Arkadiusz SuraÅ¼ynski

List of Publications by Year
in descending order

80 papers	1,952 citations	304743 22 h-index	289244 40 g-index
80 all docs	80 docs citations	80 times ranked	2371 citing authors

#	Article	IF	Citations
1	Nonsteroidal Anti-Inflammatory Drugs as PPARÎ³ Agonists Can Induce PRODH/POX-Dependent Apoptosis in Breast Cancer Cells: New Alternative Pathway in NSAID-Induced Apoptosis. International Journal of Molecular Sciences, 2022, 23, 1510.	4.1	9
2	NSAIDs Induce Proline Dehydrogenase/Proline Oxidase-Dependent and Independent Apoptosis in MCF7 Breast Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 3813.	4.1	2
3	Exploration of novel heterofused 1,2,4-triazine derivative in colorectal cancer. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 535-548.	5.2	18
4	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. Amino Acids, 2021, 53, 1943-1956.	2.7	5
5	MM-129 as a Novel Inhibitor Targeting PI3K/AKT/mTOR and PD-L1 in Colorectal Cancer. Cancers, 2021, 13, 3203.	3.7	9
6	P5C as an Interface of Proline Interconvertible Amino Acids and Its Role in Regulation of Cell Survival and Apoptosis. International Journal of Molecular Sciences, 2021, 22, 11763.	4.1	12
7	Neutrophil extracellular traps (NETs) formation induced by TGF-Î² in oral lichen planus â€“ Possible implications for the development of oral cancer. Immunobiology, 2020, 225, 151901.	1.9	26
8	Cancers Cells in Traps? The Pathways of NETs Formation in Response to OSCC in Humansâ€"A Pilot Study. Cancer Control, 2020, 27, 107327482096047.	1.8	9
9	A novel plausible mechanism of NSAIDs-induced apoptosis in cancer cells: the implication of proline oxidase and peroxisome proliferator-activated receptor. Pharmacological Reports, 2020, 72, 1152-1160.	3.3	15
10	The intensification of anticancer activity of LFM-A13 by erythropoietin as a possible option for inhibition of breast cancer. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1697-1711.	5.2	4
11	Heterobasidion annosum Induces Apoptosis in DLD-1 Cells and Decreases Colon Cancer Growth in In Vivo Model. International Journal of Molecular Sciences, 2020, 21, 3447.	4.1	9
12	Mechanism of pro-apoptotic action of prosthetic restorations on oral mucosa cells. Advances in Medical Sciences, 2020, 65, 134-140.	2.1	1
13	Overexpression of Prolidase Induces Autophagic Death in MCF-7 Breast Cancer Cells. Cellular Physiology and Biochemistry, 2020, 54, 875-887.	1.6	9
14	The Effects of a Novel Series of KTTKS Analogues on Cytotoxicity and Proteolytic Activity. Molecules, 2019, 24, 3698.	3.8	9
15	The molecular mechanism of anticancer action of novel octahydropyrazino[2,1-a:5,4-aâ€²]diisoquinoline derivatives in human gastric cancer cells. Investigational New Drugs, 2018, 36, 970-984.	2.6	14
16	Simultaneous use of erythropoietin and LFMâ€A13 as a new therapeutic approach for colorectal cancer. British Journal of Pharmacology, 2018, 175, 743-762.	5.4	16
17	Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. Oncotarget, 2018, 9, 13748-13757.	1.8	10
18	Differences and similarities in the phenomenon of NETs formation in oral inflammation and in oral squamous cell carcinoma. Journal of Cancer, 2018, 9, 1958-1965.	2.5	16

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19	A novel series of pyrazole-platinum(II) complexes as potential anti-cancer agents that induce cell cycle arrest and apoptosis in breast cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1006-1023.	5.2	50
20	Synergistic action of cisplatin and echistatin in MDA-MB-231 breast cancer cells. Molecular and Cellular Biochemistry, 2017, 427, 13-22.	3.1	20
21	Peptides with 6-Aminohexanoic Acid: Synthesis and Evaluation as Plasmin Inhibitors. International Journal of Peptide Research and Therapeutics, 2017, 23, 235-245.	1.9	5
22	Methylparabenâ€induced decrease in collagen production and viability of cultured human dermal fibroblasts. Journal of Applied Toxicology, 2017, 37, 1117-1124.	2.8	15
23	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. Archives of Dermatological Research, 2017, 309, 285-303.	1.9	43
24	Functional Consequences of Intracellular Proline Levels Manipulation Affecting PRODH/POXâ€"Dependent Pro-Apoptotic Pathways in a Novel in Vitro Cell Culture Model. Cellular Physiology and Biochemistry, 2017, 43, 670-684.	1.6	19
25	Differential effect of platelet-rich plasma fractions on β1-integrin signaling, collagen biosynthesis, and prolidase activity in human skin fibroblasts. Drug Design, Development and Therapy, 2017, Volume 11, 1849-1857.	4.3	20
26	Erythropoietin Enhances the Cytotoxic Effect of Hydrogen Peroxide on Colon Cancer Cells. Current Pharmaceutical Biotechnology, 2017, 18, 127-137.	1.6	6
27	The possible pre -and post -UVA radiation protective effect of amaranth oil on human skin fibroblast cells. Pharmacognosy Magazine, 2017, 13, 339.	0.6	9
28	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. Molecular and Cellular Biochemistry, 2016, 421, 1-18.	3.1	27
29	The cross-talk between electrophiles, antioxidant defence and the endocannabinoid system in fibroblasts and keratinocytes after UVA and UVB irradiation. Journal of Dermatological Science, 2016, 81, 107-117.	1.9	62
30	Hyaluronic acid abrogates ethanol-dependent inhibition of collagen biosynthesis in cultured human fibroblasts. Drug Design, Development and Therapy, 2015, 9, 6225.	4.3	8
31	Verification of Chemical Composition of Commercially Available Propolis Extracts by Gas Chromatographyâ€"Mass Spectrometry Analysis. Journal of Medicinal Food, 2015, 18, 584-591.	1.5	21
32	α_{IIb}β₃-integrin Ligands: Abciximab and Eptifibatide as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. Current Drug Targets, 2015, 16, 1429-1437.	2.1	23
33	Proline Oxidase (POX) as A Target for Cancer Therapy. Current Drug Targets, 2015, 16, 1464-1469.	2.1	21
34	Influence of caffeine and hyaluronic acid on collagen biosynthesis in human skin fibroblasts. Drug Design, Development and Therapy, 2014, 8, 1923.	4.3	13
35	The Interaction of Bee Products With Temozolomide in Human Diffuse Astrocytoma, Glioblastoma Multiforme and Astroglia Cell Lines. Nutrition and Cancer, 2014, 66, 1247-1256.	2.0	11
36	Mechanisms of endothelium-dependent relaxation evoked by anandamide in isolated human pulmonary arteries. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 477-486.	3.0	22

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37	Synthesis and Biological Activity of N-Sulfonyltripeptides with C-Terminal Arginine as Potential Serine Proteases Inhibitors. International Journal of Peptide Research and Therapeutics, 2013, 19, 191-198.	1.9	4
38	The effect of estrogen on prolidase-dependent regulation of HIF-1Î± expression in breast cancer cells. Molecular and Cellular Biochemistry, 2013, 379, 29-36.	3.1	13
39	Metronidazole affects breast cancer cell lines. Advances in Medical Sciences, 2013, 58, 90-95.	2.1	8
40	Cross-talk between integrin receptor and insulin-like growth factor receptor in regulation of collagen biosynthesis in cultured fibroblasts. Advances in Medical Sciences, 2013, 58, 292-297.	2.1	10
41	Tripeptides with non-code amino acids as potential serine proteases inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 639-643.	5.2	3
42	The effect of prolactin and estrogen cross-talk on prolidaseâ€“ dependent signaling in MCF-7 cells. Neoplasma, 2013, 60, 355-363.	1.6	9
43	The effect of Telmisartan on collagen biosynthesis depends on the status of estrogen activation in breast cancer cells. European Journal of Pharmacology, 2010, 628, 51-56.	3.5	19
44	Cytotoxic efficacy of a novel dinuclear platinum(II) complex in human breast cancer cells. European Journal of Pharmacology, 2010, 643, 34-41.	3.5	20
45	4â€²-Chlorodiazepam â€" Agonist of peripheral benzodiazepine receptors as a protecting factor in IL-1 induced deregulation of collagen biosynthesis in cultured human chondrocytes. European Journal of Pharmacology, 2010, 647, 31-36.	3.5	3
46	Prolidase-dependent regulation of TGF c and TGF Î² receptor expressions in human skin fibroblasts. European Journal of Pharmacology, 2010, 649, 115-119.	3.5	29
47	The Potential Mechanism of Tiliroside-Dependent Inhibition of t-Butylhydroperoxide-Induced Oxidative Stress in Endometrial Carcinoma Cells. Planta Medica, 2010, 76, 963-968.	1.3	7
48	Combined therapy with disintegrin and melphalan as a new strategy in inhibition of endometrial cancer cell line (Ishikawa) growth.. Folia Histochemica Et Cytobiologica, 2010, 47, S121-5.	1.5	3
49	Novel dinuclear platinum(II) complexes targets NFkappaB signaling pathway to induce apoptosis and inhibit metabolism of MCF-7 breast cancer cells.. Folia Histochemica Et Cytobiologica, 2010, 47, S141-6.	1.5	6
50	The effect of a novel dinuclear platinum complex with berenil and 2-picoline ligands on growth of human breast cancer cells. Acta Poloniae Pharmaceutica, 2010, 67, 609-14.	0.1	8
51	Estrogen-dependent Regulation of PPAR-Î³ Signaling on Collagen Biosynthesis in Adenocarcinoma Endometrial Cells. Neoplasma, 2009, 56, 448-454.	1.6	12
52	The effect of glucose deprivation on collagen synthesis in fibroblast cultures. Molecular and Cellular Biochemistry, 2009, 327, 211-218.	3.1	9
53	Hyaluronic acid abrogates nitric oxide-dependent stimulation of collagen degradation in cultured human chondrocytes. Pharmacological Research, 2009, 60, 46-49.	7.1	7
54	Protective effect of hyaluronic acid on interleukin-1-induced deregulation of Î²1-integrin and insulin-like growth factor-I receptor signaling and collagen biosynthesis in cultured human chondrocytes. Molecular and Cellular Biochemistry, 2008, 308, 57-64.	3.1	40

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55	Prolidase-dependent regulation of collagen biosynthesis. Amino Acids, 2008, 35, 731-738.	2.7	136
56	Extracellular matrix and HIFâ€1 signaling: The role of prolidase. International Journal of Cancer, 2008, 122, 1435-1440.	5.1	103
57	Proline oxidase, a p53-induced gene, targets COX-2/PGE2 signaling to induce apoptosis and inhibit tumor growth in colorectal cancers. Oncogene, 2008, 27, 6729-6737.	5.9	95
58	Prolidase Dependent Inhibition of Collagen Biosynthesis in Chinese Hamster Ovary Cells. Journal of Biochemistry, 2008, 144, 409-414.	1.7	5
59	Antiproliferative Activity of Derivatives of Ouabain, Digoxin and Proscillaridin A in Human MCF-7 and MDA-MB-231 Breast Cancer Cells. Biological and Pharmaceutical Bulletin, 2008, 31, 1131-1140.	1.4	72
60	Proline oxidase activates both intrinsic and extrinsic pathways for apoptosis: the role of ROS/superoxides, NFAT and MEK/ERK signaling. Oncogene, 2006, 25, 5640-5647.	5.9	157
61	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. Bioorganic and Medicinal Chemistry, 2006, 14, 8155-8161.	3.0	9
62	Inhibition of prolidase activity by nickel causes decreased growth of proline auxotrophic CHO cells. Journal of Cellular Biochemistry, 2005, 94, 1210-1217.	2.6	14
63	Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. Journal of Cellular Biochemistry, 2005, 96, 1086-1094.	2.6	50
64	MnSOD inhibits proline oxidase-induced apoptosis in colorectal cancer cells. Carcinogenesis, 2005, 26, 1335-1342.	2.8	113
65	Melanin counter act puromycin-induced inhibition of collagen and DNA biosynthesis in human skin fibroblasts. Life Sciences, 2005, 77, 528-538.	4.3	7
66	Differential effects of echistatin and thrombin on collagen production and prolidase activity in human dermal fibroblasts and their possible implication in Î²1-integrin-mediated signaling. Pharmacological Research, 2005, 51, 217-221.	7.1	37
67	The effect of hyaluronic acid on interleukin-1-induced deregulation of collagen metabolism in cultured human skin fibroblasts. Pharmacological Research, 2005, 51, 473-477.	7.1	28
68	Phenotype variability in a daughter and father with mild osteogenesis imperfecta correlated with collagen and prolidase levels in cultured skin fibroblasts. Annals of Clinical Biochemistry, 2005, 42, 80-84.	1.6	8
69	Acetylsalicylic acid-dependent inhibition of collagen biosynthesis and beta1-integrin signaling in cultured fibroblasts. Medical Science Monitor, 2004, 10, BR175-9.	1.1	12
70	Gly511 to Ser substitution in the COL1A1 gene in osteogenesis imperfecta type III patient with increased turnover of collagen. Molecular and Cellular Biochemistry, 2003, 248, 49-56.	3.1	6
71	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. International Journal of Experimental Pathology, 2003, 83, 239-246.	1.3	75
72	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. International Journal of Molecular Medicine, 2003, 12, 803.	4.0	15

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73	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. International Journal of Molecular Medicine, 2003, 12, 803-9.	4.0	52
74	Prolidase activity disregulation in chronic pancreatitis and pancreatic cancer. Hepato-Gastroenterology, 2002, 49, 1699-703.	0.5	14
75	Defects of type I procollagen metabolism correlated with decrease of prolidase activity in a case of lethal osteogenesis imperfecta. FEBS Journal, 2001, 268, 2172-2178.	0.2	25
76	Phosphorylation of prolidase increases the enzyme activity. Molecular and Cellular Biochemistry, 2001, 220, 95-101.	3.1	29
77	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. European Journal of Pharmacology, 2001, 419, 139-145.	3.5	15
78	Estrogenic and antiestrogenic effects of raloxifene on collagen metabolism in breast cancer MCF-7 cells. Gynecological Endocrinology, 2001, 15, 225-233.	1.7	2
79	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. International Journal of Experimental Pathology, 2000, 81, 341-347.	1.3	31
80	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. International Journal of Experimental Pathology, 2000, 81, 341-347.	1.3	44