

# L Maximilian Buja

## List of Publications by Citations

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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	Mutations in smooth muscle alpha-actin (ACTA2) lead to thoracic aortic aneurysms and dissections. <i>Nature Genetics</i> , <b>2007</b> , 39, 1488-93	36.3	623
182	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> , <b>2009</b> , 84, 617-27	11	364
181	Myocardial ischemia and reperfusion injury. <i>Cardiovascular Pathology</i> , <b>2005</b> , 14, 170-5	3.8	335
180	Improved left ventricular function after chronic left ventricular unloading. <i>Annals of Thoracic Surgery</i> , <b>1996</b> , 62, 675-81; discussion 681-2	2.7	302
179	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> , <b>2020</b> , 48, 107233	3.8	242
178	Fibrosis and heart failure. <i>Heart Failure Reviews</i> , <b>2014</b> , 19, 173-85	5	222
177	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 2453-62	5.6	210
176	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> , <b>2008</b> , 44, 486-95	5.8	191
175	Cardiac ultrastructural changes induced by daunorubicin therapy. <i>Cancer</i> , <b>1973</b> , 32, 771-88	6.4	183
174	De novo ACTA2 mutation causes a novel syndrome of multisystemic smooth muscle dysfunction. <i>American Journal of Medical Genetics, Part A</i> , <b>2010</b> , 152A, 2437-43	2.5	174
173	Sites and mechanisms of localization of technetium-99m phosphorus radiopharmaceuticals in acute myocardial infarcts and other tissues. <i>Journal of Clinical Investigation</i> , <b>1977</b> , 60, 724-40	15.9	171
172	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> , <b>2015</b> , 24, 267-78	3.8	166
171	Speculation regarding mechanisms responsible for acute ischemic heart disease syndromes. <i>Journal of the American College of Cardiology</i> , <b>1986</b> , 8, 245-50	15.1	161
170	Conversion from chronic to acute coronary artery disease: speculation regarding mechanisms. <i>American Journal of Cardiology</i> , <b>1984</b> , 54, 1349-54	3	157
169	A metabolic role for mitochondria in palmitate-induced cardiac myocyte apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 279, H2124-32	5.2	156
168	Modes of myocardial cell injury and cell death in ischemic heart disease. <i>Circulation</i> , <b>1998</b> , 98, 1355-7	16.7	150
167	Oncosis: an important non-apoptotic mode of cell death. <i>Experimental and Molecular Pathology</i> , <b>2012</b> , 93, 302-8	4.4	134

166	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> , <b>2016</b> , 25, 247-257	3.8	128
165	Cardiomyocyte death and renewal in the normal and diseased heart. <i>Cardiovascular Pathology</i> , <b>2008</b> , 17, 349-74	3.8	118
164	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> , <b>2008</b> , 44, 411-8	5.8	106
163	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> , <b>2008</b> , 136, 922-9, 929.e1	1.5	92
162	Palmitate-induced apoptosis in neonatal cardiomyocytes is not dependent on the generation of ROS. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 282, H656-64	5.2	87
161	Cardiac pathologic findings in patients treated with bone marrow transplantation. <i>Human Pathology</i> , <b>1976</b> , 7, 17-45	3.7	73
160	The role of coronary artery lesions in ischemic heart disease: insights from recent clinicopathologic, coronary arteriographic, and experimental studies. <i>Human Pathology</i> , <b>1987</b> , 18, 451-61	3.7	65
159	Macrophages and intravascular OCT bright spots: a quantitative study. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 63-72	8.4	64
158	Unresolved issues in myocardial reperfusion injury. <i>Cardiovascular Pathology</i> , <b>2010</b> , 19, 29-35	3.8	58
157	Assessment of myocardial systolic wall thickening using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , <b>1989</b> , 14, 653-9	15.1	54
156	Lanthanum probe studies of cellular pathophysiology induced by hypoxia in isolated cardiac muscle. <i>Journal of Clinical Investigation</i> , <b>1977</b> , 60, 1289-302	15.9	52
155	Differential enhancement of postischemic segmental systolic thickening by diltiazem. <i>Journal of the American College of Cardiology</i> , <b>1990</b> , 15, 737-47	15.1	49
154	Pathophysiologic considerations and clinicopathological correlates of technetium-99m stannous pyrophosphate myocardial scintigraphy. <i>Seminars in Nuclear Medicine</i> , <b>1980</b> , 10, 54-69	5.4	49
153	Medical education today: all that glitters is not gold. <i>BMC Medical Education</i> , <b>2019</b> , 19, 110	3.3	48
152	Cardiogel: a biosynthetic extracellular matrix for cardiomyocyte culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>1996</b> , 32, 478-85	2.6	47
151	Myocardial infarct imaging with technetium-99m phosphates. <i>Seminars in Nuclear Medicine</i> , <b>1977</b> , 7, 15-23	3.4	46
150	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> , <b>2014</b> , 138, 833-6	5	45
149	Pneumococcal aortitis with rupture of the aorta. Report of a case and review of the literature. <i>American Journal of Clinical Pathology</i> , <b>1988</b> , 89, 565-8	1.9	42

148	Standards for quantitative energy dispersive X-ray microanalysis of biological cryosections: validation and application to studies of myocardium. <i>Journal of Microscopy</i> , <b>1983</b> , 131, 221-34	1.9	41
147	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> , <b>2010</b> , 56, 1693-700	15.1	40
146	Histopathologic correlates of myocardial improvement in patients supported by a left ventricular assist device. <i>Cardiovascular Pathology</i> , <b>2011</b> , 20, 139-45	3.8	39
145	Histopathological study of healing after allogenic mesenchymal stem cell delivery in myocardial infarction in dogs. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2009</b> , 57, 167-76	3.4	39
144	Pathobiology of Ischemic Heart Disease: Past, Present and Future. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 214-220	3.8	38
143	Change in expression of heart carnitine palmitoyltransferase I isoforms with electrical stimulation of cultured rat neonatal cardiac myocytes. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 12082-7	5.4	37
142	Cytoskeletal alterations in cultured cardiomyocytes following exposure to the lipid peroxidation product, 4-hydroxynonenal. <i>Cytoskeleton</i> , <b>1994</b> , 28, 119-34		37
141	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> , <b>1990</b> , 15, 718-24	15.1	37
140	Measurement of myocardial infarct size by technetium pyrophosphate single-photon tomography. <i>American Journal of Cardiology</i> , <b>1984</b> , 54, 1231-6	3	37
139	The impact of declining clinical autopsies: need for revised healthcare policy. <i>American Journal of the Medical Sciences</i> , <b>2009</b> , 337, 41-6	2.2	35
138	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> , <b>1998</b> , 273, 12593-8	5.4	34
137	Physical, contractile and calcium handling properties of neonatal cardiac myocytes cultured on different matrices. <i>Cell Adhesion and Communication</i> , <b>1998</b> , 6, 301-10		32
136	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> , <b>2013</b> , 32, 1096-100	5.8	31
135	Diagnosis of Thin-Capped Fibroatheromas in Intravascular Optical Coherence Tomography Images: Effects of Light Scattering. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	28
134	Localization of antimicrobial peptides in normal and burned skin. <i>Burns</i> , <b>2006</b> , 32, 402-7	2.3	28
133	Anoxic hepatocyte injury: role of reversible changes in elemental content and distribution. <i>Hepatology</i> , <b>1989</b> , 9, 219-28	11.2	27
132	Cause and course of acute myocardial infarction. <i>American Journal of Medicine</i> , <b>1980</b> , 69, 903-14	2.4	27
131	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> , <b>2002</b> , 268, 38-46		26

130	The pathobiology of acute coronary syndromes: clinical implications and central role of the mitochondria. <i>Texas Heart Institute Journal</i> , <b>2013</b> , 40, 221-8	0.8	25
129	The defining pathology of the new clinical and histopathologic entity ACTA2-related cerebrovascular disease. <i>Acta Neuropathologica Communications</i> , <b>2015</b> , 3, 81	7.3	24
128	Acute aortic dissections with pregnancy in women with ACTA2 mutations. <i>American Journal of Medical Genetics, Part A</i> , <b>2014</b> , 164A, 106-12	2.5	24
127	A pilot study of a triple antimicrobial-bonded Dacron graft for the prevention of aortic graft infection. <i>Journal of Vascular Surgery</i> , <b>2012</b> , 56, 794-801	3.5	24
126	Chronic aortic dissection not a risk factor for neurologic deficit in thoracoabdominal aortic aneurysm repair. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2002</b> , 23, 244-50	2.3	24
125	Measurement of myocardial infarction fraction using single photon emission computed tomography. <i>Journal of the American College of Cardiology</i> , <b>1985</b> , 6, 145-51	15.1	24
124	Biatrial myxoma: a case report and review of the literature. <i>Journal of Cardiac Surgery</i> , <b>2008</b> , 23, 385-90	1.3	23
123	Severe pulmonary hypertension associated with macronodular (postnecrotic) cirrhosis and autoimmune phenomena. <i>American Journal of Medicine</i> , <b>1980</b> , 69, 513-9	2.4	23
122	Granulomatous myocarditis in severe heart failure patients undergoing implantation of a left ventricular assist device. <i>Cardiovascular Pathology</i> , <b>2014</b> , 23, 17-20	3.8	22
121	Detection of iron-deficiency anemia in hospitalized patients by zinc protoporphyrin. <i>Clinica Chimica Acta</i> , <b>1996</b> , 244, 91-101	6.2	22
120	The Importance of the Autopsy in Medicine: Perspectives of Pathology Colleagues. <i>Academic Pathology</i> , <b>2019</b> , 6, 2374289519834041	1.3	21
119	The response of neonatal rat ventricular myocytes to lipopolysaccharide-induced stress. <i>Shock</i> , <b>2006</b> , 25, 546-52	3.4	20
118	Simultaneous morphological and biochemical endogenous optical imaging of atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 910-8	4.1	19
117	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> , <b>2011</b> , 57, 1323-6	15.1	19
116	A model for cardiomyocyte cell death: insights into mechanisms of oncosis. <i>Experimental and Molecular Pathology</i> , <b>2013</b> , 94, 289-300	4.4	18
115	Sodium/hydrogen-exchanger inhibition during cardioplegic arrest and cardiopulmonary bypass: an experimental study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 123, 959-66	1.5	18
114	Pathological assessment of end-stage heart failure in explanted hearts in correlation with hemodynamics in patients undergoing orthotopic heart transplantation. <i>Cardiovascular Pathology</i> , <b>2015</b> , 24, 283-9	3.8	17
113	Aurintricarboxylic acid inhibits protein synthesis independent, sanguinarine-induced apoptosis and oncosis. <i>Toxicologic Pathology</i> , <b>2007</b> , 35, 300-9	2.1	17

112	Cytokines increase neonatal cardiac myocyte calcium concentrations: the involvement of nitric oxide and cyclic nucleotides. <i>Journal of Interferon and Cytokine Research</i> , <b>1999</b> , 19, 645-53	3.5	17
111	Nuclear magnetic resonance study of high-energy phosphate stores in models of adriamycin cardiotoxicity. <i>Magnetic Resonance in Medicine</i> , <b>1986</b> , 3, 834-43	4.4	17
110	Anatomopathological changes of the cardiac conduction system in sudden cardiac death, particularly in infants: advances over the last 25 years. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 489-499	3.8	17
109	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> , <b>2020</b> , 2020, 5126717	1.9	16
108	Pathobiology of cardiovascular diseases: an update. <i>Cardiovascular Pathology</i> , <b>2019</b> , 42, 44-53	3.8	15
107	Primary lymphoma of the aorta presenting as a descending thoracic aortic aneurysm. <i>Annals of Thoracic Surgery</i> , <b>2005</b> , 80, 1502-4	2.7	15
106	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> , <b>2005</b> , 20, 332-6	1.3	15
105	Left ventricular noncompaction cardiomyopathy in end-stage heart failure patients undergoing orthotopic heart transplantation. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 293-299	3.8	15
104	Cardiac repair and the putative role of stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 128, 96-104	5.8	14
103	Nikolai N. Anitschkow and the lipid hypothesis of atherosclerosis. <i>Cardiovascular Pathology</i> , <b>2014</b> , 23, 183-4	3.8	14
102	Monooxygenase activities of human liver, lung, and kidney microsomes - a study of 42 post mortem cases. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1982</b> , 50, 332-41		14
101	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> , <b>2008</b> , 27, 710-7	5.8	14
100	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> , <b>2005</b> , 24, 609-13	5.8	13
99	Transverse aortic arch replacement associated with MAGIC syndrome: case report and literature review. <i>Annals of Vascular Surgery</i> , <b>2006</b> , 20, 395-8	1.7	13
98	Relationship of Ischemic Heart Disease to Sudden Death. <i>Journal of Forensic Sciences</i> , <b>1991</b> , 36, 13001J	1.8	13
97	Update on congenital heart disease and sudden infant/perinatal death: from history to future trends. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 555-562	3.9	12
96	Aortic intimal sarcoma: report of two cases with immunohistochemical analysis for pathogenesis. <i>Cardiovascular Pathology</i> , <b>2013</b> , 22, 351-6	3.8	12
95	AECVP and SCVP 2009 recommendations for training in cardiovascular pathology. <i>Cardiovascular Pathology</i> , <b>2010</b> , 19, 129-35	3.8	12

94	Infarct size--can it be measured or modified in humans?. <i>Progress in Cardiovascular Diseases</i> , <b>1987</b> , 29, 271-89	8.5	12
93	Clinicopathological complexity in the application of the universal definition of myocardial infarction. <i>Cardiovascular Pathology</i> , <b>2020</b> , 44, 107153	3.8	12
92	An Obesity Paradox: Increased Body Mass Index Is Associated with Decreased Aortic Atherosclerosis. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 55	4.7	11
91	Mitochondria in Ischemic Heart Disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 982, 127-140	3.0	11
90	Late thrombotic obstruction of aortic porcine bioprostheses. <i>American Journal of Cardiology</i> , <b>1986</b> , 57, 355-6	3	11
89	Prevention of perioperative vascular prosthetic infection with a novel triple antimicrobial-bonded arterial graft. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 64, 1805-1814	3.5	10
88	Xenotransplantation of human unrestricted somatic stem cells in a pig model of acute myocardial infarction. <i>Xenotransplantation</i> , <b>2013</b> , 20, 110-22	2.8	10
87	Floating, non-occlusive, mobile aortic thrombus and splenic infarction associated with protein C deficiency. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 1419.e1-3	5.8	10
86	Ontogeny of beta-adrenergic regulation of adenylate cyclase in intrapulmonary arteries from fetal and postnatal lambs. <i>Pediatric Research</i> , <b>1991</b> , 30, 610-5	3.2	10
85	Anthracycline treatment and ventricular remodeling in left ventricular assist device patients. <i>Texas Heart Institute Journal</i> , <b>2015</b> , 42, 124-30	0.8	9
84	Current status of the role of stem cells in myocardial biology and repair. <i>Cardiovascular Pathology</i> , <b>2011</b> , 20, 297-301	3.8	9
83	Method of removal of aortic endothelium affects arachidonic acid metabolism and vascular reactivity. <i>European Journal of Pharmacology</i> , <b>1991</b> , 193, 293-300	5.3	9
82	Acute and chronic effects of normothermic anoxia on canine hearts. Light and electron microscopic evaluation. <i>Circulation</i> , <b>1971</b> , 43, 144-50	16.7	9
81	Immune checkpoint inhibitor myocarditis: elucidating the spectrum of disease through endomyocardial biopsy. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 1725-1735	12.3	9
80	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> , <b>2009</b> , 119, 2539-41	16.7	8
79	The liver isoform of carnitine palmitoyltransferase I is activated in neonatal rat cardiac myocytes by hypoxia. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 180, 163-170	4.2	8
78	A computational analysis of Canale-Smith syndrome: chronic lymphadenopathy simulating malignant lymphoma. <i>Anticancer Research</i> , <b>2002</b> , 22, 2365-71	2.3	8
77	Method for sectioning and sampling hearts for histologic evaluation after delivery of biological agents by transendocardial injection. <i>Cardiovascular Pathology</i> , <b>2015</b> , 24, 304-9	3.8	7

76	Mathematical model to simulate the cellular dynamics of infection with human herpesvirus-6 in EBV-negative infectious mononucleosis. <i>Journal of Medical Virology</i> , <b>2003</b> , 71, 569-77	19.7	7
75	Images in cardiovascular medicine. Eosinophilic pericarditis and myocarditis. <i>Circulation</i> , <b>2002</b> , 105, 3066-7	16.7	7
74	Radionuclide evaluation of cardiac trauma. <i>Seminars in Nuclear Medicine</i> , <b>1980</b> , 10, 187-92	5.4	7
73	Late Right Ventricular Failure After Mustard Operation for Transposition of the Great Arteries. <i>Catheterization and Cardiovascular Diagnosis</i> , <b>1978</b> , 4, 175-182		7
72	Short- and long-term influence of beta-adrenergic antagonists after acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>1984</b> , 54, 16E-20E	3	6
71	Clinicopathological manifestations of myocarditis in a heart failure population. <i>Cardiovascular Pathology</i> , <b>2020</b> , 45, 107190	3.8	6
70	Deadly combination of Vaping-Induced lung injury and Influenza: case report. <i>Diagnostic Pathology</i> , <b>2020</b> , 15, 83	3	6
69	The cell theory and cellular pathology: Discovery, refinements and applications fundamental to advances in biology and medicine. <i>Experimental and Molecular Pathology</i> , <b>2021</b> , 121, 104660	4.4	6
68	TCM-1: a nonlinear dynamical computational model to simulate cellular changes in the T cell system; conceptual design and validation. <i>Anticancer Research</i> , <b>2003</b> , 23, 123-35	2.3	6
67	Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia. <i>Pediatric Pulmonology</i> , <b>2020</b> , 55, 2402-2411	3.5	5
66	Prevention of heart failure with preserved ejection fraction (HFpEF): reexamining microRNA-21 inhibition in the era of oligonucleotide-based therapeutics. <i>Cardiovascular Pathology</i> , <b>2020</b> , 49, 107243	3.8	5
65	Innovators in atherosclerosis research: A historical review. <i>International Journal of Cardiology</i> , <b>2020</b> , 307, 8-14	3.2	5
64	Sudden death in a 15-year-old with diffuse cardiac rhabdomyomatosis: an autopsy case report. <i>Cardiovascular Pathology</i> , <b>2014</b> , 23, 351-3	3.8	5
63	Assessment of atherosclerotic luminal narrowing of coronary arteries based on morphometrically generated visual guides. <i>Cardiovascular Pathology</i> , <b>2017</b> , 29, 53-60	3.8	5
62	Fluorescence imaging microscopy of cellular markers in ischemic vs non-ischemic cardiomyopathy after left ventricular unloading. <i>Journal of Heart and Lung Transplantation</i> , <b>2005</b> , 24, 454-61	5.8	5
61	Primary Cardiac Sarcoidosis with Syncope and Refractory Atrial Arrhythmia: A Case Report and Review of the Literature. <i>Texas Heart Institute Journal</i> , <b>2016</b> , 43, 236-40	0.8	5
60	Nuclear localization of HBD-1 in human keratinocytes. <i>Journal of Burns and Wounds</i> , <b>2007</b> , 7, e3		5
59	Cardiac sarcoidosis presenting as arrhythmogenic right ventricular cardiomyopathy/dysplasia with ventricular aneurysms: a case report. <i>Cardiovascular Pathology</i> , <b>2018</b> , 33, 1-5	3.8	5



58	Treatment of Multiple Myeloma in a Heart Transplant Recipient. <i>Progress in Transplantation</i> , <b>2017</b> , 27, 65-68	1.1	4
57	Heart failure in remission for more than 13 years after removal of a left ventricular assist device. <i>Texas Heart Institute Journal</i> , <b>2014</b> , 41, 389-94	0.8	4
56	Coronary Artery Disease: Pathologic Anatomy and Pathogenesis <b>2007</b> , 593-610		4
55	Stem cells and cardiovascular tissue repair: Mechanism, methods, and clinical applications. <i>Journal of Cardiothoracic-Renal Research</i> , <b>2006</b> , 1, 3-14		4
54	Effect of a simple versus a complex matrix on the polarity of cardiomyocytes in culture. <i>Journal of Burns and Wounds</i> , <b>2006</b> , 5, e3		4
53	A simple model to simulate cellular changes in the T cell system following HIV-1 infection. <i>Anticancer Research</i> , <b>2004</b> , 24, 1689-98	2.3	4
52	Procainamide-induced pulmonary fibrosis after orthotopic heart transplantation: a case report and literature review. <i>Cardiovascular Pathology</i> , <b>2015</b> , 24, 250-3	3.8	3
51	Life After Being a Pathology Department Chair III: Reflections on the "Afterlife". <i>Academic Pathology</i> , <b>2019</b> , 6, 2374289519846068	1.3	3
50	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> , <b>2013</b> , 18, 1-6	4.4	3
49	Fluorescence microscopic morphometry of functioning blood vessels and adrenergic nerves in myocardium. <i>The Anatomical Record</i> , <b>1984</b> , 208, 65-8		3
48	Effects of a hyperosmotic perfusate on extended preservation of the heart. <i>Circulation</i> , <b>1971</b> , 43, 1124-9	16.7	3
47	Label-Free Visualization and Quantification of Biochemical Markers of Atherosclerotic Plaque Progression Using Intravascular Fluorescence Lifetime. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1832-1842	8.4	3
46	Dynamics of HTLV-1 leukemogenesis: data acquisition for computer modeling. <i>In Vivo</i> , <b>2002</b> , 16, 87-92	2.3	3
45	Eosinophilic endomyocardial disease. <i>Cardiovascular Pathology</i> , <b>2017</b> , 27, 54-56	3.8	2
44	Variability in fibrosis in tissue samples obtained during diaphragmatic and apical LVAD implantation. <i>Cardiovascular Pathology</i> , <b>2014</b> , 23, 121-5	3.8	2
43	Body temperature circadian rhythm variability corresponds to left ventricular systolic dysfunction in decompensated cardiomyopathic hamsters. <i>Journal of Cardiac Failure</i> , <b>2011</b> , 17, 937-43	3.3	2
42	Victor J. Ferrans, MD, PhD. <i>Circulation</i> , <b>2002</b> , 105, 544-545	16.7	2
41	Valvular Heart Disease: Anatomic Abnormalities <b>2007</b> , 369-379		2

40	Basic Pathologic Processes of the Heart. <i>Developments in Cardiovascular Medicine</i> , <b>1984</b> , 43-57		2
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