

Arkadiusz Sura^{1/4}ynski

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	Nonsteroidal Anti-Inflammatory Drugs as PPAR ^α Agonists Can Induce PRODH/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
2	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
3	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
4	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , 2021, 53, 1943-1956.	1.2	5
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	The Effects of a Novel Series of KTTKS Analogues on Cytotoxicity and Proteolytic Activity. <i>Molecules</i> , 2019, 24, 3698.	1.7	9
15	The molecular mechanism of anticancer action of novel octahydropyrazino[2,1-a:5,4-a']diisoquinoline derivatives in human gastric cancer cells. <i>Investigational New Drugs</i> , 2018, 36, 970-984.	1.2	14
16	Simultaneous use of erythropoietin and LFM-A13 as a new therapeutic approach for colorectal cancer. <i>British Journal of Pharmacology</i> , 2018, 175, 743-762.	2.7	16
17	Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. <i>Oncotarget</i> , 2018, 9, 13748-13757.	0.8	10
18	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

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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. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1006-1023.	2.5	50
20	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
21	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
22	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
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. <i>Archives of Dermatological Research</i> , 2017, 309, 285-303.	1.1	43
24	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
25	Differential effect of platelet-rich plasma fractions on α 2 β 1-integrin signaling, collagen biosynthesis, and prolidase activity in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1849-1857.	2.0	20
26	Erythropoietin Enhances the Cytotoxic Effect of Hydrogen Peroxide on Colon Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 127-137.	0.9	6
27	The possible pre- and post-UVB radiation protective effect of amaranth oil on human skin fibroblast cells. <i>Pharmacognosy Magazine</i> , 2017, 13, 339.	0.3	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. <i>Molecular and Cellular Biochemistry</i> , 2016, 421, 1-18.	1.4	27
29	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
30	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
31	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
32	α 2 β 1-integrin Ligands: Abciximab and Eptifibatid as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. <i>Current Drug Targets</i> , 2015, 16, 1429-1437.	1.0	23
33	Proline Oxidase (POX) as A Target for Cancer Therapy. <i>Current Drug Targets</i> , 2015, 16, 1464-1469.	1.0	21
34	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
35	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
36	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

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37	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
38	The effect of estrogen on prolidase-dependent regulation of HIF-1 α expression in breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 29-36.	1.4	13
39	Metronidazole affects breast cancer cell lines. <i>Advances in Medical Sciences</i> , 2013, 58, 90-95.	0.9	8
40	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
41	Triptides 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
42	The effect of prolactin and estrogen cross-talk on prolidase-dependent signaling in MCF-7 cells. <i>Neoplasma</i> , 2013, 60, 355-363.	0.7	9
43	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
44	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
45	4 α -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
46	Prolidase-dependent regulation of TGF α and TGF β receptor expressions in human skin fibroblasts. <i>European Journal of Pharmacology</i> , 2010, 649, 115-119.	1.7	29
47	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
48	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
49	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
50	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
51	Estrogen-dependent Regulation of PPAR γ Signaling on Collagen Biosynthesis in Adenocarcinoma Endometrial Cells. <i>Neoplasma</i> , 2009, 56, 448-454.	0.7	12
52	The effect of glucose deprivation on collagen synthesis in fibroblast cultures. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 211-218.	1.4	9
53	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
54	Protective effect of hyaluronic acid on interleukin-1-induced deregulation of β 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

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55	Prolidase-dependent regulation of collagen biosynthesis. <i>Amino Acids</i> , 2008, 35, 731-738.	1.2	136
56	Extracellular matrix and HIF-1 signaling: The role of prolidase. <i>International Journal of Cancer</i> , 2008, 122, 1435-1440.	2.3	103
57	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
58	Prolidase Dependent Inhibition of Collagen Biosynthesis in Chinese Hamster Ovary Cells. <i>Journal of Biochemistry</i> , 2008, 144, 409-414.	0.9	5
59	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
60	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
61	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8155-8161.	1.4	9
62	Inhibition of prolidase activity by nickel causes decreased growth of proline auxotrophic CHO cells. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 1210-1217.	1.2	14
63	Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. <i>Journal of Cellular Biochemistry</i> , 2005, 96, 1086-1094.	1.2	50
64	MnSOD inhibits proline oxidase-induced apoptosis in colorectal cancer cells. <i>Carcinogenesis</i> , 2005, 26, 1335-1342.	1.3	113
65	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
66	Differential effects of echistatin and thrombin on collagen production and prolidase activity in human dermal fibroblasts and their possible implication in $\alpha_2\beta_1$ -integrin-mediated signaling. <i>Pharmacological Research</i> , 2005, 51, 217-221.	3.1	37
67	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
68	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
69	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planeoepitheliale. <i>International Journal of Experimental Pathology</i> , 2004, 81, 341-347.	0.6	31
70	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
71	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
72	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

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73	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
74	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
75	Prolidase activity disregulation in chronic pancreatitis and pancreatic cancer. <i>Hepato-Gastroenterology</i> , 2002, 49, 1699-703.	0.5	14
76	Defects of type I procollagen metabolism correlated with decrease of prolidase activity in a case of lethal osteogenesis imperfecta. <i>FEBS Journal</i> , 2001, 268, 2172-2178.	0.2	25
77	Phosphorylation of prolidase increases the enzyme activity. <i>Molecular and Cellular Biochemistry</i> , 2001, 220, 95-101.	1.4	29
78	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
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	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