

Maciej Gagat

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,022
citations

516561

16
h-index

526166

27
g-index

87
all docs

87
docs citations

87
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1-13.	0.9	101
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	The Effect of Platelet-Rich Plasma on the Intra-Articular Microenvironment in Knee Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5492.	1.8	54
5	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, 2521-2533.	1.4	43
6	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.	2.4	30
7	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
8	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
9	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
10	Actin is required for cellular death. <i>Acta Histochemica</i> , 2013, 115, 775-782.	0.9	21
11	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
12	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
13	How to isolate urothelial cells? Comparison of four different methods and literature review. <i>Human Cell</i> , 2014, 27, 85-93.	1.2	18
14	Involvement of the SATB1/F-actin complex in chromatin reorganization during active cell death. <i>International Journal of Molecular Medicine</i> , 2014, 33, 1441-1450.	1.8	18
15	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
16	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
17	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
18	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

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19	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
20	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
21	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, 250-266.	1.2	14
22	Lidocaine induces protective autophagy in rat C6 glioma cell line. <i>International Journal of Oncology</i> , 2019, 54, 1099-1111.	1.4	14
23	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
24	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.	0.4	14
25	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
26	Correlation between smoking and neovascularization in biceps tendinopathy: a functional preoperative and immunohistochemical study. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232095641.	1.1	13
27	Biceps Tenodesis Versus Tenotomy with Fast Rehabilitation Protocol – A Functional Perspective in Chronic Tendinopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 3938.	1.0	13
28	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
29	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
30	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
31	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
32	Stem cells for urinary tract regeneration. <i>Central European Journal of Urology</i> , 2012, 65, 7-10.	0.2	10
33	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
34	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
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> , 2018, 40, 123-144.	1.2	9
36	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

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37	Prognostic Significance of KIF11 and KIF14 Expression in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021, 13, 3017.	1.7	9
38	The Role of TRPM2 in Endothelial Function and Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7635.	1.8	9
39	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, 3948.	1.0	9
40	Prognostic Impact and Functional Annotations of KIF11 and KIF14 Expression in Patients with Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9732.	1.8	9
41	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
42	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
43	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
44	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, 599.	1.0	8
45	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 α . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668032.	1.8	8
46	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, 204062232199026.	1.1	8
47	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, 107327482110566.	0.7	8
48	Correlation of SATB1 expression with clinical course of cutaneous T-cell lymphomas. <i>Polish Journal of Pathology</i> , 2012, 63, 101-5.	0.1	8
49	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
50	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
51	The interactions between SATB1 and F-actin are important for mechanisms of active cell death. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 53, 152-161.	0.6	7
52	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
53	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
54	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.	0.6	6

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55	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
56	Ambiguous Role of SATB1 Expression in Malignant Tumors. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1608-1610.	0.3	5
57	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.	1.3	5
58	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, Volume 12, 13085-13097.	0.9	4
59	Mini-Invasive, Ultrasound Guided Repair of the Achilles Tendon Rupture – A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2370.	1.0	4
60	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
61	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
62	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
63	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
64	Cyclin F is involved in response to cisplatin treatment in melanoma cell lines. <i>Oncology Reports</i> , 2020, 43, 765-772.	1.2	3
65	Advances in Microscopic Studies of Tendinopathy: Literature Review and Current Trends, with Special Reference to Neovascularization Process. <i>Journal of Clinical Medicine</i> , 2022, 11, 1572.	1.0	3
66	Caffeine induces cytoskeletal changes and cell death in H1299 cells. <i>Open Life Sciences</i> , 2014, 9, 727-738.	0.6	2
67	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
68	Beta-Catenin in Pseudoexfoliation Syndrome. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6199.	1.3	2
69	The advances in diagnostic modalities of disorders of the long head of the biceps tendon – review. <i>Studia Medyczne</i> , 2021, 37, 83-90.	0.0	2
70	The Bonar Score in the Histopathological Assessment of Tendinopathy and Its Clinical Relevance – A Systematic Review. <i>Medicina (Lithuania)</i> , 2021, 57, 367.	0.8	2
71	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.	1.3	2
72	THE INFLUENCE OF DOXORUBICIN ON NUCLEAR AND CYTOPLASMIC POOL OF F-ACTIN IN THE A549 CELL LINE. <i>Medical and Biological Sciences</i> , 2014, 28, 11.	0.2	2

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73	Letter by Gagat and Grzanka Regarding Article, "Neutrophil Activation of Endothelial Cell-Expressed TRPM2 Mediates Transendothelial Neutrophil Migration and Vascular Injury". Circulation Research, 2017, 121, e86.	2.0	1
74	SPDL1 Is an Independent Predictor of Patient Outcome in Colorectal Cancer. International Journal of Molecular Sciences, 2022, 23, 1819.	1.8	1
75	C67 SMOOTH MUSCLE CELLS DIFFERENTIATED FROM HUMAN AMNIOTIC FLUID DERIVED STEM CELLS AS A POSSIBLE TREATMENT OF BLADDER DYSFUNCTION. European Urology Supplements, 2012, 11, 97.	0.1	0
76	Letter by Gagat and Grzanka Regarding Article, "Talin-Dependent Integrin Activation Regulates VE-Cadherin Localization and Endothelial Cell Barrier Function". Circulation Research, 2019, 125, e11-e12.	2.0	0
77	A new heterotropic vascularized model of total urinary bladder transplantation in a rat model. Scientific Reports, 2021, 11, 3775.	1.6	0
78	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
79	THE EFFECTS OF CAFFEINE ON CYTOSKELETON IN CHO AA8 CELL LINE. Medical and Biological Sciences, 2014, 28, 25.	0.2	0
80	THE EFFECTS OF ELECTRICAL STIMULATION AND LASER RADIATION ON F-ACTIN REORGANIZATION IN A549 AND CHO AA8 CELL LINES. International Journal of Physiotherapy, 2015, 2, .	0.2	0