

Aleksander Hinek

List of Publications by Year in descending order

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42
papers

1,926
citations

361413

20
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302126

39
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docs citations

43
times ranked

2076
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling Pathways Transduced through the Elastin Receptor Facilitate Proliferation of Arterial Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 44854-44863.	3.4	208
2	Connection between Elastin Haploinsufficiency and Increased Cell Proliferation in Patients with Supravalvular Aortic Stenosis and Williams-Beuren Syndrome. <i>American Journal of Human Genetics</i> , 2002, 71, 30-44.	6.2	166
3	Actin filaments participate in the relocalization of phosphatidylinositol3-kinase to glucose transporter-containing compartments and in the stimulation of glucose uptake in 3T3-L1 adipocytes. <i>Biochemical Journal</i> , 1998, 331, 917-928.	3.7	164
4	Impaired Elastogenesis in Hurler Disease. <i>American Journal of Pathology</i> , 2000, 156, 925-938.	3.8	151
5	Lysosomal Sialidase (Neuraminidase-1) Is Targeted to the Cell Surface in a Multiprotein Complex That Facilitates Elastic Fiber Assembly. <i>Journal of Biological Chemistry</i> , 2006, 281, 3698-3710.	3.4	141
6	Decreased Elastin Deposition and High Proliferation of Fibroblasts from Costello Syndrome Are Related to Functional Deficiency in the 67-kD Elastin-Binding Protein. <i>American Journal of Human Genetics</i> , 2000, 66, 859-872.	6.2	108
7	Nature and the Multiple Functions of the 67-kD Elastin-/Laminin Binding Protein. <i>Cell Adhesion and Communication</i> , 1994, 2, 185-193.	1.7	91
8	Neuraminidase-1, a Subunit of the Cell Surface Elastin Receptor, Desialylates and Functionally Inactivates Adjacent Receptors Interacting with the Mitogenic Growth Factors PDGF-BB and IGF-2. <i>American Journal of Pathology</i> , 2008, 173, 1042-1056.	3.8	88
9	Retrovirally Mediated Overexpression of Versican V3 Reverses Impaired Elastogenesis and Heightened Proliferation Exhibited by Fibroblasts from Costello Syndrome and Hurler Disease Patients. <i>American Journal of Pathology</i> , 2004, 164, 119-131.	3.8	71
10	Bioengineering of elastic cartilage with aggregated porcine and human auricular chondrocytes and hydrogels containing alginate, collagen, and α -elastin. , 1999, 44, 280-288.		68
11	Characterization of β -galactosidase mutations Asp332 \rightarrow Asn and Arg148 \rightarrow Ser, and a polymorphism, Ser532 \rightarrow Gly, in a case of GM1 gangliosidosis. <i>Biochemical Journal</i> , 2000, 348, 621-632.	3.7	44
12	Aldosterone Stimulates Elastogenesis in Cardiac Fibroblasts via Mineralocorticoid Receptor-independent Action Involving the Consecutive Activation of G α 13, c-Src, the Insulin-like Growth Factor-I Receptor, and Phosphatidylinositol 3-Kinase/Akt. <i>Journal of Biological Chemistry</i> , 2009, 284, 16633-16647.	3.4	43
13	Astrocytoma cell interaction with elastin substrates: Implications for astrocytoma invasive potential. , 1999, 25, 179-189.		37
14	Aldosterone Induces Elastin Production in Cardiac Fibroblasts through Activation of Insulin-Like Growth Factor-I Receptors in a Mineralocorticoid Receptor-Independent Manner. <i>American Journal of Pathology</i> , 2007, 171, 809-819.	3.8	36
15	Phytoestrogen, tanshinone IIA diminishes collagen deposition and stimulates new elastogenesis in cultures of human cardiac fibroblasts. <i>Experimental Cell Research</i> , 2014, 323, 189-197.	2.6	35
16	Fluctuations of Intracellular Iron Modulate Elastin Production. <i>Journal of Biological Chemistry</i> , 2005, 280, 2341-2351.	3.4	34
17	Early proteolytic cleavage with loss of a C-terminal fragment underlies altered processing of the β -galactosidase precursor in galactosialidosis. <i>Biochemical Journal</i> , 1996, 313, 787-794.	3.7	32
18	Myocardial storage of chondroitin sulfate-containing moieties in Costello syndrome patients with severe hypertrophic cardiomyopathy. , 2005, 133A, 1-12.		32

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19	Dexamethasone normalizes aberrant elastic fiber production and collagen 1 secretion by Loey's syndrome fibroblasts: a possible treatment?. <i>European Journal of Human Genetics</i> , 2011, 19, 624-633.	2.8	30
20	Traditional Chinese medicine, Danlou tablets alleviate adverse left ventricular remodeling after myocardial infarction: results of a double-blind, randomized, placebo-controlled, pilot study. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 447.	3.7	28
21	Proteolytic digest derived from bovine Ligamentum Nuchae stimulates deposition of new elastin-enriched matrix in cultures and transplants of human dermal fibroblasts. <i>Journal of Dermatological Science</i> , 2005, 39, 155-166.	1.9	27
22	Insulin Induces Production of New Elastin in Cultures of Human Aortic Smooth Muscle Cells. <i>American Journal of Pathology</i> , 2012, 180, 715-726.	3.8	27
23	Sodium l-ascorbate enhances elastic fibers deposition by fibroblasts from normal and pathologic human skin. <i>Journal of Dermatological Science</i> , 2014, 75, 173-182.	1.9	24
24	Experimental Right Ventricular Hypertension Induces Regional α 1-Integrin-Mediated Transduction of Hypertrophic and Profibrotic Right and Left Ventricular Signaling. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	22
25	Sodium tanshinone IIA sulfonate for reduction of periprocedural myocardial injury during percutaneous coronary intervention (STAMP trial): Rationale and design. <i>International Journal of Cardiology</i> , 2015, 182, 329-333.	1.7	21
26	Tumour cell blebbing and extracellular vesicle shedding: key role of matrikines and ribosomal protein SA. <i>British Journal of Cancer</i> , 2019, 120, 453-465.	6.4	21
27	Retinoblastoma Protein Modulates the Inverse Relationship between Cellular Proliferation and Elastogenesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 36580-36591.	3.4	18
28	Tanshinone IIA inhibits angiotensin II induced extracellular matrix remodeling in human cardiac fibroblasts – Implications for treatment of pathologic cardiac remodeling. <i>International Journal of Cardiology</i> , 2016, 202, 110-117.	1.7	18
29	Serine Carboxypeptidase SCPEP1 and Cathepsin A Play Complementary Roles in Regulation of Vasoconstriction via Inactivation of Endothelin-1. <i>PLoS Genetics</i> , 2014, 10, e1004146.	3.5	16
30	Sodium tanshinone IIA sulfonate prevents the adverse left ventricular remodeling: Focus on polymorphonuclear neutrophil-derived granule components. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4592-4600.	3.6	16
31	The Antidiabetic Hormone Glucagon-Like Peptide-1 Induces Formation of New Elastic Fibers in Human Cardiac Fibroblasts After Cross-Activation of IGF-IR. <i>Endocrinology</i> , 2015, 156, 90-102.	2.8	14
32	Exploration of Multiple Signaling Pathways Through Which Sodium Tanshinone IIA Sulfonate Attenuates Pathologic Remodeling Experimental Infarction. <i>Frontiers in Pharmacology</i> , 2019, 10, 779.	3.5	13
33	Beneficial Effects of Baduanjin Exercise on Left Ventricular Remodelling in Patients after Acute Myocardial Infarction: an Exploratory Clinical Trial and Proteomic Analysis. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 21-32.	2.6	13
34	Efficacy of Sodium Tanshinone IIA Sulfonate in Patients with Non-ST Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: Results from a Multicentre, Controlled, Randomized Trial. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 321-329.	2.6	11
35	Isolation and characterization of patient-derived CNS metastasis-associated stromal cell lines. <i>Oncogene</i> , 2019, 38, 4002-4014.	5.9	10
36	Fat α 1 transgenic mice rich in endogenous omega ω 3 fatty acids are protected from lipopolysaccharide-induced cardiac dysfunction. <i>ESC Heart Failure</i> , 2021, 8, 1966-1978.	3.1	10

#	ARTICLE	IF	CITATIONS
37	High copper levels and increased elastolysis in a patient with cutis marmorata teleangiectasia congenita. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 2520-2527.	1.2	9
38	Synthetic ligands of the elastin receptor induce elastogenesis in human dermal fibroblasts via activation of their IGF-1 receptors. <i>Journal of Dermatological Science</i> , 2015, 80, 175-185.	1.9	9
39	Potential Mechanism of Dermal Wound Treatment With Preparations From the Skin Gel of Arabian Gulf Catfish: A Unique Furan Fatty Acid (F6) and Cholesta-3,5-Diene (S5) Recruit Neutrophils and Fibroblasts to Promote Wound Healing. <i>Frontiers in Pharmacology</i> , 2020, 11, 899.	3.5	7
40	Addition of Chinese herbal remedy, Tongguan Capsules, to the standard treatment in patients with myocardial infarction improve the ventricular reperfusion and remodeling: Proteomic analysis of possible signaling pathways. <i>Journal of Ethnopharmacology</i> , 2020, 257, 112794.	4.1	5
41	Mice, double deficient in lysosomal serine carboxypeptidases Scep1 and Cathepsin A develop the hyperproliferative vesicular corneal dystrophy and hypertrophic skin thickenings. <i>PLoS ONE</i> , 2017, 12, e0172854.	2.5	4
42	The 67 kDa Spliced Variant of β -Galactosidase Serves as a Reusable Protective Chaperone for Tropoelastin. <i>Novartis Foundation Symposium</i> , 1995, 192, 185-198.	1.1	4