

Arkadiusz SuraÅ¼ynski

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,952
citations

304602

22
h-index

289141

40
g-index

80
all docs

80
docs citations

80
times ranked

2371
citing authors

#	ARTICLE	IF	CITATIONS
1	Proline oxidase activates both intrinsic and extrinsic pathways for apoptosis: the role of ROS/superoxides, NFAT and MEK/ERK signaling. <i>Oncogene</i> , 2006, 25, 5640-5647.	2.6	157
2	Prolidase-dependent regulation of collagen biosynthesis. <i>Amino Acids</i> , 2008, 35, 731-738.	1.2	136
3	MnSOD inhibits proline oxidase-induced apoptosis in colorectal cancer cells. <i>Carcinogenesis</i> , 2005, 26, 1335-1342.	1.3	113
4	Extracellular matrix and HIF-1 α signaling: The role of prolidase. <i>International Journal of Cancer</i> , 2008, 122, 1435-1440.	2.3	103
5	Proline oxidase, a p53-induced gene, targets COX-2/PGE2 signaling to induce apoptosis and inhibit tumor growth in colorectal cancers. <i>Oncogene</i> , 2008, 27, 6729-6737.	2.6	95
6	Serum and tissue level of insulin-like growth factor-I (IGF-I) and IGF-I binding proteins as an index of pancreatitis and pancreatic cancer. <i>International Journal of Experimental Pathology</i> , 2003, 83, 239-246.	0.6	75
7	Antiproliferative Activity of Derivatives of Ouabain, Digoxin and Proscillaridin A in Human MCF-7 and MDA-MB-231 Breast Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1131-1140.	0.6	72
8	The cross-talk between electrophiles, antioxidant defence and the endocannabinoid system in fibroblasts and keratinocytes after UVA and UVB irradiation. <i>Journal of Dermatological Science</i> , 2016, 81, 107-117.	1.0	62
9	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. <i>International Journal of Molecular Medicine</i> , 2003, 12, 803-9.	1.8	52
10	Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. <i>Journal of Cellular Biochemistry</i> , 2005, 96, 1086-1094.	1.2	50
11	A novel series of pyrazole-platinum(II) complexes as potential anti-cancer agents that induce cell cycle arrest and apoptosis in breast cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1006-1023.	2.5	50
12	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. <i>International Journal of Experimental Pathology</i> , 2000, 81, 341-347.	0.6	44
13	Comparison of protective effect of ascorbic acid on redox and endocannabinoid systems interactions in in vitro cultured human skin fibroblasts exposed to UV radiation and hydrogen peroxide. <i>Archives of Dermatological Research</i> , 2017, 309, 285-303.	1.1	43
14	Protective effect of hyaluronic acid on interleukin-1-induced deregulation of α 1-integrin and insulin-like growth factor-I receptor signaling and collagen biosynthesis in cultured human chondrocytes. <i>Molecular and Cellular Biochemistry</i> , 2008, 308, 57-64.	1.4	40
15	Differential effects of echistatin and thrombin on collagen production and prolidase activity in human dermal fibroblasts and their possible implication in α 1-integrin-mediated signaling. <i>Pharmacological Research</i> , 2005, 51, 217-221.	3.1	37
16	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. <i>International Journal of Experimental Pathology</i> , 2004, 81, 341-347.	0.6	31
17	Phosphorylation of prolidase increases the enzyme activity. <i>Molecular and Cellular Biochemistry</i> , 2001, 220, 95-101.	1.4	29
18	Prolidase-dependent regulation of TGF α and TGF β 2 receptor expressions in human skin fibroblasts. <i>European Journal of Pharmacology</i> , 2010, 649, 115-119.	1.7	29

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19	The effect of hyaluronic acid on interleukin-1-induced deregulation of collagen metabolism in cultured human skin fibroblasts. <i>Pharmacological Research</i> , 2005, 51, 473-477.	3.1	28
20	Erythropoietin accelerates tumor growth through increase of erythropoietin receptor (EpoR) as well as by the stimulation of angiogenesis in DLD-1 and Ht-29 xenografts. <i>Molecular and Cellular Biochemistry</i> , 2016, 421, 1-18.	1.4	27
21	Neutrophil extracellular traps (NETs) formation induced by TGF- β^2 in oral lichen planus – Possible implications for the development of oral cancer. <i>Immunobiology</i> , 2020, 225, 151901.	0.8	26
22	Defects of type I procollagen metabolism correlated with decrease of prolydase activity in a case of lethal osteogenesis imperfecta. <i>FEBS Journal</i> , 2001, 268, 2172-2178.	0.2	25
23	α<sub>llb</sub>β<sub>3</sub>-integrin Ligands: Abciximab and Eptifibatide as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. <i>Current Drug Targets</i> , 2015, 16, 1429-1437.	1.0	23
24	Mechanisms of endothelium-dependent relaxation evoked by anandamide in isolated human pulmonary arteries. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 477-486.	1.4	22
25	Verification of Chemical Composition of Commercially Available Propolis Extracts by Gas Chromatography–Mass Spectrometry Analysis. <i>Journal of Medicinal Food</i> , 2015, 18, 584-591.	0.8	21
26	Proline Oxidase (POX) as A Target for Cancer Therapy. <i>Current Drug Targets</i> , 2015, 16, 1464-1469.	1.0	21
27	Cytotoxic efficacy of a novel dinuclear platinum(II) complex in human breast cancer cells. <i>European Journal of Pharmacology</i> , 2010, 643, 34-41.	1.7	20
28	Synergistic action of cisplatin and echistatin in MDA-MB-231 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2017, 427, 13-22.	1.4	20
29	Differential effect of platelet-rich plasma fractions on &beta;1-integrin signaling, collagen biosynthesis, and prolydase activity in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1849-1857.	2.0	20
30	The effect of Telmisartan on collagen biosynthesis depends on the status of estrogen activation in breast cancer cells. <i>European Journal of Pharmacology</i> , 2010, 628, 51-56.	1.7	19
31	Functional Consequences of Intracellular Proline Levels Manipulation Affecting PRODH/POX–Dependent Pro-Apoptotic Pathways in a Novel in Vitro Cell Culture Model. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 670-684.	1.1	19
32	Exploration of novel heterofused 1,2,4-triazine derivative in colorectal cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 535-548.	2.5	18
33	Simultaneous use of erythropoietin and LFMਓ as a new therapeutic approach for colorectal cancer. <i>British Journal of Pharmacology</i> , 2018, 175, 743-762.	2.7	16
34	Differences and similarities in the phenomenon of NETs formation in oral inflammation and in oral squamous cell carcinoma. <i>Journal of Cancer</i> , 2018, 9, 1958-1965.	1.2	16
35	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>European Journal of Pharmacology</i> , 2001, 419, 139-145.	1.7	15
36	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. <i>International Journal of Molecular Medicine</i> , 2003, 12, 803.	1.8	15

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37	Methylparaben-induced decrease in collagen production and viability of cultured human dermal fibroblasts. <i>Journal of Applied Toxicology</i> , 2017, 37, 1117-1124.	1.4	15
38	A novel plausible mechanism of NSAIDs-induced apoptosis in cancer cells: the implication of proline oxidase and peroxisome proliferator-activated receptor. <i>Pharmacological Reports</i> , 2020, 72, 1152-1160.	1.5	15
39	Inhibition of prolylase activity by nickel causes decreased growth of proline auxotrophic CHO cells. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 1210-1217.	1.2	14
40	The molecular mechanism of anticancer action of novel octahydropyrazino[2,1-a:5,4-a ²]diisoquinoline derivatives in human gastric cancer cells. <i>Investigational New Drugs</i> , 2018, 36, 970-984.	1.2	14
41	Prolylase activity dysregulation in chronic pancreatitis and pancreatic cancer. <i>Hepato-Gastroenterology</i> , 2002, 49, 1699-703.	0.5	14
42	The effect of estrogen on prolylase-dependent regulation of HIF-1 α expression in breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 29-36.	1.4	13
43	Influence of caffeine and hyaluronic acid on collagen biosynthesis in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1923.	2.0	13
44	Estrogen-dependent Regulation of PPAR- β Signaling on Collagen Biosynthesis in Adenocarcinoma Endometrial Cells. <i>Neoplasia</i> , 2009, 56, 448-454.	0.7	12
45	P5C as an Interface of Proline Interconvertible Amino Acids and Its Role in Regulation of Cell Survival and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11763.	1.8	12
46	Acetylsalicylic acid-dependent inhibition of collagen biosynthesis and beta1-integrin signaling in cultured fibroblasts. <i>Medical Science Monitor</i> , 2004, 10, BR175-9.	0.5	12
47	The Interaction of Bee Products With Temozolomide in Human Diffuse Astrocytoma, Glioblastoma Multiforme and Astroglia Cell Lines. <i>Nutrition and Cancer</i> , 2014, 66, 1247-1256.	0.9	11
48	Cross-talk between integrin receptor and insulin-like growth factor receptor in regulation of collagen biosynthesis in cultured fibroblasts. <i>Advances in Medical Sciences</i> , 2013, 58, 292-297.	0.9	10
49	Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. <i>Oncotarget</i> , 2018, 9, 13748-13757.	0.8	10
50	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>Biorganic and Medicinal Chemistry</i> , 2006, 14, 8155-8161.	1.4	9
51	The effect of glucose deprivation on collagen synthesis in fibroblast cultures. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 211-218.	1.4	9
52	The effect of prolactin and estrogen cross-talk on prolylase-dependent signaling in MCF-7 cells. <i>Neoplasia</i> , 2013, 60, 355-363.	0.7	9
53	The Effects of a Novel Series of KTKS Analogues on Cytotoxicity and Proteolytic Activity. <i>Molecules</i> , 2019, 24, 3698.	1.7	9
54	Cancers Cells in Traps? The Pathways of NETs Formation in Response to OSCC in Humans – A Pilot Study. <i>Cancer Control</i> , 2020, 27, 107327482096047.	0.7	9

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55	Heterobasidion annosum Induces Apoptosis in DLD-1 Cells and Decreases Colon Cancer Growth in In Vivo Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3447.	1.8	9
56	MM-129 as a Novel Inhibitor Targeting PI3K/AKT/mTOR and PD-L1 in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 3203.	1.7	9
57	Overexpression of Prolidase Induces Autophagic Death in MCF-7 Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 875-887.	1.1	9
58	The possible pre -and post -UVA radiation protective effect of amaranth oil on human skin fibroblast cells. <i>Pharmacognosy Magazine</i> , 2017, 13, 339.	0.3	9
59	Nonsteroidal Anti-Inflammatory Drugs as PPAR γ Agonists Can Induce PROD β /POX-Dependent Apoptosis in Breast Cancer Cells: New Alternative Pathway in NSAID-Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1510.	1.8	9
60	Metronidazole affects breast cancer cell lines. <i>Advances in Medical Sciences</i> , 2013, 58, 90-95.	0.9	8
61	Hyaluronic acid abrogates ethanol-dependent inhibition of collagen biosynthesis in cultured human fibroblasts. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6225.	2.0	8
62	Phenotype variability in a daughter and father with mild osteogenesis imperfecta correlated with collagen and prolidase levels in cultured skin fibroblasts. <i>Annals of Clinical Biochemistry</i> , 2005, 42, 80-84.	0.8	8
63	The effect of a novel dinuclear platinum complex with berenil and 2-picoline ligands on growth of human breast cancer cells. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 609-14.	0.3	8
64	Melanin counter act puromycin-induced inhibition of collagen and DNA biosynthesis in human skin fibroblasts. <i>Life Sciences</i> , 2005, 77, 528-538.	2.0	7
65	Hyaluronic acid abrogates nitric oxide-dependent stimulation of collagen degradation in cultured human chondrocytes. <i>Pharmacological Research</i> , 2009, 60, 46-49.	3.1	7
66	The Potential Mechanism of Tiliroside-Dependent Inhibition of t-Butylhydroperoxide-Induced Oxidative Stress in Endometrial Carcinoma Cells. <i>Planta Medica</i> , 2010, 76, 963-968.	0.7	7
67	Gly511 to Ser substitution in the COL1A1 gene in osteogenesis imperfecta type III patient with increased turnover of collagen. <i>Molecular and Cellular Biochemistry</i> , 2003, 248, 49-56.	1.4	6
68	Erythropoietin Enhances the Cytotoxic Effect of Hydrogen Peroxide on Colon Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 127-137.	0.9	6
69	Novel dinuclear platinum(II) complexes targets NF κ B signaling pathway to induce apoptosis and inhibit metabolism of MCF-7 breast cancer cells.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, S141-6.	0.6	6
70	Prolidase Dependent Inhibition of Collagen Biosynthesis in Chinese Hamster Ovary Cells. <i>Journal of Biochemistry</i> , 2008, 144, 409-414.	0.9	5
71	Peptides with 6-Aminohexanoic Acid: Synthesis and Evaluation as Plasmin Inhibitors. <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 235-245.	0.9	5
72	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , 2021, 53, 1943-1956.	1.2	5

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73	Synthesis and Biological Activity of N-Sulfonyltriptides with C-Terminal Arginine as Potential Serine Proteases Inhibitors. <i>International Journal of Peptide Research and Therapeutics</i> , 2013, 19, 191-198.	0.9	4
74	The intensification of anticancer activity of LFM-A13 by erythropoietin as a possible option for inhibition of breast cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1697-1711.	2.5	4
75	4- ² -Chlorodiazepam Agonist of peripheral benzodiazepine receptors as a protecting factor in IL-1 induced deregulation of collagen biosynthesis in cultured human chondrocytes. <i>European Journal of Pharmacology</i> , 2010, 647, 31-36.	1.7	3
76	Tripeptides with non-code amino acids as potential serine proteases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 639-643.	2.5	3
77	Combined therapy with disintegrin and melphalan as a new strategy in inhibition of endometrial cancer cell line (Ishikawa) growth.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, S121-5.	0.6	3
78	NSAIDs Induce Proline Dehydrogenase/Proline Oxidase-Dependent and Independent Apoptosis in MCF7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3813.	1.8	2
79	Estrogenic and antiestrogenic effects of raloxifene on collagen metabolism in breast cancer MCF-7 cells. <i>Gynecological Endocrinology</i> , 2001, 15, 225-233.	0.7	2
80	Mechanism of pro-apoptotic action of prosthetic restorations on oral mucosa cells. <i>Advances in Medical Sciences</i> , 2020, 65, 134-140.	0.9	1