

Carl Franzblau

List of Publications by Year in descending order

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43
papers

1,150
citations

361296

20
h-index

377752

34
g-index

43
all docs

43
docs citations

43
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	CityLab at Boston University â€œ Thirty Years of Innovation and Partnerships. Journal of STEM Outreach, 2020, 3, .	0.3	1
2	Mobile laboratory programs as vehicles to promote STEM education in K-12 and beyond. , 2011, , .		3
3	Anticardiolipin Antibodies and Risk of Ischemic Stroke and Transient Ischemic Attack. Stroke, 2004, 35, 736-741.	1.0	110
4	The Role of the Carboxy Terminus of Tropoelastin in its Assembly into the Elastic Fiber. Connective Tissue Research, 1999, 40, 83-95.	1.1	33
5	Cross-linked elastin and collagen degradation products in the urine of patients with scleroderma. Arthritis and Rheumatism, 1995, 38, 517-524.	6.7	27
6	A synthetic dural prosthesis constructed from hydroxyethylmethacrylate hydrogels. Journal of Neurosurgery, 1995, 83, 897-902.	0.9	30
7	Preliminary Evidence That Augmentation Therapy Diminishes Degradation of Cross-Linked Elastin in Alpha-1-Antitrypsin-Deficient Humans. Respiration, 1995, 62, 76-79.	1.2	42
8	Elastin and Collagen Degradation Products in Urine of Smokers With and Without Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 952-959.	2.5	103
9	Oxidants from Neutrophil Myeloperoxidase Do not Enhance Elastase-Induced Emphysema in the Hamster. Respiration, 1993, 60, 137-143.	1.2	0
10	In-Situ Hybridization of Tropoelastin mRNA during the Development of the Multilayered Neonatal Rat Aortic Smooth Muscle Cell Culture. Matrix Biology, 1992, 12, 321-332.	1.8	19
11	Elastin Synthesis and Accumulation in Irradiated Smooth Muscle Cell Cultures. Connective Tissue Research, 1992, 28, 181-189.	1.1	9
12	Long term treatment of neonatal aortic smooth muscle cells with β 2VLDL induces cholesterol accumulation. Atherosclerosis, 1992, 95, 201-210.	0.4	14
13	Alterations of Tropoelastin Biosynthesis by Elastase Damage to Smooth Muscle Cell Matrices. Matrix Biology, 1992, 12, 163-171.	1.8	4
14	Type IV Collagen Synthesis and Accumulation in Neonatal Rat Aortic Smooth Muscle Cell Cultures. Matrix Biology, 1992, 12, 352-361.	1.8	13
15	Isolation of hydroxylysyl pyridinoline, a mature collagen crosslink from neonatal rat aorta smooth muscle cell cultures. Matrix Biology, 1992, 12, 381-387.	1.8	13
16	A Controlled Precursor Add-Back Model of Elastogenesis in Smooth Muscle Cell Cultures. Matrix Biology, 1991, 11, 367-372.	1.8	6
17	Measurement of Urinary Desmosine by Isotope Dilution and High Performance Liquid Chromatography: Correlation between Elastase-induced Air-Space Enlargement in the Hamster and Elevation of Urinary Desmosine. The American Review of Respiratory Disease, 1991, 144, 284-290.	2.9	53
18	The effect of β 2-aminopropionitrile on elastin gene expression in smooth muscle cell cultures. Biochemical and Biophysical Research Communications, 1991, 179, 939-944.	1.0	18

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19	Aortic elastin fluorescence after in vivo labeling with Congo red. <i>Journal of Fluorescence</i> , 1991, 1, 147-151.	1.3	3
20	Monocyte activation by smooth muscle cell-derived matrices. <i>Atherosclerosis</i> , 1990, 85, 113-125.	0.4	8
21	Direct binding enzyme-linked immunosorbent assay (ELISA) for serum amyloid A (SAA). <i>Journal of Immunological Methods</i> , 1989, 125, 125-135.	0.6	62
22	Elastin mRNA levels and insoluble elastin accumulation in neonatal rat smooth muscle cell cultures. <i>Biochemistry</i> , 1988, 27, 3175-3182.	1.2	22
23	β^2 -VLDL-induced alterations in growth potentiating activity produced by mononuclear phagocytes. <i>Atherosclerosis</i> , 1988, 69, 69-79.	0.4	24
24	Collagen Biosynthesis in Iron Overload. <i>Annals of the New York Academy of Sciences</i> , 1988, 526, 179-184.	1.8	30
25	Cadmium-Chloride-induced Air-Space Enlargement with Interstitial Pulmonary Fibrosis Is Not Associated with Destruction of Lung Elastin: Implications for the Pathogenesis of Human Emphysema. <i>The American Review of Respiratory Disease</i> , 1988, 137, 918-923.	2.9	73
26	Defenses of the Hamster Lung against Human Neutrophil and Porcine Pancreatic Elastase. <i>Respiration</i> , 1988, 54, 1-15.	1.2	28
27	Elastin in a neonatal rat smooth muscle cell culture has greatly decreased susceptibility to proteolysis by human neutrophil elastase. An in vitro model of elastolytic injury. <i>In Vitro Cellular & Developmental Biology</i> , 1987, 23, 663-676.	1.0	28
28	Elastase effect on the extracellular matrix of rat aortic smooth muscle cells in culture. <i>Experimental and Molecular Pathology</i> , 1986, 45, 105-117.	0.9	16
29	Ageing effects on the elastin composition in the extracellular matrix of cultured rat aortic smooth muscle cells. <i>In Vitro Cellular & Developmental Biology</i> , 1985, 21, 674-680.	1.0	50
30	Pathogenesis of hepatic fibrosis in experimental iron overload. <i>British Journal of Haematology</i> , 1985, 59, 321-331.	1.2	51
31	Serum Antielastase and Neutrophil Elastase Levels in PiM Phenotype Cigarette Smokers with Airflow Obstruction. <i>Respiration</i> , 1985, 47, 267-277.	1.2	7
32	Alteration of the extracellular matrix of smooth muscle cells by ascorbate treatment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 840, 245-254.	1.1	77
33	Radioimmunoassay for methotrexate using hydroxyethylmethacrylate hydrogel. <i>Cancer Chemotherapy and Pharmacology</i> , 1983, 10, 96-99.	1.1	4
34	Effects of ascorbate on insoluble elastin accumulation and crosslink formation in rabbit pulmonary artery smooth muscle cultures. <i>Biochemistry</i> , 1982, 21, 4195-4202.	1.2	36
35	A gelatin-specific protease from hamster lung-derived cell cultures. <i>In Vitro</i> , 1982, 18, 15-23.	1.2	2
36	Formation of Elastic Fibers and Elastin in Rabbit Aortic Smooth Muscle Cell Cultures. <i>Connective Tissue Research</i> , 1981, 8, 231-239.	1.1	22

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37	Ultrastructural studies of a polygonal myofilament network in cultured rat aortic smooth muscle cells. <i>Cell Motility</i> , 1981, 1, 193-203.	1.9	5
38	Elastin. , 1981, , 65-93.		12
39	Isolation of purified insoluble aortic collagen. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1978, 534, 64-72.	1.7	17
40	A Modified Procedure for the Purification of Clostridial Collagenase. <i>Preparative Biochemistry and Biotechnology</i> , 1978, 8, 387-407.	0.4	6
41	Intrinsic enzyme activity associated with tropoelastin. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1976, 446, 245-254.	1.7	18
42	Effect of Hydrophobic Elastin Ligands on the Stress-Strain Properties of Elastin Fibers. <i>Connective Tissue Research</i> , 1976, 4, 177-179.	1.1	39
43	The physical properties and molecular structure of Ligamentum Nuchae elastin. <i>Biopolymers</i> , 1974, 13, 2447-2459.	1.2	12