

Jerzy Palka

List of Publications by Year in descending order

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123
papers

2,539
citations

186265

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docs citations

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times ranked

2552
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. | 4.1 | 9 |
| 2 | Proline Dehydrogenase/Proline Oxidase (PRODH/POX) Is Involved in the Mechanism of Metformin-Induced Apoptosis in C32 Melanoma Cell Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2354. | 4.1 | 10 |
| 3 | 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. | 4.1 | 2 |
| 4 | 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> , 2022, 9, 876348. | 3.5 | 4 |
| 5 | New Polymethoxyflavones from <i>Hottonia palustris</i> Evoke DNA Biosynthesis-Inhibitory Activity in An Oral Squamous Carcinoma (SCC-25) Cell Line. <i>Molecules</i> , 2022, 27, 4415. | 3.8 | 6 |
| 6 | Extracellular Prolidase (PEPD) Induces Anabolic Processes through EGFR, β 1-integrin, and IGF-1R Signaling Pathways in an Experimental Model of Wounded Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 942. | 4.1 | 7 |
| 7 | Collagen metabolism as a regulator of proline dehydrogenase/proline oxidase-dependent apoptosis/autophagy. <i>Amino Acids</i> , 2021, 53, 1917-1925. | 2.7 | 10 |
| 8 | Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , 2021, 53, 1943-1956. | 2.7 | 5 |
| 9 | PRODH/POX-Dependent Celecoxib-Induced Apoptosis in MCF-7 Breast Cancer. <i>Pharmaceuticals</i> , 2021, 14, 874. | 3.8 | 6 |
| 10 | 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> , 2021, 22, 936. | 4.1 | 17 |
| 11 | Troglitazone-Induced PRODH/POX-Dependent Apoptosis Occurs in the Absence of Estradiol or ER α in ER-Negative Breast Cancer Cells. <i>Journal of Clinical Medicine</i> , 2021, 10, 4641. | 2.4 | 7 |
| 12 | 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. | 4.1 | 12 |
| 13 | Metformin Treatment or PRODH/POX-Knock out Similarly Induces Apoptosis by Reprogramming of Amino Acid Metabolism, TCA, Urea Cycle and Pentose Phosphate Pathway in MCF-7 Breast Cancer Cells. <i>Biomolecules</i> , 2021, 11, 1888. | 4.0 | 5 |
| 14 | Understanding the Role of Estrogen Receptor Status in PRODH/POX-Dependent Apoptosis/Survival in Breast Cancer Cells. <i>Biology</i> , 2021, 10, 1314. | 2.8 | 3 |
| 15 | Verapamil and collagenase differentially affect collagen metabolism in experimental model of Peyronie's disease. <i>Molecular and Cellular Probes</i> , 2020, 49, 101488. | 2.1 | 4 |
| 16 | Proline-dependent regulation of collagen metabolism. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1911-1918. | 5.4 | 90 |
| 17 | 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. | 1.8 | 9 |
| 18 | Development of an LC-MS Targeted Metabolomics Methodology to Study Proline Metabolism in Mammalian Cell Cultures. <i>Molecules</i> , 2020, 25, 4639. | 3.8 | 10 |

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|----|--|-----|-----------|
| 19 | 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. | 3.3 | 15 |
| 20 | Capsaicin up-regulates pro-apoptotic activity of thiazolidinediones in glioblastoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110741. | 5.6 | 13 |
| 21 | Prolidase Stimulates Proliferation and Migration through Activation of the PI3K/Akt/mTOR Signaling Pathway in Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9243. | 4.1 | 24 |
| 22 | LC-QTOF-MS and 1H NMR Metabolomics Verifies Potential Use of Greater Omentum for <i>Klebsiella pneumoniae</i> Biofilm Eradication in Rats. <i>Pathogens</i> , 2020, 9, 399. | 2.8 | 3 |
| 23 | Understanding the role of key amino acids in regulation of proline dehydrogenase/proline oxidase (prodh/pox)-dependent apoptosis/autophagy as an approach to targeted cancer therapy. <i>Molecular and Cellular Biochemistry</i> , 2020, 466, 35-44. | 3.1 | 39 |
| 24 | Overexpression of Prolidase Induces Autophagic Death in MCF-7 Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 875-887. | 1.6 | 9 |
| 25 | The mechanism for differential effect of nelfinavir and indinavir on collagen metabolism in human skin fibroblasts. <i>Experimental Dermatology</i> , 2019, 28, 845-853. | 2.9 | 4 |
| 26 | Proline oxidase silencing induces proline-dependent pro-survival pathways in MCF-7 cells. <i>Oncotarget</i> , 2018, 9, 13748-13757. | 1.8 | 10 |
| 27 | 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. | 2.5 | 16 |
| 28 | Constituents of Propolis: Chrysin, Caffeic Acid, p-Coumaric Acid, and Ferulic Acid Induce PRODH/POX-Dependent Apoptosis in Human Tongue Squamous Cell Carcinoma Cell (CAL-27). <i>Frontiers in Pharmacology</i> , 2018, 9, 336. | 3.5 | 67 |
| 29 | HIF-1 $\hat{\pm}$ as a Key Factor in Bile Duct Ligation-Induced Liver Fibrosis in Rats. <i>Journal of Investigative Surgery</i> , 2017, 30, 41-46. | 1.3 | 16 |
| 30 | Exogenous proline stimulates type I collagen and HIF-1 $\hat{\pm}$ expression and the process is attenuated by glutamine in human skin fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2017, 435, 197-206. | 3.1 | 24 |
| 31 | 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. | 1.6 | 19 |
| 32 | Acetylenic derivative of betulin induces apoptosis in endometrial adenocarcinoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 429-436. | 5.6 | 10 |
| 33 | Amino Acid Profiles of Serum and Urine in Search for Prostate Cancer Biomarkers: a Pilot Study. <i>International Journal of Medical Sciences</i> , 2017, 14, 1-12. | 2.5 | 81 |
| 34 | Differential effect of platelet-rich plasma fractions on $\hat{\beta}$ 1-integrin signaling, collagen biosynthesis, and prolidase activity in human skin fibroblasts. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1849-1857. | 4.3 | 20 |
| 35 | Prolidase-proline dehydrogenase/proline oxidase-collagen biosynthesis axis as a potential interface of apoptosis/autophagy. <i>BioFactors</i> , 2016, 42, 341-348. | 5.4 | 29 |
| 36 | New potential biomarkers of acetaminophen-induced hepatotoxicity. <i>Advances in Medical Sciences</i> , 2016, 61, 325-330. | 2.1 | 8 |

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| 37 | Prolidase-dependent mechanism of (Z)-8,9-epoxyheptadeca-1,11,14-triene-induced inhibition of collagen biosynthesis in cultured human skin fibroblasts. <i>Natural Product Research</i> , 2016, 30, 665-671. | 1.8 | 2 |
| 38 | Enalapril stimulates collagen biosynthesis through prolidase-dependent mechanism in cultured fibroblasts. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 677-683. | 3.0 | 5 |
| 39 | The mechanism of oxythiamine-induced collagen biosynthesis in cultured fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2015, 403, 51-60. | 3.1 | 11 |
| 40 | α<sub>ll</sub>β<sub>3</sub>-integrin Ligands: Abciximab and Eptifibatide as Proapoptotic Factors in MCF-7 Human Breast Cancer Cells. <i>Current Drug Targets</i> , 2015, 16, 1429-1437. | 2.1 | 23 |
| 41 | Proline Oxidase (POX) as A Target for Cancer Therapy. <i>Current Drug Targets</i> , 2015, 16, 1464-1469. | 2.1 | 21 |
| 42 | The effect of estrogen on prolidase-dependent regulation of HIF-1 \pm expression in breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 29-36. | 3.1 | 13 |
| 43 | The mechanism of hydralazine-induced collagen biosynthesis in cultured fibroblasts. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 303-309. | 3.0 | 13 |
| 44 | 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. | 2.1 | 10 |
| 45 | LVC inhibits collagen biosynthesis through up-regulation of NF- κ B p65 signaling in cultured fibroblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 129, 143-148. | 3.8 | 6 |
| 46 | The effect of prolactin and estrogen cross-talk on prolidase-dependent signaling in MCF-7 cells. <i>Neoplasma</i> , 2013, 60, 355-363. | 1.6 | 9 |
| 47 | Thrombin-dependent modulation of β 1-integrin-mediated signaling up-regulates prolidase and HIF-1 \pm through p-FAK in colorectal cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 361, 235-241. | 3.1 | 12 |
| 48 | Scutellarin-dependent inhibition of collagen biosynthesis in cultured fibroblasts. <i>Natural Product Research</i> , 2011, 25, 1789-1795. | 1.8 | 12 |
| 49 | Betulinic acid inhibits the expression of hypoxia-inducible factor 1 \pm and vascular endothelial growth factor in human endometrial adenocarcinoma cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 15-20. | 3.1 | 38 |
| 50 | 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. | 3.5 | 19 |
| 51 | 4 κ -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. | 3.5 | 3 |
| 52 | Prolidase-dependent regulation of TGF α and TGF β 2 receptor expressions in human skin fibroblasts. <i>European Journal of Pharmacology</i> , 2010, 649, 115-119. | 3.5 | 29 |
| 53 | Estrogen receptor beta participate in the regulation of metabolism of extracellular matrix in estrogen alpha negative breast cancer.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, S107-12. | 1.5 | 9 |
| 54 | 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. | 1.5 | 3 |

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| 55 | Estrogen-dependent Regulation of PPAR- β Signaling on Collagen Biosynthesis in Adenocarcinoma Endometrial Cells. <i>Neoplasma</i> , 2009, 56, 448-454. | 1.6 | 12 |
| 56 | Mechanism of betulinic acid inhibition of collagen biosynthesis in human endometrial adenocarcinoma cells. <i>Neoplasma</i> , 2009, 56, 361-366. | 1.6 | 10 |
| 57 | Hyaluronic acid abrogates nitric oxide-dependent stimulation of collagen degradation in cultured human chondrocytes. <i>Pharmacological Research</i> , 2009, 60, 46-49. | 7.1 | 7 |
| 58 | 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. | 3.1 | 40 |
| 59 | Phosphoenolpyruvate-dependent inhibition of collagen biosynthesis, β 1 integrin and IGF-I receptor signaling in cultured fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2008, 315, 61-67. | 3.1 | 4 |
| 60 | Prolidase-dependent regulation of collagen biosynthesis. <i>Amino Acids</i> , 2008, 35, 731-738. | 2.7 | 136 |
| 61 | Prolidase Dependent Inhibition of Collagen Biosynthesis in Chinese Hamster Ovary Cells. <i>Journal of Biochemistry</i> , 2008, 144, 409-414. | 1.7 | 5 |
| 62 | Glucose-depleted medium reduces the collagen content of human skin fibroblast cultures. <i>Molecular and Cellular Biochemistry</i> , 2007, 305, 79-85. | 3.1 | 12 |
| 63 | Hyaluronic acid counteracts interleukin-1-induced inhibition of collagen biosynthesis in cultured human chondrocytes. <i>Pharmacological Research</i> , 2006, 54, 275-281. | 7.1 | 45 |
| 64 | Enhanced prolidase activity and decreased collagen content in breast cancer tissue. <i>International Journal of Experimental Pathology</i> , 2006, 87, 289-296. | 1.3 | 60 |
| 65 | Effect of melanin on netilmicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8155-8161. | 3.0 | 9 |
| 66 | Butyrate-induced collagen biosynthesis in cultured fibroblasts is independent on β 1 integrin signalling and undergoes through IGF-I receptor cascade. <i>Molecular and Cellular Biochemistry</i> , 2006, 286, 147-152. | 3.1 | 9 |
| 67 | Novel amidine analogue of melphalan as a specific multifunctional inhibitor of growth and metabolism of human breast cancer cells. <i>Biochemical Pharmacology</i> , 2006, 72, 320-331. | 4.4 | 20 |
| 68 | Prolidase-Independent Mechanism of Camptothecin-Induced Inhibition of Collagen Biosynthesis in Cultured Human Skin Fibroblasts. <i>Journal of Biochemistry</i> , 2006, 141, 287-292. | 1.7 | 24 |
| 69 | Melanin counter act puromycin-induced inhibition of collagen and DNA biosynthesis in human skin fibroblasts. <i>Life Sciences</i> , 2005, 77, 528-538. | 4.3 | 7 |
| 70 | Inhibition of collagen and DNA biosynthesis by a novel amidine analogue of chlorambucil is accompanied by deregulation of β 1-integrin and IGF-I receptor signaling in MDA-MB 231 cells. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 118-124. | 4.0 | 52 |
| 71 | Acetylsalicylic acid prevents nickel-induced collagen biosynthesis in human fibroblasts. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 501-505. | 4.0 | 4 |
| 72 | Differential effects of echistatin and thrombin on collagen production and prolidase activity in human dermal fibroblasts and their possible implication in β 1-integrin-mediated signaling. <i>Pharmacological Research</i> , 2005, 51, 217-221. | 7.1 | 37 |

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| 73 | 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. | 7.1 | 28 |
| 74 | Phenotype variability in a daughter and father with mild osteogenesis imperfecta correlated with collagen and prolydase levels in cultured skin fibroblasts. <i>Annals of Clinical Biochemistry</i> , 2005, 42, 80-84. | 1.6 | 8 |
| 75 | Decreased expression of the insulin-like growth factor-I-binding protein-1 (IGFBP-1) phosphoisoform in pre-eclamptic Wharton's jelly and its role in the regulation of collagen biosynthesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 175-81. | 2.3 | 11 |
| 76 | Metalloproteinases, insulin-like growth factor-I and its binding proteins in aortic aneurysm. <i>International Journal of Experimental Pathology</i> , 2004, 85, 159-164. | 1.3 | 22 |
| 77 | Amidine analogue of chlorambucil is a stronger inhibitor of protein and DNA synthesis in breast cancer MCF-7 cells than is the parent drug. <i>European Journal of Pharmacology</i> , 2004, 492, 95-101. | 3.5 | 14 |
| 78 | Acetylsalicylic acid as a potential regulator of prolydase-convertible pro-drugs in control and neoplastic cells. <i>Il Farmaco</i> , 2004, 59, 679-684. | 0.9 | 3 |
| 79 | Fasting-induced inhibition of collagen biosynthesis in rat skin. A possible role for phosphoenolpyruvate in this process. <i>Molecular and Cellular Biochemistry</i> , 2004, 265, 203-208. | 3.1 | 4 |
| 80 | Acetylsalicylic acid-dependent inhibition of collagen biosynthesis and beta1-integrin signaling in cultured fibroblasts. <i>Medical Science Monitor</i> , 2004, 10, BR175-9. | 1.1 | 12 |
| 81 | Oxidative stress induces IGF-I receptor signaling disturbances in cultured human dermal fibroblasts. A possible mechanism for collagen biosynthesis inhibition. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 643-50. | 7.0 | 9 |
| 82 | 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. | 3.1 | 6 |
| 83 | Proline analogue of melphalan as a prodrug susceptible to the action of prolydase in breast cancer MDA-MB 231 cells. <i>Il Farmaco</i> , 2003, 58, 1113-1119. | 0.9 | 12 |
| 84 | 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. | 1.3 | 75 |
| 85 | Expression of IGF-binding protein-1 phosphoisoforms in fasted rat skin and its role in regulation of collagen biosynthesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 134, 703-711. | 1.6 | 5 |
| 86 | Differential effects of estradiol and raloxifene on collagen biosynthesis in cultured human skin fibroblasts. <i>International Journal of Molecular Medicine</i> , 2003, 12, 803. | 4.0 | 15 |
| 87 | 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. | 4.0 | 52 |
| 88 | Inhibitory effect of acetylsalicylic acid on metalloproteinase activity in human lung adenocarcinoma at different stages of differentiation. <i>European Journal of Pharmacology</i> , 2002, 443, 1-6. | 3.5 | 14 |
| 89 | Melanin potentiates gentamicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. <i>European Journal of Pharmacology</i> , 2002, 446, 7-13. | 3.5 | 21 |
| 90 | An expression of IGF-binding proteins in normal and pre-eclamptic human umbilical cord serum and tissues. <i>Molecular and Cellular Biochemistry</i> , 2002, 237, 111-117. | 3.1 | 4 |

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| 91 | Prolidase activity dysregulation in chronic pancreatitis and pancreatic cancer. Hepato-Gastroenterology, 2002, 49, 1699-703. | 0.5 | 14 |
| 92 | 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. | 1.6 | 56 |
| 93 | Potential Role of $\alpha 1$ Integrin and Collagen Biosynthesis in Estrogen-Dependent Reduction of Apoptosis in Tamoxifen-Treated Breast Cancer Cells. Gynecologic and Obstetric Investigation, 2001, 51, 248-253. | 1.6 | 6 |
| 94 | Defects of type I procollagen metabolism correlated with decrease of prolylase activity in a case of lethal osteogenesis imperfecta. FEBS Journal, 2001, 268, 2172-2178. | 0.2 | 25 |
| 95 | Phosphorylation of prolylase increases the enzyme activity. Molecular and Cellular Biochemistry, 2001, 220, 95-101. | 3.1 | 29 |
| 96 | The mechanism for anthracycline-induced inhibition of collagen biosynthesis. European Journal of Pharmacology, 2001, 411, 17-25. | 3.5 | 25 |
| 97 | Melanin potentiates daunorubicin-induced inhibition of collagen biosynthesis in human skin fibroblasts. European Journal of Pharmacology, 2001, 419, 139-145. | 3.5 | 15 |
| 98 | Doxycycline-induced inhibition of prolylase activity in human skin fibroblasts and its involvement in impaired collagen biosynthesis. European Journal of Pharmacology, 2001, 430, 25-31. | 3.5 | 11 |
| 99 | Cytotoxicity and effect on collagen biosynthesis of proline analogue of melphalan as a prolylase-convertible prodrug in cultured human skin fibroblasts. Il Farmaco, 2001, 56, 701-706. | 0.9 | 7 |
| 100 | Estrogenic and antiestrogenic effects of raloxifene on collagen metabolism in breast cancer MCF-7 cells. Gynecological Endocrinology, 2001, 15, 225-233. | 1.7 | 2 |
| 101 | Pre-eclampsia-induced alterations in IGF-1 of human umbilical cord. European Journal of Clinical Investigation, 2000, 30, 389-396. | 3.4 | 16 |
| 102 | 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, 265-271. | 1.8 | 32 |
| 103 | Age-dependent changes in glycosaminoglycan content in the skin of fasted rats. A possible mechanism. Experimental and Toxicologic Pathology, 2000, 52, 127-131. | 2.1 | 10 |
| 104 | The mechanism of Daunorubicin-induced inhibition of prolylase activity in human skin fibroblasts and its implication to impaired collagen biosynthesis. Experimental and Toxicologic Pathology, 2000, 52, 149-155. | 2.1 | 21 |
| 105 | An accumulation of IGF-I and IGF-binding proteins in human umbilical cord. Molecular and Cellular Biochemistry, 2000, 206, 133-139. | 3.1 | 21 |
| 106 | Differential effect of fasting on IGF-BPs in serum of young and adult rats and its implication to impaired skin GAG content. , 2000, 205, 45-52. | | 3 |
| 107 | Preeclampsia Is Associated with Alterations in Insulin-Like Growth Factor (IGF)-1 and IGF-Binding Proteins in Wharton's Jelly of the Umbilical Cord. Clinical Chemistry and Laboratory Medicine, 2000, 38, 603-8. | 2.3 | 13 |
| 108 | Inhibition of collagen biosynthesis and increases in low molecular weight IGF-I binding proteins in the skin of fasted rats. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 2000, 127, 49-59. | 0.5 | 1 |

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| 109 | 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 |
| 110 | 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 |
| 111 | Decreased biosynthesis of glycosaminoglycans in the skin of rats with chronic diabetes mellitus. Experimental and Toxicologic Pathology, 1999, 51, 239-243. | 2.1 | 10 |
| 112 | Estrogen-dependent regulation of prolidase activity in breast cancer MCF-7 cells. Gynecological Endocrinology, 1999, 13, 166-174. | 1.7 | 15 |
| 113 | Insulin-like growth factor I-dependent regulation of prolidase activity in cultured human skin fibroblasts. Molecular and Cellular Biochemistry, 1998, 189, 177-184. | 3.1 | 34 |
| 114 | Prolidase in human breast cancer MCF-7 cells. Cancer Letters, 1998, 127, 63-70. | 7.2 | 23 |
| 115 | Fibroblast chemotaxis and prolidase activity modulation by insulin-like growth factor II and mannose 6-phosphate. Molecular and Cellular Biochemistry, 1997, 168, 177-183. | 3.1 | 40 |
| 116 | Prolidase activity in fibroblasts is regulated by interaction of extracellular matrix with cell surface integrin receptors. Journal of Cellular Biochemistry, 1997, 67, 166-175. | 2.6 | 143 |
| 117 | Decrease in the glycosaminoglycan content in the skin of diabetic rats. The role of IGF-I, IGF-binding proteins and proteolytic activity. Molecular and Cellular Biochemistry, 1996, 154, 1-8. | 3.1 | 29 |
| 118 | Elevated Activity of Low Molecular Weight Insulin-Like Growth Factor-Binding Proteins in Sera of Vitamin C-Deficient and Fasted Guinea Pigs*. Endocrinology, 1991, 128, 1769-1779. | 2.8 | 48 |
| 119 | Scorbutic and fasted guinea pig sera contain an insulin-like growth factor I-reversible inhibitor of proteoglycan and collagen synthesis in chick embryo chondrocytes and adult human skin fibroblasts. Archives of Biochemistry and Biophysics, 1990, 276, 85-93. | 3.0 | 86 |
| 120 | Similar Hormonal Changes in Sera from Scorbutic and Fasted (Vitamin C-Supplemented) Guinea Pigs, Including Decreased IGF-I and Appearance of an IGF-I Reversible Mitogenic Inhibitor. Growth Factors, 1989, 1, 147-156. | 1.7 | 29 |
| 121 | Salt stimulation of serum insulin-like growth factor binding protein activity. Analytical Biochemistry, 1988, 175, 442-449. | 2.4 | 16 |
| 122 | Plasma and liver amino acids in rats after administration of ethanol or acetaldehyde. Biochemical Medicine and Metabolic Biology, 1986, 36, 239-243. | 0.7 | 12 |
| 123 | Metformin Induces PRODH/POX-Dependent Apoptosis in Breast Cancer Cells. Frontiers in Molecular Biosciences, 0, 9, . | 3.5 | 3 |