

# Wojciech Miltyk

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/72076/wojciech-miltyk-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Prolidase-dependent regulation of collagen biosynthesis. <i>Amino Acids</i> , <b>2008</b> , 35, 731-8  | 3.5  | 118       |
| 76 | Lack of significant genotoxicity of purified soy isoflavones (genistein, daidzein, and glycitein) in 20 patients with prostate cancer. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 875-82  | 7    | 86        |
| 75 | Celecoxib in Cancer Therapy and Prevention - Review. <i>Current Drug Targets</i> , <b>2019</b> , 20, 302-315   | 3    | 55        |
| 74 | Nitric oxide regulates prolidase activity by serine/threonine phosphorylation. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 96, 1086-94   | 4.7  | 46        |
| 73 | 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). <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 336  | 5.6  | 45        |
| 72 | The potential mechanism for glutamine-induced collagen biosynthesis in cultured human skin fibroblasts. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2001</b> , 130, 23-32   | 2.3  | 44        |
| 71 | Apoptosis-mediated cytotoxicity of ouabain, digoxin and proscillaridin A in the estrogen independent MDA-MB-231 breast cancer cells. <i>Archives of Pharmacal Research</i> , <b>2007</b> , 30, 1216-24   | 6.1  | 43        |
| 70 | Hyaluronic acid counteracts interleukin-1-induced inhibition of collagen biosynthesis in cultured human chondrocytes. <i>Pharmacological Research</i> , <b>2006</b> , 54, 275-81   | 10.2 | 40        |
| 69 | Dual effects of ouabain, digoxin and proscillaridin A on the regulation of apoptosis in human fibroblasts. <i>Natural Product Research</i> , <b>2010</b> , 24, 274-85  | 2.3  | 35        |
| 68 | Fibroblast chemotaxis and prolidase activity modulation by insulin-like growth factor II and mannose 6-phosphate. <i>Molecular and Cellular Biochemistry</i> , <b>1997</b> , 168, 177-83   | 4.2  | 35        |
| 67 | Serum Bisphenol A Level in Boys with Cryptorchidism: A Step to Male Infertility?. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 973154   | 2.7  | 34        |
| 66 | Insulin-like growth factor I-dependent regulation of prolidase activity in cultured human skin fibroblasts. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 189, 177-83   | 4.2  | 32        |
| 65 | 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        |
| 64 | A review on advances in graphene-derivative/polysaccharide bionanocomposites: Therapeutics, pharmacogenomics and toxicity. <i>Carbohydrate Polymers</i> , <b>2020</b> , 250, 116952  | 10.3 | 31        |
| 63 | The Effect of $\beta$ -Glycerophosphate Crosslinking on Chitosan Cytotoxicity and Properties of Hydrogels for Vaginal Application. <i>Polymers</i> , <b>2015</b> , 7, 2223-2244  | 4.5  | 26        |
| 62 | Potential role of pyrroline 5-carboxylate in regulation of collagen biosynthesis in cultured human skin fibroblasts. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2000</b> , 125, 265-71                                   | 2.6  | 26        |
| 61 | Proapoptotic Activity of Propolis and Their Components on Human Tongue Squamous Cell Carcinoma Cell Line (CAL-27). <i>PLoS ONE</i> , <b>2016</b> , 11, e0157091  | 3.7  | 25        |

|    |  |     |    |
|----|--|-----|----|
| 60 | Prolidase-dependent regulation of TGF $\beta$ (corrected) and TGF $\beta$ receptor expressions in human skin fibroblasts. <i>European Journal of Pharmacology</i> , <b>2010</b> , 649, 115-9   | 5.3 | 23 |
| 59 | Evaluation of Bisphenol A influence on endocannabinoid system in pregnant women. <i>Chemosphere</i> , <b>2018</b> , 203, 387-392   | 8.4 | 21 |
| 58 | Prolidase-independent mechanism of camptothecin-induced inhibition of collagen biosynthesis in cultured human skin fibroblasts. <i>Journal of Biochemistry</i> , <b>2007</b> , 141, 287-92   | 3.1 | 21 |
| 57 | $\alpha$ 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 |
| 56 | What do we need to know about drone brood homogenate and what is known. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 245, 111581  | 5   | 18 |
| 55 | 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 |
| 54 | Novel amidine analogue of melphalan as a specific multifunctional inhibitor of growth and metabolism of human breast cancer cells. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 320-31  | 6   | 17 |
| 53 | Prolidase Stimulates Proliferation and Migration through Activation of the PI3K/Akt/mTOR Signaling Pathway in Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 14 |
| 52 | Proline-containing peptides-New insight and implications: A Review. <i>BioFactors</i> , <b>2019</b> , 45, 857-866  | 6.1 | 13 |
| 51 | Recognition of tablet content by chemometric processing of differential scanning calorimetry curves—An acetaminophen example. <i>Thermochimica Acta</i> , <b>2010</b> , 507-508, 146-149   | 2.9 | 13 |
| 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 | Estrogen-dependent regulation of prolidase activity in breast cancer MCF-7 cells. <i>Gynecological Endocrinology</i> , <b>1999</b> , 13, 166-74  | 2.4 | 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 | Maternal Plasma Metabolomic Profiles in Spontaneous Preterm Birth: Preliminary Results. <i>Mediators of Inflammation</i> , <b>2018</b> , 2018, 9362820   | 4.3 | 13 |
| 46 | 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 |
| 45 | Novel Gel Formulations as Topical Carriers for the Essential Oil of for the Treatment of Candidiasis. <i>Molecules</i> , <b>2018</b> , 23,   | 4.8 | 12 |
| 44 | Nutritional concentration of genistein protects human dermal fibroblasts from oxidative stress-induced collagen biosynthesis inhibition through IGF-I receptor-mediated signaling. <i>Acta Poloniae Pharmaceutica</i> , <b>2008</b> , 65, 203-11 | 1.3 | 12 |
| 43 | Mechanism of collagen biosynthesis up-regulation in cultured leiomyoma cells. <i>Folia Histochemica Et Cytobiologica</i> , <b>2007</b> , 45 Suppl 1, S181-5  | 1.4 | 11 |

|    |   |      |    |
|----|---|------|----|
| 42 | HIF-1 $\beta$ s a Key Factor in Bile Duct Ligation-Induced Liver Fibrosis in Rats. <i>Journal of Investigative Surgery</i> , <b>2017</b> , 30, 41-46  | 1.2  | 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 | 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  |
| 39 | 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  |
| 38 | Butyrate-induced collagen biosynthesis in cultured fibroblasts is independent on alpha2beta1 integrin signalling and undergoes through IGF-I receptor cascade. <i>Molecular and Cellular Biochemistry</i> , <b>2006</b> , 286, 147-52     | 4.2  | 9  |
| 37 | Current Understanding of the Emerging Role of Prolidase in Cellular Metabolism. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3  | 9  |
| 36 | Simultaneous analysis of bisphenol A fractions in maternal and fetal compartments in early second trimester of pregnancy. <i>Journal of Perinatal Medicine</i> , <b>2019</b> , 47, 765-770  | 2.7  | 8  |
| 35 | The effect of estrogen on prolidase-dependent regulation of HIF-1 $\beta$ expression in breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , <b>2013</b> , 379, 29-36  | 4.2  | 8  |
| 34 | Novel Spray Dried Glycerol 2-Phosphate Cross-Linked Chitosan Microparticulate Vaginal Delivery System-Development, Characterization and Cytotoxicity Studies. <i>Marine Drugs</i> , <b>2016</b> , 14,                                     | 6    | 8  |
| 33 | Proline-Dependent Induction of Apoptosis in Oral Squamous Cell Carcinoma (OSCC)-The Effect of Celecoxib. <i>Cancers</i> , <b>2020</b> , 12,   | 6.6  | 7  |
| 32 | New potential biomarkers of acetaminophen-induced hepatotoxicity. <i>Advances in Medical Sciences</i> , <b>2016</b> , 61, 325-330   | 2.8  | 7  |
| 31 | Synthesis and biological evaluation of distamycin analogues - new potential anticancer agents. <i>Archiv Der Pharmazie</i> , <b>2009</b> , 342, 87-93   | 4.3  | 6  |
| 30 | 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  |
| 29 | Estrogen receptor beta participate in the regulation of metabolizm of extracellular matrix in estrogen alpha negative breast cancer. <i>Folia Histochemica Et Cytobiologica</i> , <b>2009</b> , 47, S107-12                               | 1.4  | 6  |
| 28 | Applying Next-Generation Sequencing Platforms for Pharmacogenomic Testing in Clinical Practice. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 693453   | 5.6  | 6  |
| 27 | Metronidazole affects breast cancer cell lines. <i>Advances in Medical Sciences</i> , <b>2013</b> , 58, 90-5  | 2.8  | 5  |
| 26 | 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  |
| 25 | Comparison of influence of carmustine and new proline analog of nitrosourea on antioxidant system in breast carcinoma cells (MCF-7). <i>Drug and Chemical Toxicology</i> , <b>2010</b> , 33, 55-63  | 2.3  | 5  |

|    |   |     |   |
|----|---|-----|---|
| 24 | 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 |
| 23 | New Sides of Aldosterone Action in Cardiovascular System as Potential Targets for Therapeutic Intervention. <i>Current Drug Targets</i> , <b>2018</b> , 19, 1968-1979   | 3   | 5 |
| 22 | 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 |
| 21 | Serum metabolic fingerprinting after exposure of rats to quinolinic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 131, 175-182   | 3.5 | 4 |
| 20 | Synthesis and activity of N-sulfonylamides of tripeptides as potential urokinase inhibitors. <i>Protein and Peptide Letters</i> , <b>2010</b> , 17, 1300-4  | 1.9 | 4 |
| 19 | Acetylsalicylic acid prevents nickel-induced collagen biosynthesis in human fibroblasts. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 20, 501-5   | 5.8 | 4 |
| 18 | Platelet-Rich Plasma Promotes the Proliferation of Human Keratinocytes via a Progression of the Cell Cycle. A Role of Prolidase. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,                                 | 6.3 | 4 |
| 17 | Application of differential scanning calorimetry in evaluation of solid state interactions in tablets containing acetaminophen. <i>Acta Poloniae Pharmaceutica</i> , <b>2013</b> , 70, 787-93   | 1.3 | 4 |
| 16 | ANTIPROLIFERATIVE EFFECTS ON BREAST CANCER CELLS AND SOME INTERACTIONS OF NEW DISTAMYCIN ANALOGUES WITH DNA, ENDONUCLEASES AND DNA TOPOISOMERASES. <i>Acta Poloniae Pharmaceutica</i> , <b>2016</b> , 73, 47-53                         | 1.3 | 4 |
| 15 | Increased concentration of metronidazole and its hydroxy metabolite in colon cancer in women. <i>Pharmacological Reports</i> , <b>2012</b> , 64, 1276-80  | 3.9 | 3 |
| 14 | Tripeptides with C-Terminal Arginine as Potential Inhibitors of Urokinase. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2011</b> , 17, 47-52  | 2.1 | 3 |
| 13 | 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 |
| 12 | Development of an LC-MS Targeted Metabolomics Methodology to Study Proline Metabolism in Mammalian Cell Cultures. <i>Molecules</i> , <b>2020</b> , 25,  | 4.8 | 3 |
| 11 | Strategies to Improve the Clinical Outcomes for Direct-to-Consumer Pharmacogenomic Tests. <i>Genes</i> , <b>2021</b> , 12,  | 4.2 | 3 |
| 10 | Pharmacogenomics, How to Deal with Different Types of Variants in Next Generation Sequencing Data in the Personalized Medicine Area. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 10,  | 5.1 | 2 |
| 9  | 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 |
| 8  | Extracellular Prolidase (PEPD) Induces Anabolic Processes through EGFR, Integrin, and IGF-1R Signaling Pathways in an Experimental Model of Wounded Fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22, | 6.3 | 2 |
| 7  | PRODH/POX-Dependent Celecoxib-Induced Apoptosis in MCF-7 Breast Cancer. <i>Pharmaceuticals</i> , <b>2021</b> , 14,  | 5.2 | 2 |

|   |   |     |   |
|---|---|-----|---|
| 6 | LC-QTOF-MS and H NMR Metabolomics Verifies Potential Use of Greater Omentum for Biofilm Eradication in Rats. <i>Pathogens</i> , <b>2020</b> , 9,  | 4.5 | 1 |
| 5 | 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 |
| 4 | LDGs versus NDGs in patients with oral squamous cell carcinoma (OSCC). <i>Cytokine</i> , <b>2021</b> , 137, 155311  | 4   | 1 |
| 3 | Pharmacogenomic Biomarkers of Follicle-Stimulating Hormone Receptor Malfunction in Females with Impaired Ovarian Response-A Genetic Survey. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,   | 5.1 | 1 |
| 2 | Recombinant Prolidase Activates EGFR-Dependent Cell Growth in an Experimental Model of Inflammation in HaCaT Keratinocytes. Implication for Wound Healing.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 876348                 | 5.6 | 1 |
| 1 | Method development and validation for optimized separation of the major polyphenolics in propolis extracts using GC-MS method. <i>Planta Medica</i> , <b>2016</b> , 81, S1-S381   | 3.1 |   |