

L Maximilian Buja

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1622526/l-maximilian-buja-publications-by-year.pdf>

Version: 2024-04-29

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.

183
papers

6,850
citations

39
h-index

79
g-index

203
ext. papers

7,691
ext. citations

4.2
avg, IF

6.03
L-index

#	Paper	IF	Citations
183	THE HISTORY, SCIENCE, AND ART OF WINE AND THE CASE FOR HEALTH BENEFITS: PERSPECTIVES OF AN OENOPHILIC CARDIOVASCULAR PATHOLOGIST. <i>Cardiovascular Pathology</i> , 2022 , 107446	3.8	2
182	The pathology of cardiovascular interventions and devices for coronary artery disease, vascular disease, heart failure, and arrhythmias 2022 , 761-798		
181	Cardiovascular pathology: guide to practice and training 2022 , 1-26		
180	Basic pathobiology of cell-based therapies and cardiac regenerative medicine 2022 , 889-910		
179	Myocardial ischemia and its complications 2022 , 407-445		
178	HYPERTROPHIC CARDIOMYOPATHY WITH A COMPLEX CLINICAL COURSE LEADING TO HEART TRANSPLANTATION.. <i>Cardiovascular Pathology</i> , 2021 , 58, 107406	3.8	0
177	Label-Free Visualization and Quantification of Biochemical Markers of Atherosclerotic Plaque Progression Using Intravascular Fluorescence Lifetime. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1832-1842	8.4	3
176	Electron microscopic identification of SARS-CoV-2. <i>Cardiovascular Pathology</i> , 2021 , 52, 107337	3.8	0
175	Immune checkpoint inhibitor myocarditis: elucidating the spectrum of disease through endomyocardial biopsy. <i>European Journal of Heart Failure</i> , 2021 , 23, 1725-1735	12.3	9
174	An unexpected paradox: wall shear stress in the aorta is less in patients with severe atherosclerosis regardless of obesity. <i>Cardiovascular Pathology</i> , 2021 , 51, 107313	3.8	1
173	The cell theory and cellular pathology: Discovery, refinements and applications fundamental to advances in biology and medicine. <i>Experimental and Molecular Pathology</i> , 2021 , 121, 104660	4.4	6
172	Granulomatous fungal and non-tuberculous mycobacterial infestation complicating chronic lung disease: Outcomes in patients undergoing lung transplantation. <i>Annals of Diagnostic Pathology</i> , 2021 , 55, 151832	2.2	0
171	COVID-19 Cardiac Injury: An Important Cause of COVID-19 Related Morbidity and Mortality. <i>Annals of Clinical and Laboratory Science</i> , 2021 , 51, 156-162	0.9	
170	The emerging spectrum of cardiopulmonary pathology of the coronavirus disease 2019 (COVID-19): Report of 3 autopsies from Houston, Texas, and review of autopsy findings from other United States cities. <i>Cardiovascular Pathology</i> , 2020 , 48, 107233	3.8	242
169	Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia. <i>Pediatric Pulmonology</i> , 2020 , 55, 2402-2411	3.5	5
168	Prevention of heart failure with preserved ejection fraction (HFpEF): reexamining microRNA-21 inhibition in the era of oligonucleotide-based therapeutics. <i>Cardiovascular Pathology</i> , 2020 , 49, 107243	3.8	5
167	Primary cardiac angiosarcoma with giant cells: A case report of an autopsy. <i>Human Pathology: Case Reports</i> , 2020 , 20, 200370	0.2	

166	Innovators in atherosclerosis research: A historical review. <i>International Journal of Cardiology</i> , 2020 , 307, 8-14	3.2	5
165	NCMP-09. POSTMORTEM STUDY OF ORGAN SPECIFIC TOXICITY IN GLIOBLASTOMA PATIENTS TREATED WITH A COMBINATION OF TEMOZOLOMIDE, BEVACIZUMAB AND IRINOTECAN. <i>Neuro-Oncology</i> , 2020 , 22, ii124-ii125	1	
164	Valvular Heart Disease: Pathological Anatomy and Pathogenesis. <i>Cardiovascular Medicine</i> , 2020 , 1-15	0.1	
163	Clinicopathological complexity in the application of the universal definition of myocardial infarction. <i>Cardiovascular Pathology</i> , 2020 , 44, 107153	3.8	12
162	Clinicopathological manifestations of myocarditis in a heart failure population. <i>Cardiovascular Pathology</i> , 2020 , 45, 107190	3.8	6
161	Deadly combination of Vaping-Induced lung injury and Influenza: case report. <i>Diagnostic Pathology</i> , 2020 , 15, 83	3	6
160	The Terrible Triad of Checkpoint Inhibition: A Case Report of Myasthenia Gravis, Myocarditis, and Myositis Induced by Cemiplimab in a Patient with Metastatic Cutaneous Squamous Cell Carcinoma. <i>Case Reports in Immunology</i> , 2020 , 2020, 5126717	1.9	16
159	The Texas Society of Pathologists: molded by the legacy of pathology and focused on excellence in medicine for 100 years and beyond. <i>Baylor University Medical Center Proceedings</i> , 2020 , 34, 199-214	0.6	1
158	Cardiac repair and the putative role of stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 128, 96-104	5.8	14
157	Medical education today: all that glitters is not gold. <i>BMC Medical Education</i> , 2019 , 19, 110	3.3	48
156	The Importance of the Autopsy in Medicine: Perspectives of Pathology Colleagues. <i>Academic Pathology</i> , 2019 , 6, 2374289519834041	1.3	21
155	Life After Being a Pathology Department Chair III: Reflections on the "Afterlife". <i>Academic Pathology</i> , 2019 , 6, 2374289519846068	1.3	3
154	Pathobiology of cardiovascular diseases: an update. <i>Cardiovascular Pathology</i> , 2019 , 42, 44-53	3.8	15
153	A case of Brucella aortitis associated with development of thoracic aortic aneurysm and aortobronchial fistula. <i>Cardiovascular Pathology</i> , 2019 , 39, 5-7	3.8	2
152	Cardiac sarcoidosis presenting as arrhythmogenic right ventricular cardiomyopathy/dysplasia with ventricular aneurysms: a case report. <i>Cardiovascular Pathology</i> , 2018 , 33, 1-5	3.8	5
151	Oncosis 2018 , 567-582		0
150	Eosinophilic endomyocardial disease. <i>Cardiovascular Pathology</i> , 2017 , 27, 54-56	3.8	2
149	Treatment of Multiple Myeloma in a Heart Transplant Recipient. <i>Progress in Transplantation</i> , 2017 , 27, 65-68	1.1	4

148	Update on congenital heart disease and sudden infant/perinatal death: from history to future trends. <i>Journal of Clinical Pathology</i> , 2017 , 70, 555-562	3.9	12
147	An Obesity Paradox: Increased Body Mass Index Is Associated with Decreased Aortic Atherosclerosis. <i>Current Hypertension Reports</i> , 2017 , 19, 55	4.7	11
146	Mitochondria in Ischemic Heart Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 982, 127-140	3.6	11
145	Assessment of atherosclerotic luminal narrowing of coronary arteries based on morphometrically generated visual guides. <i>Cardiovascular Pathology</i> , 2017 , 29, 53-60	3.8	5
144	Diagnosis of Thin-Capped Fibroatheromas in Intravascular Optical Coherence Tomography Images: Effects of Light Scattering. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	28
143	Prevention of perioperative vascular prosthetic infection with a novel triple antimicrobial-bonded arterial graft. <i>Journal of Vascular Surgery</i> , 2016 , 64, 1805-1814	3.5	10
142	Pathobiology of Ischemic Heart Disease: Past, Present and Future. <i>Cardiovascular Pathology</i> , 2016 , 25, 214-220	3.8	38
141	Primary Cardiac Sarcoidosis with Syncope and Refractory Atrial Arrhythmia: A Case Report and Review of the Literature. <i>Texas Heart Institute Journal</i> , 2016 , 43, 236-40	0.8	5
140	Pathological Assessment of Experimental Models of Stem Cell and Other Regenerative Therapies 2016 , 13-23		
139	Left ventricular noncompaction cardiomyopathy in end-stage heart failure patients undergoing orthotopic heart transplantation. <i>Cardiovascular Pathology</i> , 2016 , 25, 293-299	3.8	15
138	Consensus statement on surgical pathology of the aorta from the Society for Cardiovascular Pathology and the Association For European Cardiovascular Pathology: II. Noninflammatory degenerative diseases - nomenclature and diagnostic criteria. <i>Cardiovascular Pathology</i> , 2016 , 25, 247-257	3.8	128
137	Anatomopathological changes of the cardiac conduction system in sudden cardiac death, particularly in infants: advances over the last 25 years. <i>Cardiovascular Pathology</i> , 2016 , 25, 489-499	3.8	17
136	Prostate Adenocarcinoma Metastasis to the Bilateral Ureters: a Rare but Potentially Important Finding. <i>Annals of Clinical and Laboratory Science</i> , 2016 , 46, 425-7	0.9	1
135	Anthracycline treatment and ventricular remodeling in left ventricular assist device patients. <i>Texas Heart Institute Journal</i> , 2015 , 42, 124-30	0.8	9
134	Procainamide-induced pulmonary fibrosis after orthotopic heart transplantation: a case report and literature review. <i>Cardiovascular Pathology</i> , 2015 , 24, 250-3	3.8	3
133	Pathological assessment of end-stage heart failure in explanted hearts in correlation with hemodynamics in patients undergoing orthotopic heart transplantation. <i>Cardiovascular Pathology</i> , 2015 , 24, 283-9	3.8	17
132	In reply. <i>Archives of Pathology and Laboratory Medicine</i> , 2015 , 139, 571-2	5	1
131	Simultaneous morphological and biochemical endogenous optical imaging of atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 910-8	4.1	19

130	Coronary Artery Disease: Pathological Anatomy and Pathogenesis. <i>Cardiovascular Medicine</i> , 2015 , 1-20	0.1	1
129	Method for sectioning and sampling hearts for histologic evaluation after delivery of biological agents by transendocardial injection. <i>Cardiovascular Pathology</i> , 2015 , 24, 304-9	3.8	7
128	The defining pathology of the new clinical and histopathologic entity ACTA2-related cerebrovascular disease. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 81	7.3	24
127	7: Increased Sirt1 Positive Lymphocytes in Acute Cellular Cardiac Allograft Rejection: Contributor to Pathogenesis and a Therapeutic Target. <i>American Journal of Clinical Pathology</i> , 2015 , 143, A005-A005	1.9	
126	Consensus statement on surgical pathology of the aorta from the Society for Cardiovascular Pathology and the Association for European Cardiovascular Pathology: I. Inflammatory diseases. <i>Cardiovascular Pathology</i> , 2015 , 24, 267-78	3.8	166
125	Macrophages and intravascular OCT bright spots: a quantitative study. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 63-72	8.4	64
124	Nikolai N. Anitschkow and the lipid hypothesis of atherosclerosis. <i>Cardiovascular Pathology</i> , 2014 , 23, 183-4	3.8	14
123	Sudden death in a 15-year-old with diffuse cardiac rhabdomyomatosis: an autopsy case report. <i>Cardiovascular Pathology</i> , 2014 , 23, 351-3	3.8	5
122	Granulomatous myocarditis in severe heart failure patients undergoing implantation of a left ventricular assist device. <i>Cardiovascular Pathology</i> , 2014 , 23, 17-20	3.8	22
121	Fibrosis and heart failure. <i>Heart Failure Reviews</i> , 2014 , 19, 173-85	5	222
120	Heart failure in remission for more than 13 years after removal of a left ventricular assist device. <i>Texas Heart Institute Journal</i> , 2014 , 41, 389-94	0.8	4
119	Sudden cardiac death due to coronary artery involvement by IgG4-related disease: a rare, serious complication of a rare disease. <i>Archives of Pathology and Laboratory Medicine</i> , 2014 , 138, 833-6	5	45
118	Acute aortic dissections with pregnancy in women with ACTA2 mutations. <i>American Journal of Medical Genetics, Part A</i> , 2014 , 164A, 106-12	2.5	24
117	HHV-6 and HHV-7 in Cardiovascular Diseases and Cardiomyopathies 2014 , 267-280		
116	Variability in fibrosis in tissue samples obtained during diaphragmatic and apical LVAD implantation. <i>Cardiovascular Pathology</i> , 2014 , 23, 121-5	3.8	2
115	Morphologic changes in the aortic wall media after support with a continuous-flow left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 1096-100	5.8	31
114	Xenotransplantation of human unrestricted somatic stem cells in a pig model of acute myocardial infarction. <i>Xenotransplantation</i> , 2013 , 20, 110-22	2.8	10
113	A model for cardiomyocyte cell death: insights into mechanisms of oncosis. <i>Experimental and Molecular Pathology</i> , 2013 , 94, 289-300	4.4	18

112	Aortic intimal sarcoma: report of two cases with immunohistochemical analysis for pathogenesis. <i>Cardiovascular Pathology</i> , 2013 , 22, 351-6	3.8	12
111	A university system's approach to enhancing the educational mission of health science schools and institutions: the University of Texas Academy of Health Science Education. <i>Medical Education Online</i> , 2013 , 18, 1-6	4.4	3
110	The pathobiology of acute coronary syndromes: clinical implications and central role of the mitochondria. <i>Texas Heart Institute Journal</i> , 2013 , 40, 221-8	0.8	25
109	Oncosis: an important non-apoptotic mode of cell death. <i>Experimental and Molecular Pathology</i> , 2012 , 93, 302-8	4.4	134
108	A pilot study of a triple antimicrobial-bonded Dacron graft for the prevention of aortic graft infection. <i>Journal of Vascular Surgery</i> , 2012 , 56, 794-801	3.5	24
107	Flat-panel versus 64-channel computed tomography for in vivo quantitative characterization of aortic atherosclerotic plaques. <i>International Journal of Cardiology</i> , 2012 , 156, 295-302	3.2	1
106	Insights into Anti Cancer Agent-Induced Cardiotoxicity. <i>FASEB Journal</i> , 2012 , 26, 137.9	0.9	
105	Vascular responses to percutaneous coronary intervention with bare-metal stents and drug-eluting stents: a perspective based on insights from pathological and clinical studies. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1323-6	15.1	19
104	Body temperature circadian rhythm variability corresponds to left ventricular systolic dysfunction in decompensated cardiomyopathic hamsters. <i>Journal of Cardiac Failure</i> , 2011 , 17, 937-43	3.3	2
103	Histopathologic correlates of myocardial improvement in patients supported by a left ventricular assist device. <i>Cardiovascular Pathology</i> , 2011 , 20, 139-45	3.8	39
102	Current status of the role of stem cells in myocardial biology and repair. <i>Cardiovascular Pathology</i> , 2011 , 20, 297-301	3.8	9
101	The Texas Society of Pathologists: a historical perspective of the first 90 years. <i>Archives of Pathology and Laboratory Medicine</i> , 2011 , 135, 12-8	5	1
100	Immunologic and inflammatory reactions to exogenous stem cells implications for experimental studies and clinical trials for myocardial repair. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1693-700	15.1	40
99	Unresolved issues in myocardial reperfusion injury. <i>Cardiovascular Pathology</i> , 2010 , 19, 29-35	3.8	58
98	AECVP and SCVP 2009 recommendations for training in cardiovascular pathology. <i>Cardiovascular Pathology</i> , 2010 , 19, 129-35	3.8	12
97	Basil RuDusky: Forensic cardiovascular medicine. <i>Forensic Science, Medicine, and Pathology</i> , 2010 , 6, 76-76.5		
96	De novo ACTA2 mutation causes a novel syndrome of multisystemic smooth muscle dysfunction. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 2437-43	2.5	174
95	Histopathological study of healing after allogenic mesenchymal stem cell delivery in myocardial infarction in dogs. <i>Journal of Histochemistry and Cytochemistry</i> , 2009 , 57, 167-76	3.4	39

94	Evaluation of recombinant alpha-galactosidase A therapy for amelioration of the cardiovascular manifestations of Fabry disease: an important role for endomyocardial biopsy. <i>Circulation</i> , 2009 , 119, 2539-41	16.7	8
93	Mutations in smooth muscle alpha-actin (ACTA2) cause coronary artery disease, stroke, and Moyamoya disease, along with thoracic aortic disease. <i>American Journal of Human Genetics</i> , 2009 , 84, 617-27	11	364
92	Floating, non-occlusive, mobile aortic thrombus and splenic infarction associated with protein C deficiency. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1419.e1-3	5.8	10
91	The impact of declining clinical autopsies: need for revised healthcare policy. <i>American Journal of the Medical Sciences</i> , 2009 , 337, 41-6	2.2	35
90	Characterization of the inflammatory cells in ascending thoracic aortic aneurysms in patients with Marfan syndrome, familial thoracic aortic aneurysms, and sporadic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 922-9, 929.e1	1.5	92
89	Location and density of alpha- and beta-adrenoreceptor sub-types in myocardium after mechanical left ventricular unloading. <i>Journal of Heart and Lung Transplantation</i> , 2008 , 27, 710-7	5.8	14
88	Comparison of intracoronary and transendocardial delivery of allogeneic mesenchymal cells in a canine model of acute myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 486-95	5.8	191
87	Stimulation of mitochondrial biogenesis and autophagy by lipopolysaccharide in the neonatal rat cardiomyocyte protects against programmed cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 411-8	5.8	106
86	Cardiomyocyte death and renewal in the normal and diseased heart. <i>Cardiovascular Pathology</i> , 2008 , 17, 349-74	3.8	118
85	Biatrial myxoma: a case report and review of the literature. <i>Journal of Cardiac Surgery</i> , 2008 , 23, 385-90	1.3	23
84	Mutations in smooth muscle alpha-actin (ACTA2) lead to thoracic aortic aneurysms and dissections. <i>Nature Genetics</i> , 2007 , 39, 1488-93	36.3	623
83	Coronary Artery Disease: Pathologic Anatomy and Pathogenesis 2007 , 593-610		4
82	Aurintricarboxylic acid inhibits protein synthesis independent, sanguinarine-induced apoptosis and oncosis. <i>Toxicologic Pathology</i> , 2007 , 35, 300-9	2.1	17
81	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. <i>Human Molecular Genetics</i> , 2007 , 16, 2453-62	5.6	210
80	Nuclear localization of HBD-1 in human keratinocytes. <i>Journal of Burns and Wounds</i> , 2007 , 7, e3		5
79	Valvular Heart Disease: Anatomic Abnormalities 2007 , 369-379		2
78	Stimulation of autophagy prevents apoptosis of neonatal rat cardiomyocytes exposed to lipopolysaccharide. <i>FASEB Journal</i> , 2007 , 21, A759	0.9	1
77	Mesenchymal stem cells favor healing and remodeling in a canine acute ischemia model. <i>FASEB Journal</i> , 2007 , 21, A379	0.9	1

76	Transplanted bone marrow mesenchymal stem cell distribution pattern in the heart: comparison of delivery routes. <i>FASEB Journal</i> , 2007 , 21, A380	0.9	1
75	Localization of antimicrobial peptides in normal and burned skin. <i>Burns</i> , 2006 , 32, 402-7	2.3	28
74	Stem cells and cardiovascular tissue repair: Mechanism, methods, and clinical applications. <i>Journal of Cardiothoracic-Renal Research</i> , 2006 , 1, 3-14		4
73	HHV-6 in Cardiovascular Pathology. <i>Perspectives in Medical Virology</i> , 2006 , 12, 233-241		
72	The response of neonatal rat ventricular myocytes to lipopolysaccharide-induced stress. <i>Shock</i> , 2006 , 25, 546-52	3.4	20
71	Transverse aortic arch replacement associated with MAGIC syndrome: case report and literature review. <i>Annals of Vascular Surgery</i> , 2006 , 20, 395-8	1.7	13
70	Effect of a simple versus a complex matrix on the polarity of cardiomyocytes in culture. <i>Journal of Burns and Wounds</i> , 2006 , 5, e3		4
69	Fluorescence imaging microscopy of cellular markers in ischemic vs non-ischemic cardiomyopathy after left ventricular unloading. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 454-61	5.8	5
68	Alterations in alpha adrenoreceptor density and localization after mechanical left ventricular unloading with the Jarvik flowmaker left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 609-13	5.8	13
67	Myocardial ischemia and reperfusion injury. <i>Cardiovascular Pathology</i> , 2005 , 14, 170-5	3.8	335
66	Primary lymphoma of the aorta presenting as a descending thoracic aortic aneurysm. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1502-4	2.7	15
65	Left ventricular unloading with an assist device results in receptor relocalization as well as increased beta-adrenergic receptor numbers: are these changes indications for outcome?. <i>Journal of Cardiac Surgery</i> , 2005 , 20, 332-6	1.3	15
64	A simple model to simulate cellular changes in the T cell system following HIV-1 infection. <i>Anticancer Research</i> , 2004 , 24, 1689-98	2.3	4
63	Mathematical model to simulate the cellular dynamics of infection with human herpesvirus-6 in EBV-negative infectious mononucleosis. <i>Journal of Medical Virology</i> , 2003 , 71, 569-77	19.7	7
62	Is inflammation the critical factor linking vulnerable coronary plaques to clinical coronary disease?. <i>American Journal of Medicine</i> , 2003 , 114, 607-8	2.4	
61	TCM-1: a nonlinear dynamical computational model to simulate cellular changes in the T cell system; conceptual design and validation. <i>Anticancer Research</i> , 2003 , 23, 123-35	2.3	6
60	Sodium/hydrogen-exchanger inhibition during cardioplegic arrest and cardiopulmonary bypass: an experimental study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 123, 959-66	1.5	18
59	Chronic aortic dissection not a risk factor for neurologic deficit in thoracoabdominal aortic aneurysm repair. <i>European Journal of Vascular and Endovascular Surgery</i> , 2002 , 23, 244-50	2.3	24

58	Localization of the transmembrane proteoglycan syndecan-4 and its regulatory kinases in costameres of rat cardiomyocytes: a deconvolution microscopic study. <i>The Anatomical Record</i> , 2002 , 268, 38-46		26
57	Victor J. Ferrans, MD, PhD. <i>Circulation</i> , 2002 , 105, 544-545	16.7	2
56	Images in cardiovascular medicine. Eosinophilic pericarditis and myocarditis. <i>Circulation</i> , 2002 , 105, 3066-3067	16.7	7
55	Palmitate-induced apoptosis in neonatal cardiomyocytes is not dependent on the generation of ROS. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H656-64	5.2	87
54	Dynamics of HTLV-1 leukemogenesis: data acquisition for computer modeling. <i>In Vivo</i> , 2002 , 16, 87-92	2.3	3
53	A computational analysis of Canale-Smith syndrome: chronic lymphadenopathy simulating malignant lymphoma. <i>Anticancer Research</i> , 2002 , 22, 2365-71	2.3	8
52	A metabolic role for mitochondria in palmitate-induced cardiac myocyte apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H2124-32	5.2	156
51	Cytokines increase neonatal cardiac myocyte calcium concentrations: the involvement of nitric oxide and cyclic nucleotides. <i>Journal of Interferon and Cytokine Research</i> , 1999 , 19, 645-53	3.5	17
50	The liver isoform of carnitine palmitoyltransferase I is activated in neonatal rat cardiac myocytes by hypoxia. <i>Molecular and Cellular Biochemistry</i> , 1998 , 180, 163-170	4.2	8
49	Modes of myocardial cell injury and cell death in ischemic heart disease. <i>Circulation</i> , 1998 , 98, 1355-7	16.7	150
48	Physical, contractile and calcium handling properties of neonatal cardiac myocytes cultured on different matrices. <i>Cell Adhesion and Communication</i> , 1998 , 6, 301-10		32
47	Activation of the cytochrome c gene by electrical stimulation in neonatal rat cardiac myocytes. Role of NRF-1 and c-Jun. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12593-8	5.4	34
46	Relationship of lipid alterations and impaired calcium homeostasis during myocardial ischemia. <i>Advances in Lipobiology</i> , 1997 , 2, 1-28		
45	Detection of iron-deficiency anemia in hospitalized patients by zinc protoporphyrin. <i>Clinica Chimica Acta</i> , 1996 , 244, 91-101	6.2	22
44	Improved left ventricular function after chronic left ventricular unloading. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 675-81; discussion 681-2	2.7	302
43	Change in expression of heart carnitine palmitoyltransferase I isoforms with electrical stimulation of cultured rat neonatal cardiac myocytes. <i>Journal of Biological Chemistry</i> , 1996 , 271, 12082-7	5.4	37
42	Cardiogel: a biosynthetic extracellular matrix for cardiomyocyte culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1996 , 32, 478-85	2.6	47
41	Cytoskeletal alterations in cultured cardiomyocytes following exposure to the lipid peroxidation product, 4-hydroxynonenal. <i>Cytoskeleton</i> , 1994 , 28, 119-34		37

40	Cyclic flow alterations and neointimal proliferation following experimental coronary stenosis and endothelial injury. <i>Developments in Cardiovascular Medicine</i> , 1993 , 385-393		
39	Specific Platelet Mediators and the Abrupt Progression of Coronary Artery Stenoses 1992 , 283-294		
38	Ontogeny of beta-adrenergic regulation of adenylate cyclase in intrapulmonary arteries from fetal and postnatal lambs. <i>Pediatric Research</i> , 1991 , 30, 610-5	3.2	10
37	Technetium-99m pyrophosphate and indium-111 antimyosin antibody scintigraphy appear to be comparable methods for infarct detection. <i>Journal of the American College of Cardiology</i> , 1991 , 17, 527-9 ^{15.1}	15.1	1
36	Method of removal of aortic endothelium affects arachidonic acid metabolism and vascular reactivity. <i>European Journal of Pharmacology</i> , 1991 , 193, 293-300	5.3	9
35	Relationship of Ischemic Heart Disease to Sudden Death. <i>Journal of Forensic Sciences</i> , 1991 , 36, 13001J	1.8	13
34	Failure of nitroglycerin and diltiazem to reduce platelet-mediated vasoconstriction in dogs with coronary artery stenosis and endothelial injury: further evidence for thromboxane A2 and serotonin as mediators of coronary artery vasoconstriction in vivo. <i>Journal of the American College of Cardiology</i> , 1990 , 15, 718-26	15.1	37
33	Differential enhancement of postischemic segmental systolic thickening by diltiazem. <i>Journal of the American College of Cardiology</i> , 1990 , 15, 737-47	15.1	49
32	Anoxic hepatocyte injury: role of reversible changes in elemental content and distribution. <i>Hepatology</i> , 1989 , 9, 219-28	11.2	27
31	Assessment of myocardial systolic wall thickening using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 1989 , 14, 653-9	15.1	54
30	Basic Pathological Processes of the Heart. <i>Developments in Cardiovascular Medicine</i> , 1989 , 43-57		1
29	Pneumococcal aortitis with rupture of the aorta. Report of a case and review of the literature. <i>American Journal of Clinical Pathology</i> , 1988 , 89, 565-8	1.9	42
28	The role of coronary artery lesions in ischemic heart disease: insights from recent clinicopathologic, coronary arteriographic, and experimental studies. <i>Human Pathology</i> , 1987 , 18, 451-61	3.7	65
27	Infarct size--can it be measured or modified in humans?. <i>Progress in Cardiovascular Diseases</i> , 1987 , 29, 271-89	8.5	12
26	Nuclear magnetic resonance study of high-energy phosphate stores in models of adriamycin cardiotoxicity. <i>Magnetic Resonance in Medicine</i> , 1986 , 3, 834-43	4.4	17
25	Late thrombotic obstruction of aortic porcine bioprostheses. <i>American Journal of Cardiology</i> , 1986 , 57, 355-6	3	11
24	Speculation regarding mechanisms responsible for acute ischemic heart disease syndromes. <i>Journal of the American College of Cardiology</i> , 1986 , 8, 245-50	15.1	161
23	Measurement of myocardial infarction fraction using single photon emission computed tomography. <i>Journal of the American College of Cardiology</i> , 1985 , 6, 145-51	15.1	24

22	Fluorescence microscopic morphometry of functioning blood vessels and adrenergic nerves in myocardium. <i>The Anatomical Record</i> , 1984 , 208, 65-8		3
21	Measurement of myocardial infarct size by technetium pyrophosphate single-photon tomography. <i>American Journal of Cardiology</i> , 1984 , 54, 1231-6	3	37
20	Conversion from chronic to acute coronary artery disease: speculation regarding mechanisms. <i>American Journal of Cardiology</i> , 1984 , 54, 1349-54	3	157
19	Short- and long-term influence of beta-adrenergic antagonists after acute myocardial infarction. <i>American Journal of Cardiology</i> , 1984 , 54, 16E-20E	3	6
18	Measurement of Myocardial Infarct Size Using Nuclear Cardiology Methods. <i>Developments in Cardiovascular Medicine</i> , 1984 , 61-75		
17	Basic Pathologic Processes of the Heart. <i>Developments in Cardiovascular Medicine</i> , 1984 , 43-57		2
16	Standards for quantitative energy dispersive X-ray microanalysis of biological cryosections: validation and application to studies of myocardium. <i>Journal of Microscopy</i> , 1983 , 131, 221-34	1.9	41
15	Monooxygenase activities of human liver, lung, and kidney microsomes - a study of 42 post mortem cases. <i>Acta Pharmacologica Et Toxicologica</i> , 1982 , 50, 332-41		14
14	Severe pulmonary hypertension associated with macronodular (postnecrotic) cirrhosis and autoimmune phenomena. <i>American Journal of Medicine</i> , 1980 , 69, 513-9	2.4	23
13	Radionuclide evaluation of cardiac trauma. <i>Seminars in Nuclear Medicine</i> , 1980 , 10, 187-92	5.4	7
12	Pathophysiologic considerations and clinicopathological correlates of technetium-99m stannous pyrophosphate myocardial scintigraphy. <i>Seminars in Nuclear Medicine</i> , 1980 , 10, 54-69	5.4	49
11	Cause and course of acute myocardial infarction. <i>American Journal of Medicine</i> , 1980 , 69, 903-14	2.4	27
10	Mechanisms of Technetium-99m-Pyrophosphate Accumulation in Damaged Myocardium. <i>Developments in Cardiovascular Medicine</i> , 1980 , 60-67		
9	Late Right Ventricular Failure After Mustard Operation for Transposition of the Great Arteries. <i>Catheterization and Cardiovascular Diagnosis</i> , 1978 , 4, 175-182		7
8	Myocardial infarct imaging with technetium-99m phosphates. <i>Seminars in Nuclear Medicine</i> , 1977 , 7, 15-28	3.4	46
7	Sites and mechanisms of localization of technetium-99m phosphorus radiopharmaceuticals in acute myocardial infarcts and other tissues. <i>Journal of Clinical Investigation</i> , 1977 , 60, 724-40	15.9	171
6	Lanthanum probe studies of cellular pathophysiology induced by hypoxia in isolated cardiac muscle. <i>Journal of Clinical Investigation</i> , 1977 , 60, 1289-302	15.9	52
5	Cardiac pathologic findings in patients treated with bone marrow transplantation. <i>Human Pathology</i> , 1976 , 7, 17-45	3.7	73

4	Cardiac Morphologic Changes Produced by Ethanol 1975 , 139-185		1
3	Cardiac ultrastructural changes induced by daunorubicin therapy. <i>Cancer</i> , 1973 , 32, 771-88	6.4	183
2	Effects of a hyperosmotic perfusate on extended preservation of the heart. <i>Circulation</i> , 1971 , 43, 1124-9	16.7	3
1	Acute and chronic effects of normothermic anoxia on canine hearts. Light and electron microscopic evaluation. <i>Circulation</i> , 1971 , 43, 144-50	16.7	9