JarosÅ‚aw CzyÅ¼

List of Publications by Year
in descending order

80 papers	3,499 citations	172457 29 h-index	138484 58 g-index
80 all docs	80 docs citations	80 times ranked	4346 citing authors

#	Article	IF	Citations
1	Time-extended exposure of gastric epithelial cells to secretome of -activated fibroblasts induces reprogramming of gastric epithelium towards pre-cancerogenic and pro-invasive phenotype.. American Journal of Cancer Research, 2022, 12, 1337-1371.	1.4	0
2	Temozolomide Induces the Acquisition of Invasive Phenotype by O6-Methylguanine-DNA Methyltransferase (MGMT)+ Glioblastoma Cells in a Snail-1/Cx43-Dependent Manner. International Journal of Molecular Sciences, 2021, 22, 4150.	4.1	11
3	Expression of VEGFA-mRNA in classical and MSX2-mRNA in non-classical monocytes in patients with spondyloarthritis is associated with peripheral arthritis. Scientific Reports, 2021, 11, 9693.	3.3	0
4	Deciphering the Functional Role of RIPK4 in Melanoma. International Journal of Molecular Sciences, 2021, 22, 11504.	4.1	3
5	Bioactive compounds from Lactarius deterrimus interfere with the invasive potential of gastric cancer cells. Acta Biochimica Polonica, 2021, 68, 505-513.	0.5	0
6	High bisphenol A concentrations augment the invasiveness of tumor cells through Snail-1/Cx43/ERRÎ³-dependent epithelial-mesenchymal transition. Toxicology in Vitro, 2020, 62, 104676.	2.4	12
7	Heart non-specific effector CD4+ T cells protect from postinflammatory fibrosis and cardiac dysfunction in experimental autoimmune myocarditis. Basic Research in Cardiology, 2020, 115, 6.	5.9	17
8	Long-Term Helicobacter pylori Infection Switches Gastric Epithelium Reprogramming towards Cancer Stem Cell-Related Differentiation Program in Hp-Activated Gastric Fibroblast-TGFÎ² Dependent Manner. Microorganisms, 2020, 8, 1519.	3.6	12
9	Hydrolysis of Schiff bases with phenyl-ethynyl-phenyl system: The importance for biological and physicochemical studies. Journal of Photochemistry and Photobiology B: Biology, 2020, 212, 112020.	3.8	5
10	Bioinspired Bola-Type Peptide Dendrimers Inhibit Proliferation and Invasiveness of Glioblastoma Cells in a Manner Dependent on Their Structure and Amphipathic Properties. Pharmaceutics, 2020, 12, 1106.	4.5	3
11	Epidermal Growth Factor (EGF) Augments the Invasive Potential of Human Glioblastoma Multiforme Cells via the Activation of Collaborative EGFR/ROS-Dependent Signaling. International Journal of Molecular Sciences, 2020, 21, 3605.	4.1	17
12	Potentially Bioaccessible Phenolics from Mung Bean and Adzuki Bean Sprouts Enriched with Probioticâ€"Antioxidant Properties and Effect on the Motility and Survival of AGS Human Gastric Carcinoma Cells. Molecules, 2020, 25, 2963.	3.8	14
13	CD44 cells determine fenofibrate-induced microevolution of drug-resistance in prostate cancer cell populations. Stem Cells, 2020, , .	3.2	4
14	CD44+ cells determine fenofibrate-induced microevolution of drug-resistance in prostate cancer cell populations. Stem Cells, 2020, 38, 1544-1556.	3.2	11
15	Helicobacter pyloriâ€activated gastric fibroblasts induce epithelialâ€mesenchymal transition of gastric epithelial cells in vitro in a TGFâ€Î²â€dependent manner. Helicobacter, 2019, 24, e12653.	3.5	18
16	High doses of sodium ascorbate interfere with the expansion of glioblastoma multiforme cells in vitro and in vivo. Life Sciences, 2019, 232, 116657.	4.3	11
17	Cytoprotective Compounds Interfere with the Nutraceutical Potential of Bread Supplemented with Green Coffee Beans. Antioxidants, 2019, 8, 228.	5.1	3
18	Therapeutic potential of monoterpene Î±-thujone, the main compound of Thuja occidentalis L. essential oil, against malignant glioblastoma multiforme cells in vitro. FÃ¬toterapÃ¬Ã¢, 2019, 134, 172-181.	2.2	39

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19	Fenofibrate Augments the Sensitivity of Drug-Resistant Prostate Cancer Cells to Docetaxel. Cancers, 2019, 11, 77.	3.7	22
20	Invasive bronchial fibroblasts derived from asthmatic patients activate lung cancer A549 cells inï¿½vitro. Oncology Letters, 2018, 16, 6582-6588.	1.8	5
21	Fenofibrate Interferes with the Diapedesis of Lung Adenocarcinoma Cells through the Interference with Cx43/EGF-Dependent Intercellular Signaling. Cancers, 2018, 10, 363.	3.7	10
22	Role of Helicobacter pylori infection in cancerâ€associated fibroblastâ€induced epithelialâ€mesenchymal transition in vitro. Helicobacter, 2018, 23, e12538.	3.5	37
23	Fenofibrate Reduces the Asthma-Related Fibroblast-To-Myofibroblast Transition by TGF-Î²/Smad2/3 Signaling Attenuation and Connexin 43-Dependent Phenotype Destabilization. International Journal of Molecular Sciences, 2018, 19, 2571.	4.1	22
24	Usnic acid and atranorin exert selective cytostatic and anti-invasive effects on human prostate and melanoma cancer cells. Toxicology in Vitro, 2017, 40, 161-169.	2.4	42
25	Connexin43 Controls the Myofibroblastic Differentiation of Bronchial Fibroblasts from Patients with Asthma. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 100-110.	2.9	32
26	Connexin43high prostate cancer cells induce endothelial connexin43 up-regulation through the activation of intercellular ERK1/2-dependent signaling axis. European Journal of Cell Biology, 2017, 96, 337-346.	3.6	19
27	Reprint of: Alterations of TRIM21-mRNA expression during monocyte maturation. Immunobiology, 2017, 222, 841-845.	1.9	2
28	Alterations of TRIM21-mRNA expression during monocyte maturation. Immunobiology, 2017, 222, 494-498.	1.9	6
29	Connexin-dependent intercellular stress signaling in tissue homeostasis and tumor development. Acta Biochimica Polonica, 2017, 64, 377-389.	0.5	18
30	Invasive Cx43^{high} sub-line of human prostate DU145 cells displays increased nanomechanical deformability. Acta Biochimica Polonica, 2017, 64, 445-449.	0.5	4
31	Curcumin augments cytostatic and anti-invasive effects of mitoxantrone on carcinosar-coma cells in vitro. Acta Biochimica Polonica, 2016, 63, 397-401.	0.5	4
32	Efficient and non-toxic gene delivery by anionic lipoplexes based on polyprenyl ammonium salts and their effects on cell physiology. Journal of Gene Medicine, 2016, 18, 331-342.	2.8	10
33	Synergistic Cytotoxic and Anti-invasive Effects of Mitoxantrone and Triterpene Saponins from Lysimachia ciliata on Human Prostate Cancer Cells. Planta Medica, 2016, 82, 1546-1552.	1.3	12
34	Effect of fortification with parsley (Petroselinum crispum Mill.) leaves on the nutraceutical and nutritional quality of wheat pasta. Food Chemistry, 2016, 190, 419-428.	8.2	45
35	Multidirectional effects of triterpene saponins on cancer cells - mini-review of in vitro studies. Acta Biochimica Polonica, 2015, 62, 383-393.	0.5	47
36	Onion skin â€" Raw material for the production of supplement that enhances the health-beneficial properties of wheat bread. Food Research International, 2015, 73, 97-106.	6.2	39

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37	Fenofibrate enhances barrier function of endothelial continuum within the metastatic niche of prostate cancer cells. Expert Opinion on Therapeutic Targets, 2015, 19, 163-176.	3.4	32
38	Undifferentiated Bronchial Fibroblasts Derived from Asthmatic Patients Display Higher Elastic Modulus than Their Non-Asthmatic Counterparts. PLoS ONE, 2015, 10, e0116840.	2.5	33
39	Anticancer and Antioxidant Activity of Bread Enriched with Broccoli Sprouts. BioMed Research International, 2014, 2014, 1-14.	1.9	55
40	Functional links between Snail-1 and Cx43 account for the recruitment of Cx43-positive cells into the invasive front of prostate cancer. Carcinogenesis, 2014, 35, 1920-1930.	2.8	38
41	Apigenin inhibits TGF-Î²1 induced fibroblast-to-myofibroblast transition in human lung fibroblast populations. Pharmacological Reports, 2013, 65, 164-172.	3.3	29
42	Triterpene saponosides from Lysimachia ciliata differentially attenuate invasive potential of prostate cancer cells. Chemico-Biological Interactions, 2013, 206, 6-17.	4.0	19
43	Lovastatin-induced decrease of intracellular cholesterol level attenuates fibroblast-to-myofibroblast transition in bronchial fibroblasts derived from asthmatic patients. European Journal of Pharmacology, 2013, 704, 23-32.	3.5	30
44	Antioxidant and anticancer activities of Chenopodium quinoa leaves extracts â€“ In vitro study. Food and Chemical Toxicology, 2013, 57, 154-160.	3.6	137
45	Lithium Attenuates TGF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mi mathvariant="bold-italic">Î²</mml:mi><mml:mn mathvariant="bold">1</mml:mn></mml:msub></mml:mrow></mml:math>-Induced Fibroblasts to Myofibroblasts Transition in Bronchial Fibroblasts Derived from Asthmatic Patients. Journal of Allergy, 2012, 2012, 1-12.	0.7	12
46	Microparticles, not only markers but also a therapeutic target in the early stage of diabetic retinopathy and vascular aging. Expert Opinion on Therapeutic Targets, 2012, 16, 677-688.	3.4	22
47	Effect of bioaccessibility of phenolic compounds on in vitro anticancer activity of broccoli sprouts. Food Research International, 2012, 49, 469-476.	6.2	73
48	The role of connexins in prostate cancer promotion and progression. Nature Reviews Urology, 2012, 9, 274-282.	3.8	56
49	Functional heterogeneity of non-small lung adenocarcinoma cell sub-populations. Cell Biology International, 2012, 36, 99-103.	3.0	10
50	Transition of asthmatic bronchial fibroblasts to myofibroblasts is inhibited by cellâ€“cell contacts. Respiratory Medicine, 2011, 105, 1467-1475.	2.9	23
51	Fenofibrate attenuates contact-stimulated cell motility and gap junctional coupling in DU-145 human prostate cancer cell populations. Oncology Reports, 2011, 26, 447-53.	2.6	24
52	DU-145 prostate carcinoma cells that selectively transmigrate narrow obstacles express elevated levels of Cx43. Cellular and Molecular Biology Letters, 2011, 16, 625-37.	7.0	15
53	Blood monocytes stimulate migration of human pancreatic carcinoma cells in vitro: The role of tumour necrosis factor â€“ alpha. European Journal of Cell Biology, 2009, 88, 743-752.	3.6	29
54	The effect of tributyltin on human eosinophylic leukemia EoL-1 cells. Cellular and Molecular Biology Letters, 2008, 13, 67-73.	7.0	3

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55	The stage-specific function of gap junctions during tumourigenesis. Cellular and Molecular Biology Letters, 2008, 13, 92-102.	7.0	60
56	Ascorbic acid inhibits the migration of walker 256 carcinosarcoma cells. Cellular and Molecular Biology Letters, 2008, 13, 103-11.	7.0	12
57	Apigenin inhibits growth and motility but increases gap junctional coupling intensity in rat prostate carcinoma (MAT-LyLu) cell populations. Cellular and Molecular Biology Letters, 2008, 13, 327-38.	7.0	11
58	The inhibitory effect of diphenyltin on gap junctional intercellular communication in HEK-293 cells is reduced by thioredoxin reductase 1. Toxicology Letters, 2008, 183, 45-51.	0.8	6
59	Cell motility affects the intensity of gap junctional coupling in prostate carcinoma and melanoma cell populations. International Journal of Oncology, 2008, 33, 309-15.	3.3	12
60	Overexpression of thioredoxin reductase 1 inhibits migration of HEKâ€293 cells. Biology of the Cell, 2007, 99, 677-687.	2.0	30
61	Signals from Embryonic Fibroblasts Induce Adult Intestinal Epithelial Cells to Form Nestin-Positive Cells with Proliferation and Multilineage Differentiation Capacity In Vitro. Stem Cells, 2006, 24, 2085-2097.	3.2	18
62	Electromagnetic fields affect transcript levels of apoptosisâ€related genes in embryonic stem cellâ€derived neural progenitor cells. FASEB Journal, 2005, 19, 1686-1688.	0.5	157
63	Loss of beta1 integrin function results in upregulation of connexin expression in embryonic stem cell-derived cardiomyocytes. International Journal of Developmental Biology, 2005, 49, 33-41.	0.6	29
64	Contact stimulation of prostate cancer cell migration: the role of gap junctional coupling and migration stimulated by heterotypic cell-to-cell contacts in determination of the metastatic phenotype of Dunning rat prostate cancer cells. Biology of the Cell, 2005, 97, 893-903.	2.0	41
65	Flavonoid apigenin inhibits motility and invasiveness of carcinoma cellsin vitro. International Journal of Cancer, 2005, 114, 12-18.	5.1	65
66	High frequency electromagnetic fields (GSM signals) affect gene expression levels in tumor suppressor p53-deficient embryonic stem cells. Bioelectromagnetics, 2004, 25, 296-307.	1.6	104
67	Non-thermal effects of power-line magnetic fields (50Hz) on gene expression levels of pluripotent embryonic stem cellsâ€"the role of tumour suppressor p53. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 557, 63-74.	1.7	43
68	Hierarchy of carcinoma cell responses to apigenin: gap junctional coupling versus proliferation. Oncology Reports, 2004, 11, 739-44.	2.6	7
69	Spreading-independent growth of normal fibroblasts in three-dimensional cultures. Folia Biologica, 2004, 52, 19-24.	0.5	0
70	Potential of Embryonic and Adult Stem Cells in vitro. Biological Chemistry, 2003, 384, 1391-409.	2.5	113
71	Expression of Pax4 in embryonic stem cells promotes differentiation of nestin-positive progenitor and insulin-producing cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 998-1003.	7.1	429
72	Differentiation of Mouse Embryonic Stem Cells into Pancreatic and Hepatic Cells. Methods in Enzymology, 2003, 365, 287-303.	1.0	38

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73	Differentiation of Pluripotent Embryonic Stem Cells Into Cardiomyocytes. Circulation Research, 2002, 91, 189-201.	4.5	678
74	Expression and Cellular Distribution of Î±vIntegrins inÎ²1 Integrin-deficient Embryonic Stem Cell-derived Cardiac Cells. Journal of Molecular and Cellular Cardiology, 2001, 33, 521-532.	1.9	18
75	Differentiation of embryonic stem cell-derived dopaminergic neurons is enhanced by survival-promoting factors. Mechanisms of Development, 2001, 105, 93-104.	1.7	133
76	Embryonic stem cell differentiation: The role of extracellular factors. Differentiation, 2001, 68, 167-174.	1.9	216
77	Gap-Junctional Coupling Measured by Flow Cytometry. Experimental Cell Research, 2000, 255, 40-46.	2.6	60
78	Effects of cyclosporin A on contractile activity and cytoskeleton in chick embryo cardiomyocytes. Biochemistry and Cell Biology, 1999, 77, 133-140.	2.0	10
79	A new model for the research into rhythmic contraction activity of cardiomyocytes in vitro. Biochemistry and Cell Biology, 1995, 73, 431-439.	2.0	2
80	Cell motility affects the intensity of gap junctional coupling in prostate carcinoma and melanoma cell populations. International Journal of Oncology, 1992, 33, 309.	3.3	11