A new heterotropic vascularized model of total urinary bladder transplantation in a rat model. <i>Scientific Reports</i> , 2021 , 11, 3775	4.9	
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> , 2021 , 11, 1997	2.6	

