Wojciech Miltyk

List of Publications by Year in Descending Order

77 papers	1,228 citations	20 h-index	31 g-index
84 ext. papers	1,484 ext. citations	4 avg, IF	4.54 L-index

#	Paper	IF	Citations
77	Recombinant Prolidase Activates EGFR-Dependent Cell Growth in an Experimental Model of Inflammation in HaCaT Keratinocytes. Implication for Wound Healing.. *Frontiers in Molecular Biosciences*, **2022**, 9, 876348	5.6	1
76	Strategies to Improve the Clinical Outcomes for Direct-to-Consumer Pharmacogenomic Tests. *Genes*, **2021**, 12,	4.2	3
75	LDGs versus NDGs in patients with oral squamous cell carcinoma (OSCC). *Cytokine*, **2021**, 137, 155311	4	1
74	Extracellular Prolidase (PEPD) Induces Anabolic Processes through EGFR, β1ntegrin, and IGF-1R Signaling Pathways in an Experimental Model of Wounded Fibroblasts. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
73	PRODH/POX-Dependent Celecoxib-Induced Apoptosis in MCF-7 Breast Cancer. *Pharmaceuticals*, **2021**, 14,	5.2	2
72	Applying Next-Generation Sequencing Platforms for Pharmacogenomic Testing in Clinical Practice. *Frontiers in Pharmacology*, **2021**, 12, 693453	5.6	6
71	Platelet-Rich Plasma Promotes the Proliferation of Human Keratinocytes via a Progression of the Cell Cycle. A Role of Prolidase. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
70	Pharmacogenomic Biomarkers of Follicle-Stimulating Hormone Receptor Malfunction in Females with Impaired Ovarian Response-A Genetic Survey. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
69	Prolidase Stimulates Proliferation and Migration through Activation of the PI3K/Akt/mTOR Signaling Pathway in Human Keratinocytes. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	14
68	LC-QTOF-MS and H NMR Metabolomics Verifies Potential Use of Greater Omentum for Biofilm Eradication in Rats. *Pathogens*, **2020**, 9,	4.5	1
67	Proline-Dependent Induction of Apoptosis in Oral Squamous Cell Carcinoma (OSCC)-The Effect of Celecoxib. *Cancers*, **2020**, 12,	6.6	7
66	Pharmacogenomics, How to Deal with Different Types of Variants in Next Generation Sequencing Data in the Personalized Medicine Area. *Journal of Clinical Medicine*, **2020**, 10,	5.1	2
65	Cancers Cells in Traps? The Pathways of NETs Formation in Response to OSCC in Humans-A Pilot Study. *Cancer Control*, **2020**, 27, 1073274820960473	2.2	3
64	Development of an LC-MS Targeted Metabolomics Methodology to Study Proline Metabolism in Mammalian Cell Cultures. *Molecules*, **2020**, 25,	4.8	3
63	A review on advances in graphene-derivative/polysaccharide bionanocomposites: Therapeutics, pharmacogenomics and toxicity. *Carbohydrate Polymers*, **2020**, 250, 116952	10.3	31
62	Current Understanding of the Emerging Role of Prolidase in Cellular Metabolism. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
61	Simultaneous analysis of bisphenol A fractions in maternal and fetal compartments in early second trimester of pregnancy. *Journal of Perinatal Medicine*, **2019**, 47, 765-770	2.7	8

60	Proline-containing peptides-New insight and implications: A Review. *BioFactors*, **2019**, 45, 857-866	6.1	13
59	Celecoxib in Cancer Therapy and Prevention - Review. *Current Drug Targets*, **2019**, 20, 302-315	3	55
58	What do we need to know about drone brood homogenate and what is known. *Journal of Ethnopharmacology*, **2019**, 245, 111581	5	18
57	Evaluation of Bisphenol A influence on endocannabinoid system in pregnant women. *Chemosphere*, **2018**, 203, 387-392	8.4	21
56	Constituents of Propolis: Chrysin, Caffeic Acid, -Coumaric Acid, and Ferulic Acid Induce PRODH/POX-Dependent Apoptosis in Human Tongue Squamous Cell Carcinoma Cell (CAL-27). *Frontiers in Pharmacology*, **2018**, 9, 336	5.6	45
55	New Sides of Aldosterone Action in Cardiovascular System as Potential Targets for Therapeutic Intervention. *Current Drug Targets*, **2018**, 19, 1968-1979	3	5
54	Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. *Oncotarget*, **2018**, 9, 13748-13757	3.3	5
53	Novel Gel Formulations as Topical Carriers for the Essential Oil of for the Treatment of Candidiasis. *Molecules*, **2018**, 23,	4.8	12
52	Maternal Plasma Metabolomic Profiles in Spontaneous Preterm Birth: Preliminary Results. *Mediators of Inflammation*, **2018**, 2018, 9362820	4.3	13
51	HIF-1 as a Key Factor in Bile Duct Ligation-Induced Liver Fibrosis in Rats. *Journal of Investigative Surgery*, **2017**, 30, 41-46	1.2	10
50	Functional Consequences of Intracellular Proline Levels Manipulation Affecting PRODH/POX-Dependent Pro-Apoptotic Pathways in a Novel in Vitro Cell Culture Model. *Cellular Physiology and Biochemistry*, **2017**, 43, 670-684	3.9	10
49	Serum metabolic fingerprinting after exposure of rats to quinolinic acid. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 131, 175-182	3.5	4
48	New potential biomarkers of acetaminophen-induced hepatotoxicity. *Advances in Medical Sciences*, **2016**, 61, 325-330	2.8	7
47	Method development and validation for optimized separation of the major polyphenolics in propolis extracts using GC-MS method. *Planta Medica*, **2016**, 81, S1-S381	3.1	
46	Proapoptotic Activity of Propolis and Their Components on Human Tongue Squamous Cell Carcinoma Cell Line (CAL-27). *PLoS ONE*, **2016**, 11, e0157091	3.7	25
45	Novel Spray Dried Glycerol 2-Phosphate Cross-Linked Chitosan Microparticulate Vaginal Delivery System-Development, Characterization and Cytotoxicity Studies. *Marine Drugs*, **2016**, 14,	6	8
44	ANTIPROLIFERATIVE EFFECTS ON BREAST CANCER CELLS AND SOME INTERACTIONS OF NEW DISTAMYCIN ANALOGUES WITH DNA, ENDONUCLEASES AND DNA TOPOISOMERASES. *Acta Poloniae Pharmaceutica*, **2016**, 73, 47-53	1.3	4
43	Verification of chemical composition of commercially available propolis extracts by gas chromatography-mass spectrometry analysis. *Journal of Medicinal Food*, **2015**, 18, 584-91	2.8	12

42	Hyaluronic acid abrogates ethanol-dependent inhibition of collagen biosynthesis in cultured human fibroblasts. *Drug Design, Development and Therapy*, **2015**, 9, 6225-33	4.4	5
41	The Effect of β-Glycerophosphate Crosslinking on Chitosan Cytotoxicity and Properties of Hydrogels for Vaginal Application. *Polymers*, **2015**, 7, 2223-2244	4.5	26
40	Serum Bisphenol A Level in Boys with Cryptorchidism: A Step to Male Infertility?. *International Journal of Endocrinology*, **2015**, 2015, 973154	2.7	34
39	IIb3-integrin Ligands: Abciximab and Eptifibatide as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. *Current Drug Targets*, **2015**, 16, 1429-37	3	18
38	Proline Oxidase (POX) as A Target for Cancer Therapy. *Current Drug Targets*, **2015**, 16, 1464-9	3	13
37	The effect of estrogen on prolidase-dependent regulation of HIF-1α expression in breast cancer cells. *Molecular and Cellular Biochemistry*, **2013**, 379, 29-36	4.2	8
36	Metronidazole affects breast cancer cell lines. *Advances in Medical Sciences*, **2013**, 58, 90-5	2.8	5
35	The effect of prolactin and estrogen cross-talk on prolidase- dependent signaling in MCF-7 cells. *Neoplasma*, **2013**, 60, 355-63	3.3	9
34	Application of differential scanning calorimetry in evaluation of solid state interactions in tablets containing acetaminophen. *Acta Poloniae Pharmaceutica*, **2013**, 70, 787-93	1.3	4
33	Increased concentration of metronidazole and its hydroxy metabolite in colon cancer in women. *Pharmacological Reports*, **2012**, 64, 1276-80	3.9	3
32	Tripeptides with C-Terminal Arginine as Potential Inhibitors of Urokinase. *International Journal of Peptide Research and Therapeutics*, **2011**, 17, 47-52	2.1	3
31	Comparison of influence of carmustine and new proline analog of nitrosourea on antioxidant system in breast carcinoma cells (MCF-7). *Drug and Chemical Toxicology*, **2010**, 33, 55-63	2.3	5
30	Dual effects of ouabain, digoxin and proscillaridin A on the regulation of apoptosis in human fibroblasts. *Natural Product Research*, **2010**, 24, 274-85	2.3	35
29	Synthesis and activity of N-sulfonylamides of tripeptides as potential urokinase inhibitors. *Protein and Peptide Letters*, **2010**, 17, 1300-4	1.9	4
28	The effect of Telmisartan on collagen biosynthesis depends on the status of estrogen activation in breast cancer cells. *European Journal of Pharmacology*, **2010**, 628, 51-6	5.3	17
27	4'-chlorodiazepam--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, 31-6	5.3	1
26	Prolidase-dependent regulation of TGF β (corrected) and TGF β receptor expressions in human skin fibroblasts. *European Journal of Pharmacology*, **2010**, 649, 115-9	5.3	23
25	Recognition of tablet content by chemometric processing of differential scanning calorimetry curves. An acetaminophen example. *Thermochimica Acta*, **2010**, 507-508, 146-149	2.9	13

24	Synthesis and biological evaluation of distamycin analogues - new potential anticancer agents. *Archiv Der Pharmazie*, **2009**, 342, 87-93	4.3	6
23	Hyaluronic acid abrogates nitric oxide-dependent stimulation of collagen degradation in cultured human chondrocytes. *Pharmacological Research*, **2009**, 60, 46-9	10.2	6
22	Estrogen-dependent regulation of PPAR-gamma signaling on collagen biosynthesis in adenocarcinoma endometrial cells. *Neoplasma*, **2009**, 56, 448-54	3.3	9
21	Estrogen receptor beta participate in the regulation of metabolizm of extracellular matrix in estrogen alpha negative breast cancer. *Folia Histochemica Et Cytobiologica*, **2009**, 47, S107-12	1.4	6
20	Combined therapy with disintegrin and melphalan as a new strategy in inhibition of endometrial cancer cell line (Ishikawa) growth. *Folia Histochemica Et Cytobiologica*, **2009**, 47, S121-5	1.4	2
19	Prolidase dependent inhibition of collagen biosynthesis in Chinese hamster ovary cells. *Journal of Biochemistry*, **2008**, 144, 409-14	3.1	5
18	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. *Molecular and Cellular Biochemistry*, **2008**, 308, 57-64	4.2	31
17	Prolidase-dependent regulation of collagen biosynthesis. *Amino Acids*, **2008**, 35, 731-8	3.5	118
16	Nutritional concentration of genistein protects human dermal fibroblasts from oxidative stress-induced collagen biosynthesis inhibition through IGF-I receptor-mediated signaling. *Acta Poloniae Pharmaceutica*, **2008**, 65, 203-11	1.3	12
15	Apoptosis-mediated cytotoxicity of ouabain, digoxin and proscillaridin A in the estrogen independent MDA-MB-231 breast cancer cells. *Archives of Pharmacal Research*, **2007**, 30, 1216-24	6.1	43
14	Prolidase-independent mechanism of camptothecin-induced inhibition of collagen biosynthesis in cultured human skin fibroblasts. *Journal of Biochemistry*, **2007**, 141, 287-92	3.1	21
13	Mechanism of collagen biosynthesis up-regulation in cultured leiomyoma cells. *Folia Histochemica Et Cytobiologica*, **2007**, 45 Suppl 1, S181-5	1.4	11
12	Novel amidine analogue of melphalan as a specific multifunctional inhibitor of growth and metabolism of human breast cancer cells. *Biochemical Pharmacology*, **2006**, 72, 320-31	6	17
11	Hyaluronic acid counteracts interleukin-1-induced inhibition of collagen biosynthesis in cultured human chondrocytes. *Pharmacological Research*, **2006**, 54, 275-81	10.2	40
10	Butyrate-induced collagen biosynthesis in cultured fibroblasts is independent on alpha2beta1 integrin signalling and undergoes through IGF-I receptor cascade. *Molecular and Cellular Biochemistry*, **2006**, 286, 147-52	4.2	9
9	Acetylsalicylic acid prevents nickel-induced collagen biosynthesis in human fibroblasts. *Environmental Toxicology and Pharmacology*, **2005**, 20, 501-5	5.8	4
8	Inhibition of prolidase activity by nickel causes decreased growth of proline auxotrophic CHO cells. *Journal of Cellular Biochemistry*, **2005**, 94, 1210-7	4.7	13
7	Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. *Journal of Cellular Biochemistry*, **2005**, 96, 1086-94	4.7	46

6	Lack of significant genotoxicity of purified soy isoflavones (genistein, daidzein, and glycitein) in 20 patients with prostate cancer. *American Journal of Clinical Nutrition*, **2003**, 77, 875-82	7	86
5	The potential mechanism for glutamine-induced collagen biosynthesis in cultured human skin fibroblasts. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2001**, 130, 23-32	2.3	44
4	Potential role of pyrroline 5-carboxylate in regulation of collagen biosynthesis in cultured human skin fibroblasts. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2000**, 125, 265-71	2.6	26
3	Estrogen-dependent regulation of prolidase activity in breast cancer MCF-7 cells. *Gynecological Endocrinology*, **1999**, 13, 166-74	2.4	13
2	Insulin-like growth factor I-dependent regulation of prolidase activity in cultured human skin fibroblasts. *Molecular and Cellular Biochemistry*, **1998**, 189, 177-83	4.2	32
1	Fibroblast chemotaxis and prolidase activity modulation by insulin-like growth factor II and mannose 6-phosphate. *Molecular and Cellular Biochemistry*, **1997**, 168, 177-83	4.2	35