

# Arkadiusz Surazynski

## List of Publications by Citations

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77  
papers

1,513  
citations

21  
h-index

36  
g-index

80  
ext. papers

1,740  
ext. citations

4.2  
avg. IF

4.32  
L-index

#	Paper	IF	Citations
77	Proline oxidase activates both intrinsic and extrinsic pathways for apoptosis: the role of ROS/superoxides, NFAT and MEK/ERK signaling. <i>Oncogene</i> , <b>2006</b> , 25, 5640-7	9.2	128
76	Prolidase-dependent regulation of collagen biosynthesis. <i>Amino Acids</i> , <b>2008</b> , 35, 731-8	3.5	118
75	MnSOD inhibits proline oxidase-induced apoptosis in colorectal cancer cells. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1335-42	4.6	98
74	Extracellular matrix and HIF-1 signaling: the role of prolidase. <i>International Journal of Cancer</i> , <b>2008</b> , 122, 1435-40	7.5	77
73	Proline oxidase, a p53-induced gene, targets COX-2/PGE2 signaling to induce apoptosis and inhibit tumor growth in colorectal cancers. <i>Oncogene</i> , <b>2008</b> , 27, 6729-37	9.2	76
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> , <b>2002</b> , 83, 239-45	2.8	65
71	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> , <b>2008</b> , 31, 1131-40	2.3	58
70	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> , <b>2016</b> , 81, 107-17	4.3	48
69	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. <i>International Journal of Molecular Medicine</i> , <b>2003</b> , 12, 803-9	4.4	47
68	Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 96, 1086-94	4.7	46
67	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. <i>International Journal of Experimental Pathology</i> , <b>2000</b> , 81, 341-347	2.8	39
66	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> , <b>2018</b> , 33, 1006-1023	5.6	35
65	Differential effects of echistatin and thrombin on collagen production and prolidase activity in human dermal fibroblasts and their possible implication in beta1-integrin-mediated signaling. <i>Pharmacological Research</i> , <b>2005</b> , 51, 217-21	10.2	34
64	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> , <b>2017</b> , 309, 285-303	3.3	33
63	Protective effect of hyaluronic acid on interleukin-1-induced deregulation of beta1-integrin and insulin-like growth factor-I receptor signaling and collagen biosynthesis in cultured human chondrocytes. <i>Molecular and Cellular Biochemistry</i> , <b>2008</b> , 308, 57-64	4.2	31
62	Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale. <i>International Journal of Experimental Pathology</i> , <b>2000</b> , 81, 341-7	2.8	27
61	Phosphorylation of prolidase increases the enzyme activity. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 220, 95-101	4.2	26

60	Prolidase-dependent regulation of TGF $\beta$ 1 (corrected) and TGF $\beta$ 2 receptor expressions in human skin fibroblasts. <i>European Journal of Pharmacology</i> , <b>2010</b> , 649, 115-9	5.3	23
59	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> , <b>2016</b> , 421, 1-18	4.2	22
58	The effect of hyaluronic acid on interleukin-1-induced deregulation of collagen metabolism in cultured human skin fibroblasts. <i>Pharmacological Research</i> , <b>2005</b> , 51, 473-7	10.2	22
57	Mechanisms of endothelium-dependent relaxation evoked by anandamide in isolated human pulmonary arteries. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2014</b> , 387, 477-86	3.4	21
56	Defects of type I procollagen metabolism correlated with decrease of prolidase activity in a case of lethal osteogenesis imperfecta. <i>FEBS Journal</i> , <b>2001</b> , 268, 2172-8		20
55	Cytotoxic efficacy of a novel dinuclear platinum(II) complex in human breast cancer cells. <i>European Journal of Pharmacology</i> , <b>2010</b> , 643, 34-41	5.3	19
54	$\alpha$ 5 $\beta$ 1-integrin Ligands: Abciximab and Eptifibatid as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. <i>Current Drug Targets</i> , <b>2015</b> , 16, 1429-37	3	18
53	The effect of Telmisartan on collagen biosynthesis depends on the status of estrogen activation in breast cancer cells. <i>European Journal of Pharmacology</i> , <b>2010</b> , 628, 51-6	5.3	17
52	Synergistic action of cisplatin and echistatin in MDA-MB-231 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 427, 13-22	4.2	14
51	Differential effect of platelet-rich plasma fractions on $\alpha$ 1-integrin signaling, collagen biosynthesis, and prolidase activity in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , <b>2017</b> , 11, 1849-1857	4.4	14
50	Inhibition of prolidase activity by nickel causes decreased growth of proline auxotrophic CHO cells. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 94, 1210-7	4.7	13
49	Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>European Journal of Pharmacology</i> , <b>2001</b> , 419, 139-45	5.3	13
48	Proline Oxidase (POX) as A Target for Cancer Therapy. <i>Current Drug Targets</i> , <b>2015</b> , 16, 1464-9	3	13
47	Simultaneous use of erythropoietin and LFM-A13 as a new therapeutic approach for colorectal cancer. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 743-762	8.6	13
46	Prolidase activity disregulation in chronic pancreatitis and pancreatic cancer. <i>Hepato-Gastroenterology</i> , <b>2002</b> , 49, 1699-703		13
45	Verification of chemical composition of commercially available propolis extracts by gas chromatography-mass spectrometry analysis. <i>Journal of Medicinal Food</i> , <b>2015</b> , 18, 584-91	2.8	12
44	Differences and similarities in the phenomenon of NETs formation in oral inflammation and in oral squamous cell carcinoma. <i>Journal of Cancer</i> , <b>2018</b> , 9, 1958-1965	4.5	12
43	Acetylsalicylic acid-dependent inhibition of collagen biosynthesis and beta1-integrin signaling in cultured fibroblasts. <i>Medical Science Monitor</i> , <b>2004</b> , 10, BR175-9	3.2	11

42	Methylparaben-induced decrease in collagen production and viability of cultured human dermal fibroblasts. <i>Journal of Applied Toxicology</i> , <b>2017</b> , 37, 1117-1124	4.1	10
41	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> , <b>2017</b> , 43, 670-684	3.9	10
40	Influence of caffeine and hyaluronic acid on collagen biosynthesis in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , <b>2014</b> , 8, 1923-8	4.4	10
39	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> , <b>2013</b> , 58, 292-7	2.8	9
38	The effect of prolactin and estrogen cross-talk on prolidase- dependent signaling in MCF-7 cells. <i>Neoplasma</i> , <b>2013</b> , 60, 355-63	3.3	9
37	Estrogen-dependent regulation of PPAR-gamma signaling on collagen biosynthesis in adenocarcinoma endometrial cells. <i>Neoplasma</i> , <b>2009</b> , 56, 448-54	3.3	9
36	The effect of estrogen on prolidase-dependent regulation of HIF-1 $\alpha$ expression in breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , <b>2013</b> , 379, 29-36	4.2	8
35	The interaction of bee products with temozolomide in human diffuse astrocytoma, glioblastoma multiforme and astroglia cell lines. <i>Nutrition and Cancer</i> , <b>2014</b> , 66, 1247-56	2.8	8
34	The effect of glucose deprivation on collagen synthesis in fibroblast cultures. <i>Molecular and Cellular Biochemistry</i> , <b>2009</b> , 327, 211-8	4.2	8
33	Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8155-61	3.4	8
32	Neutrophil extracellular traps (NETs) formation induced by TGF- $\beta$ 1n oral lichen planus - Possible implications for the development of oral cancer. <i>Immunobiology</i> , <b>2020</b> , 225, 151901	3.4	8
31	Exploration of novel heterofused 1,2,4-triazine derivative in colorectal cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 535-548	5.6	8
30	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> , <b>2010</b> , 67, 609-14	1.3	8
29	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> , <b>2018</b> , 36, 970-984	4.3	7
28	The potential mechanism of tiliroside-dependent inhibition of t-butylhydroperoxide-induced oxidative stress in endometrial carcinoma cells. <i>Planta Medica</i> , <b>2010</b> , 76, 963-8	3.1	7
27	Melanin counter act puromycin-induced inhibition of collagen and DNA biosynthesis in human skin fibroblasts. <i>Life Sciences</i> , <b>2005</b> , 77, 528-38	6.8	7
26	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> , <b>2005</b> , 42, 80-4	2.2	7
25	The Possible Pre- and Post-UVA Radiation Protective Effect of Amaranth Oil on Human Skin Fibroblast Cells. <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, S339-S343	0.8	7

24	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> , <b>2020</b> , 72, 1152-1160	3.9	7
23	Hyaluronic acid abrogates nitric oxide-dependent stimulation of collagen degradation in cultured human chondrocytes. <i>Pharmacological Research</i> , <b>2009</b> , 60, 46-9	10.2	6
22	Peptides with 6-Aminohexanoic Acid: Synthesis and Evaluation as Plasmin Inhibitors. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2017</b> , 23, 235-245	2.1	5
21	Induces Apoptosis in DLD-1 Cells and Decreases Colon Cancer Growth in In Vivo Model. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
20	Metronidazole affects breast cancer cell lines. <i>Advances in Medical Sciences</i> , <b>2013</b> , 58, 90-5	2.8	5
19	Hyaluronic acid abrogates ethanol-dependent inhibition of collagen biosynthesis in cultured human fibroblasts. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 6225-33	4.4	5
18	Prolidase dependent inhibition of collagen biosynthesis in Chinese hamster ovary cells. <i>Journal of Biochemistry</i> , <b>2008</b> , 144, 409-14	3.1	5
17	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> , <b>2003</b> , 248, 49-56	4.2	5
16	Novel dinuclear platinum(II) complexes targets NFkappaB signaling pathway to induce apoptosis and inhibit metabolism of MCF-7 breast cancer cells. <i>Folia Histochemica Et Cytobiologica</i> , <b>2009</b> , 47, S141-6	1.4	5
15	Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. <i>Oncotarget</i> , <b>2018</b> , 9, 13748-13757	3.3	5
14	The Effects of a Novel Series of KTTKS Analogues on Cytotoxicity and Proteolytic Activity. <i>Molecules</i> , <b>2019</b> , 24,	4.8	4
13	Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. <i>International Journal of Molecular Medicine</i> , <b>2003</b> , 12, 803	4.4	4
12	Erythropoietin Enhances the Cytotoxic Effect of Hydrogen Peroxide on Colon Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , <b>2017</b> , 18, 127-137	2.6	4
11	Synthesis and Biological Activity of -Sulfonyltri-peptides with C-Terminal Arginine as Potential Serine Proteases Inhibitors. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2013</b> , 19, 191-198	2.1	3
10	Tripeptides with non-code amino acids as potential serine proteases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2013</b> , 28, 639-43	5.6	3
9	Overexpression of Prolidase Induces Autophagic Death in MCF-7 Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2020</b> , 54, 875-887	3.9	3
8	Cancers Cells in Traps? The Pathways of NETs Formation in Response to OSCC in Humans-A Pilot Study. <i>Cancer Control</i> , <b>2020</b> , 27, 1073274820960473	2.2	3
7	MM-129 as a Novel Inhibitor Targeting PI3K/AKT/mTOR and PD-L1 in Colorectal Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3

6	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> , <b>2009</b> , 47, S121-5	1.4	2
5	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> , <b>2020</b> , 35, 1697-1711	5.6	2
4	Estrogenic and antiestrogenic effects of raloxifene on collagen metabolism in breast cancer MCF-7 cells. <i>Gynecological Endocrinology</i> , <b>2001</b> , 15, 225-233	2.4	2
3	Mechanism of pro-apoptotic action of prosthetic restorations on oral mucosa cells. <i>Advances in Medical Sciences</i> , <b>2020</b> , 65, 134-140	2.8	1
2	4-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> , <b>2010</b> , 647, 31-6	5.3	1
1	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , <b>2021</b> , 53, 1943-1956	3.5	1