Nianguo Dong

List of Publications by Year
in descending order

150 papers	3,415 citations	186265 28 h-index	189892 50 g-index
157 all docs	157 docs citations	157 times ranked	5188 citing authors

#	Article	IF	Citations
1	LncRNA TUG1 sponges miR-204-5p to promote osteoblast differentiation through upregulating Runx2 in aortic valve calcification. Cardiovascular Research, 2018, 114, 168-179.	3.8	194
2	A retrospective cohort study of methylprednisolone therapy in severe patients with COVID-19 pneumonia. Signal Transduction and Targeted Therapy, 2020, 5, 57.	17.1	169
3	First cases of COVID-19 in heart transplantation from China. Journal of Heart and Lung Transplantation, 2020, 39, 496-497.	0.6	163
4	Circulating myocardial microRNAs from infarcted hearts are carried in exosomes and mobilise bone marrow progenitor cells. Nature Communications, 2019, 10, 959.	12.8	147
5	LncRNA MALAT1 sponges miR-204 to promote osteoblast differentiation of human aortic valve interstitial cells through up-regulating Smad4. International Journal of Cardiology, 2017, 243, 404-412.	1.7	138
6	Localized injection of miRNA-21-enriched extracellular vesicles effectively restores cardiac function after myocardial infarction. Theranostics, 2019, 9, 2346-2360.	10.0	134
7	BMAL1-Downregulation Aggravates Porphyromonas Gingivalis -Induced Atherosclerosis by Encouraging Oxidative Stress. Circulation Research, 2020, 126, e15-e29.	4.5	111
8	miR-217 Promotes Cardiac Hypertrophy and Dysfunction by Targeting PTEN. Molecular Therapy - Nucleic Acids, 2018, 12, 254-266.	5.1	101
9	Cell-Type Transcriptome Atlas of Human Aortic Valves Reveal Cell Heterogeneity and Endothelial to Mesenchymal Transition Involved in Calcific Aortic Valve Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2910-2921.	2.4	93
10	The shift of macrophages toward M1 phenotype promotes aortic valvular calcification. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1318-1327.e1.	0.8	91
11	End-point immobilization of heparin on plasma-treated surface of electrospun polycarbonate-urethane vascular graft. Acta Biomaterialia, 2017, 51, 138-147.	8.3	79
12	Long noncoding RNA Meg3 regulates cardiomyocyte apoptosis in myocardial infarction. Gene Therapy, 2018, 25, 511-523.	4.5	72
13	Endoplasmic Reticulum Stress Participates in Aortic Valve Calcification in Hypercholesterolemic Animals. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2345-2354.	2.4	65
14	Cardiac protective effects of remote ischaemic preconditioning in children undergoing tetralogy of fallot repair surgery: a randomized controlled trial. European Heart Journal, 2018, 39, 1028-1037.	2.2	57
15	Pioglitazone attenuates progression of aortic valve calcification via down-regulating receptor for advanced glycation end products. Basic Research in Cardiology, 2012, 107, 306.	5.9	51
16	Fabrication of a Novel Hybrid Heart Valve Leaflet for Tissue Engineering: An In Vitro Study. Artificial Organs, 2009, 33, 554-558.	1.9	49
17	Psoralen Protects Chondrocytes, Exhibits Anti-Inflammatory Effects on Synoviocytes, and Attenuates Monosodium Iodoacetate-Induced Osteoarthritis. International Journal of Biological Sciences, 2019, 15, 229-238.	6.4	38
18	Melatonin ameliorates aortic valve calcification via the regulation of circular RNA CircRIC3/miRâ€204â€5p/DPP4 signaling in valvular interstitial cells. Journal of Pineal Research, 2020, 69, e12666.	7.4	38

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19	Curcumin inhibits calcification of human aortic valve interstitial cells by interfering NFâ€ÎºB, AKT, and ERK pathways. Phytotherapy Research, 2020, 34, 2074-2081.	5.8	38
20	Anthraquinone Emodin Inhibits Tumor Necrosis Factor Alpha-Induced Calcification of Human Aortic Valve Interstitial Cells via the NF-ÎºB Pathway. Frontiers in Pharmacology, 2018, 9, 1328.	3.5	37
21	Transgenic Overexpression of IL-37 Protects Against Atherosclerosis and Strengthens Plaque Stability. Cellular Physiology and Biochemistry, 2018, 45, 1034-1050.	1.6	36
22	Modifying decellularized aortic valve scaffolds with stromal cell-derived factor-1Î± loaded proteolytically degradable hydrogel for recellularization and remodeling. Acta Biomaterialia, 2019, 88, 280-292.	8.3	36
23	Silkâ€Based Biomaterials for Cardiac Tissue Engineering. Advanced Healthcare Materials, 2020, 9, e2000735.	7.6	35
24	Caffeic Acid Phenethyl Ester Ameliorates Calcification by Inhibiting Activation of the AKT/NF-ÎºB/NLRP3 Inflammasome Pathway in Human Aortic Valve Interstitial Cells. Frontiers in Pharmacology, 2020, 11, 826.	3.5	35
25	Remodeling of a Cell-Free Vascular Graft with Nanolamellar Intima into a Neovessel. ACS Nano, 2019, 13, 10576-10586.	14.6	34
26	Synthesis and characterization of MMP degradable and maleimide cross-linked PEG hydrogels for tissue engineering scaffolds. Polymer Degradation and Stability, 2016, 133, 312-320.	5.8	33
27	CCN3 Regulates Macrophage Foam Cell Formation and Atherosclerosis. American Journal of Pathology, 2017, 187, 1230-1237.	3.8	33
28	Association between myocardial extracellular volume and strain analysis through cardiovascular magnetic resonance with histological myocardial fibrosis in patients awaiting heart transplantation. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 25.	3.3	31
29	Nobiletin exhibits potent inhibition on tumor necrosis factor alphaâ€induced calcification of human aortic valve interstitial cells via targeting ABCG2 and AKR1B1. Phytotherapy Research, 2019, 33, 1717-1725.	5.8	30
30	The effect of right ventricular myocardial remodeling on ventricular function as assessed by two-dimensional speckle tracking echocardiography in patients with tetralogy of Fallot: A single center experience from China. International Journal of Cardiology, 2015, 178, 300-307.	1.7	29
31	ADAMTS5 Deficiency in Calcified Aortic Valves Is Associated With Elevated Pro-Osteogenic Activity in Valvular Interstitial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1339-1351.	2.4	29
32	Tissue engineering of heart valves: PEGylation of decellularized porcine aortic valve as a scaffold for in vitro recellularization. BioMedical Engineering OnLine, 2013, 12, 87.	2.7	28
33	Mid- to long-term outcome comparison of the Medtronic Hancock II and bi-leaflet mechanical aortic valve replacement in patients younger than 60 years of age: a propensity-matched analysis. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 280-286.	1.1	28
34	High-mobility group box-1 protein induces osteogenic phenotype changes in aortic valve interstitial cells. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 255-262.	0.8	28
35	Nanoengineered Shear-Thinning Hydrogel Barrier for Preventing Postoperative Abdominal Adhesions. Nano-Micro Letters, 2021, 13, 212.	27.0	28
36	Surface biofunctionalization of the decellularized porcine aortic valve with VEGF-loaded nanoparticles for accelerating endothelialization. Materials Science and Engineering C, 2019, 97, 632-643.	7.3	27

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37	A riboflavinâ€“ultraviolet light A-crosslinked decellularized heart valve for improved biomechanical properties, stability, and biocompatibility. Biomaterials Science, 2020, 8, 2549-2563.	5.4	25
38	RAGE deficiency alleviates aortic valve calcification in ApoE â^'/â^' mice via the inhibition of endoplasmic reticulum stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 781-792.	3.8	24
39	The natural compound andrographolide inhibits human aortic valve interstitial cell calcification via the NF-kappa B/Akt/ERK pathway. Biomedicine and Pharmacotherapy, 2020, 125, 109985.	5.6	24
40	DUSP26 induces aortic valve calcification by antagonizing MDM2-mediated ubiquitination of DPP4 in human valvular interstitial cells. European Heart Journal, 2021, 42, 2935-2951.	2.2	24
41	Klotho suppresses high phosphate-induced osteogenic responses in human aortic valve interstitial cells through inhibition of Sox9. Journal of Molecular Medicine, 2017, 95, 739-751.	3.9	23
42	E2F1 Suppresses Oxidative Metabolism and Endothelial Differentiation of Bone Marrow Progenitor Cells. Circulation Research, 2018, 122, 701-711.	4.5	23
43	Hydrolytically degradable POSS-PEG hybrid hydrogels prepared in aqueous phase with tunable mechanical properties, swelling ratio and degradation rate. Reactive and Functional Polymers, 2018, 123, 91-96.	4.1	23
44	Synthesis of thiol-terminated PEG-functionalized POSS cross-linkers and fabrication of high-strength and hydrolytic degradable hybrid hydrogels in aqueous phase. European Polymer Journal, 2019, 116, 74-83.	5.4	23
45	Endothelial cell-derived tetrahydrobiopterin prevents aortic valve calcification. European Heart Journal, 2022, 43, 1652-1664.	2.2	23
46	Oxidized Low-Density Lipoprotein Promotes Osteoblastic Differentiation of Valvular Interstitial Cells through RAGE/MAPK. Cardiology, 2015, 130, 55-61.	1.4	22
47	Application of decellularized scaffold combined with loaded nanoparticles for heart valve tissue engineering in vitro. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 88-93.	1.0	21
48	Prevalence and correlates of valvular heart diseases in the elderly population in Hubei, China. Scientific Reports, 2016, 6, 27253.	3.3	21
49	Comparison of Rapidly Proliferating, Multipotent Aortic Valve-Derived Stromal Cells and Valve Interstitial Cells in the Human Aortic Valve. Stem Cells International, 2019, 2019, 1-10.	2.5	21
50	Emodin as a selective proliferative inhibitor of vascular smooth muscle cells versus endothelial cells suppress arterial intima formation. Life Sciences, 2018, 207, 9-14.	4.3	20
51	Effects of the proportion of two different cross-linkers on the material and biological properties of enzymatically degradable PEG hydrogels. Polymer Degradation and Stability, 2020, 172, 109067.	5.8	20
52	Untangling the co-effects of oriented nanotopography and sustained anticoagulation in a biomimetic intima on neovessel remodeling. Biomaterials, 2020, 231, 119654.	11.4	20
53	Factors influencing osteogenic differentiation of human aortic valve interstitial cells. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, e163-e185.	0.8	19
54	Diagnostic Value of Transthoracic Echocardiography in Patients with Coarctation of Aorta: The Chinese Experience in 53 Patients Studied between 2008 and 2012 in One Major Medical Center. PLoS ONE, 2015, 10, e0127399.	2.5	19

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55	Role of DNA methylation in perinatal nicotine-induced development of heart ischemia-sensitive phenotype in rat offspring. Oncotarget, 2017, 8, 76865-76880.	1.8	19
56	Aortic valve replacement for severe aortic regurgitation in asymptomatic patients with normal ejection fraction and severe left ventricular dilatation. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 425-430.	1.1	18
57	Biodegradable Inorganicâ€“Organic POSSâ€“PEG Hybrid Hydrogels as Scaffolds for Tissue Engineering. Macromolecular Materials and Engineering, 2017, 302, 1700142.	3.6	18
58	Synergistic promoting effects of bone morphogenetic protein 12/connective tissue growth factor on functional differentiation of tendon derived stem cells and patellar tendon window defect regeneration. Journal of Biomechanics, 2018, 66, 95-102.	2.1	18
59	Clinical outcomes of transcatheter versus surgical pulmonary valve replacement: a meta-analysis. Journal of Thoracic Disease, 2019, 11, 5343-5351.	1.4	18
60	Assessment of Myocardial Fibrosis Using Two-Dimensional and Three-Dimensional Speckle Tracking Echocardiography in Dilated Cardiomyopathy With Advanced Heart Failure. Journal of Cardiac Failure, 2021, 27, 651-661.	1.7	18
61	Generation and characterization of cardiac valve endothelial-like cells from human pluripotent stem cells. Communications Biology, 2021, 4, 1039.	4.4	18
62	Andrographolide ameliorates aortic valve calcification by regulation of lipid biosynthesis and glycerolipid metabolism targeting MGLL expression in vitro and in vivo. Cell Calcium, 2021, 100, 102495.	2.4	18
63	Early surgery versus conventional treatment for asymptomatic severe aortic regurgitation with normal ejection fraction and left ventricular dilatation. European Journal of Cardio-thoracic Surgery, 2017, 52, 118-124.	1.4	16
64	Mitral valve repair versus replacement in elderly patients: a systematic review and meta-analysis. Journal of Thoracic Disease, 2017, 9, 3045-3051.	1.4	16
65	Cellular remodeling of fibrotic conduit as vascular graft. Biomaterials, 2021, 268, 120565.	11.4	16
66	Nucleophosmin contributes to vascular inflammation and endothelial dysfunction in atherosclerosis progression. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, e377-e393.	0.8	16
67	3-Dimensional Versus 2-Dimensional STE for Right Ventricular Myocardial Fibrosis in Patients With End-Stage HeartÂFailure. JACC: Cardiovascular Imaging, 2021, 14, 1309-1320.	5.3	16
68	Prediction of 1-year mortality after heart transplantation using machine learning approaches: A single-center study from China. International Journal of Cardiology, 2021, 339, 21-27.	1.7	16
69	Nanostructured Non-Newtonian Drug Delivery Barrier Prevents Postoperative Intrapericardial Adhesions. ACS Applied Materials & Interfaces, 2021, 13, 29231-29246.	8.0	15
70	Lazaroid U-74389G inhibits the osteoblastic differentiation of IL-1Î²-indcued aortic valve interstitial cells through glucocorticoid receptor and inhibition of NF-Î°B pathway. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 114-123.	2.5	14
71	Promotion of adhesion and proliferation of endothelial progenitor cells on decellularized valves by covalent incorporation of RGD peptide and VEGF. Journal of Materials Science: Materials in Medicine, 2016, 27, 142.	3.6	14
72	Plant-Derived Products for Treatment of Vascular Intima Hyperplasia Selectively Inhibit Vascular Smooth Muscle Cell Functions. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-17.	1.2	14

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73	Bioengineered three-dimensional scaffolds to elucidate the effects of material biodegradability on cell behavior using POSS-PEG hybrid hydrogels. Polymer Degradation and Stability, 2019, 164, 118-126.	5.8	14
74	IL-21 promotes osteoblastic differentiation of human valvular interstitial cells through the JAK3/STAT3 pathway. International Journal of Medical Sciences, 2020, 17, 3065-3072.	2.5	14
75	Promoting endothelialization on decellularized porcine aortic valve by immobilizing branched polyethylene glycolmodified with cyclic-RGD peptide: an in vitro study. Biomedical Materials (Bristol), 2015, 10, 065014.	3.3	13
76	Extended donor criteria in heart transplantation: a retrospective study from a single Chinese institution. Journal of Thoracic Disease, 2018, 10, 2153-2165.	1.4	13
77	Metformin ameliorates TGF-Î²1â€“induced osteoblastic differentiation of human aortic valve interstitial cells by inhibiting Î²-catenin signaling. Biochemical and Biophysical Research Communications, 2018, 500, 710-716.	2.1	12
78	Inhibition of PP2A enhances the osteogenic differentiation of human aortic valvular interstitial cells via ERK and p38 MAPK pathways. Life Sciences, 2020, 257, 118086.	4.3	12
79	Bioprosthetic vs mechanical mitral valve replacement for infective endocarditis in patients aged 50 to 69â€‰years. Clinical Cardiology, 2020, 43, 1093-1099.	1.8	12
80	Substrate stiffness regulates differentiation of induced pluripotent stem cells into heart valve endothelial cells. Acta Biomaterialia, 2022, 143, 115-126.	8.3	12
81	Novel mechanisms for osteogenic differentiation of human aortic valve interstitial cells. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1742-1753.e7.	0.8	11
82	Immobilization of decellularized valve scaffolds with Arg-Gly-Asp-containing peptide to promote myofibroblast adhesion. Journal of Huazhong University of Science and Technology [Medical Sciences], 2009, 29, 503-507.	1.0	10
83	Neural crestâ€derived cells migrate from nerve to participate in Achilles tendon remodeling. Wound Repair and Regeneration, 2018, 26, 54-63.	3.0	10
84	Novel role of NLRP3-inflammasome in regulation of lipogenesis in fasting-induced hepatic steatosis . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 801-811.	2.4	10
85	Limited prognostic value of myocardial viability assessment in patients with coronary artery diseases and severe left ventricular dysfunction. Journal of Thoracic Disease, 2018, 10, 2249-2255.	1.4	9
86	Profiling circulating T follicular helper cells and their effects on B cells in post-cardiac transplant recipients. Annals of Translational Medicine, 2020, 8, 1369-1369.	1.7	9
87	Early and mid-term follow-up of patients receiving arterial switch operation: a single-center experience. Journal of Thoracic Disease, 2018, 10, 732-739.	1.4	8
88	Identification of key genes and pathways contributing to artery tertiary lymphoid organ development in advanced mouse atherosclerosis. Molecular Medicine Reports, 2019, 19, 3071-3086.	2.4	8
89	Pulmonary artery growth after Modified Blalock-Taussig shunt: A single center experience. Asian Journal of Surgery, 2020, 43, 428-437.	0.4	8
90	Regeneration of a neoartery through a completely autologous acellular conduit in a minipig model: a pilot study. Journal of Translational Medicine, 2019, 17, 24.	4.4	7

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91	Clinical outcome of donor heart with prolonged cold ischemic time: A singleâ€center study. Journal of Cardiac Surgery, 2020, 35, 397-404.	0.7	7
92	Generation of individualized immunocompatible endothelial cells from HLA-I-matched human pluripotent stem cells. Stem Cell Research and Therapy, 2022, 13, 48.	5.5	7
93	Clinical study on the treatment of chronic heart failure with a novel Dâ€shant atrium shunt device. ESC Heart Failure, 2022, , .	3.1	7
94	Investigation of air plasma generated by surface microdischarge for decellularized porcine aortic valve leaflets modification. Plasma Processes and Polymers, 2020, 17, 2000100.	3.0	6
95	Assessing right ventricular function in pulmonary hypertension patients and the correlation with the New York Heart Association (NYHA) classification. Oncotarget, 2017, 8, 90421-90429.	1.8	6
96	Midkine Prevents Calcification of Aortic Valve Interstitial Cells via Intercellular Crosstalk. Frontiers in Cell and Developmental Biology, 2021, 9, 794058.	3.7	6
97	Asymmetric domino Michaelâ€“aldol reactions catalyzed by recyclable PEG supported chiral primary aminoalcohol and primaryâ€“secondary diamine catalysts in water. Catalysis Communications, 2014, 53, 72-76.	3.3	5
98	Development and trend in the field of valvular heart disease in China: an analysis based on the National Natural Science Foundation of China. Annals of Translational Medicine, 2020, 8, 449-449.	1.7	5
99	Predictors of Long-Term Outcome of Isolated Surgical Aortic Valve Replacement in Aortic Regurgitation With Reduced Left Ventricular Ejection Fraction and Extreme Left Ventricular Dilatation. American Journal of Cardiology, 2020, 125, 1385-1390.	1.6	5
100	Allosteric activation of PP2A inhibits experimental abdominal aortic aneurysm. Clinical Science, 2021, 135, 2085-2097.	4.3	5
101	Early outcomes of Stanford type A aortic dissection under the coronavirus disease 2019 (COVID-19) pandemic: a multicentre study from Hubei province. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 834-840.	1.1	5
102	Isolated Severe Right Ventricular Hypertrophic Cardiomyopathy. Annals of Thoracic Surgery, 2019, 107, e23-e25.	1.3	4
103	Coupled OPG-Fc on Decellularized Aortic Valves by EDC/NHS Attenuates Rat MSCs Calcification In Vitro. ASAIO Journal, 2019, 65, 197-204.	1.6	4
104	Assessment of biventricular function by threeâ€dimensional speckleâ€tracking echocardiography in clinically well pediatric heart transplantation patients. Echocardiography, 2020, 37, 2107-2115.	0.9	4
105	Real time threeâ€dimensional echocardiographic quantification of left atrial volume in orthotopic heart transplant recipients: Comparisons with cardiac magnetic resonance imaging. Echocardiography, 2020, 37, 1243-1250.	0.9	4
106	Predictors and outcomes of heart transplantation utilizing donors with different brain death mode: A propensity-score matching study from China. International Journal of Cardiology, 2021, 322, 58-64.	1.7	4
107	Beating-heart on-pump coronary artery bypass grafting vs. off-pump coronary artery bypass grafting: a systematic review and meta-analysis. Journal of Thoracic Disease, 2021, 13, 4185-4194.	1.4	4
108	Micromechanical force promotes aortic valvular calcification. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e313-e329.	0.8	4

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109	First experience of magnetically levitated extracorporeal left ventricular assist device for cardiogenic shock in China. ESC Heart Failure, 2022, 9, 1471-1473.	3.1	4
110	Changes in transcriptomic landscape in human end-stage heart failure with distinct etiology. IScience, 2022, 25, 103935.	4.1	4
111	Current progress on scaffolds of tissue engineering heart valves. Frontiers of Medicine in China, 2008, 2, 229-234.	0.1	3
112	Pulmonary Artery Aneurysm Compressing the Tracheobronchial Tree Following an Arterial Switch Operation. Journal of Cardiac Surgery, 2016, 31, 106-109.	0.7	3
113	Evaluation of Drug-Related Receptors in Children With Dilated Cardiomyopathy. Frontiers in Pediatrics, 2019, 7, 387.	1.9	3
114	Heart transplantation in 47 children: single-center experience from China. Annals of Translational Medicine, 2020, 8, 467-467.	1.7	3
115	Circulating follicular T helper cells and humoral reactivity in rheumatic heart disease. Life Sciences, 2020, 245, 117390.	4.3	3
116	The pathomechanism of human myxomatous valvular degeneration at the mechanical and cellular level. Reviews in Cardiovascular Medicine, 2021, 22, 513.	1.4	3
117	Prosthesis Selection for Aortic Valve Replacement With Concomitant Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2022, 113, 100-108.	1.3	3
118	A genomeâ€wide association study identifies novel association between genetic variants in GGT7 and LINC00944 and hypertension. Clinical and Translational Medicine, 2021, 11, e388.	4.0	3
119	Association Between 2D- and 3D-Speckle-Tracking Longitudinal Strain and Cardiovascular Magnetic Resonance Evidence of Diffuse Myocardial Fibrosis in Heart Transplant Recipients. Frontiers in Cardiovascular Medicine, 2021, 8, 727745.	2.4	3
120	Mechanism of CircANKRD36 regulating cell heterogeneity and endothelial mesenchymal transition in aortic valve stromal cells by regulating miR-599 and TGF-Î² signaling pathway. International Journal of Cardiology, 2022, , .	1.7	3
121	Ca2+/calmodulin-dependent protein kinase II inhibition reduces myocardial fatty acid uptake and oxidation after myocardial infarction. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159120.	2.4	3
122	The Natural Product Andrographolide Ameliorates Calcific Aortic Valve Disease by Regulating the Proliferation of Valve Interstitial Cells via the MAPK-ERK Pathway. Frontiers in Pharmacology, 2022, 13, 871748.	3.5	3
123	Immobilization of RGD peptides onto decellularized valve scaffolds to promote cell adhesion. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 686-690.	1.0	2
124	A facile synthesis of tetrasubstituted 2,3â€dihydrofuran derivatives using poly(ethylene glycol) as soluble support. Journal of Heterocyclic Chemistry, 2010, 47, 671-676.	2.6	2
125	Synthesis and applications of tetra-functional branched poly(ethylene glycol) derivative for the decellularized valve leaflets cross-linking. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 193-197.	1.0	2
126	Isolated giant muscular diverticulum on the left ventricular outflow tract. European Heart Journal, 2019, 40, 3870-3870.	2.2	2

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127	Elimination of macrophages reduces glutaraldehydeâ€fixed porcine heart valve degeneration in mice subdermal model. Pharmacology Research and Perspectives, 2021, 9, e00716.	2.4	2
128	Impaired left atrial function in clinically well heart transplant patients. International Journal of Cardiovascular Imaging, 2021, 37, 1937-1945.	1.5	2
129	Surgical repair of mitral valve bileaflet prolapse in pediatric patients. Journal of Cardiac Surgery, 2021, 36, 1858-1863.	0.7	2
130	PJ34, a PARP1 inhibitor, attenuates acute allograft rejection after murine heart transplantation via regulating the CD4 + T lymphocyte response. Transplant International, 2021, 34, 561-571.	1.6	2
131	Successful extracorporeal membrane oxygenation (ECMO) support in two pediatric heart transplant patients with extreme donor/recipient size mismatch. Journal of Thoracic Disease, 2016, 8, 1329-1332.	1.4	1
132	Numerical simulation of closure performance for neo-aortic valve for arterial switch operation. BioMedical Engineering OnLine, 2016, 15, 150.	2.7	1
133	Assessment of biatrial function in clinically well pediatric bicaval heart transplantation patients by three-dimensional echocardiography. International Journal of Cardiovascular Imaging, 2021, 37, 921-929.	1.5	1
134	Short-term outcomes of a novel modified Bentall procedure in acute type A aortic dissection. Journal of Cardiovascular Surgery, 2021, 62, 385-390.	0.6	1
135	A Modified Hypothermic Circulatory Arrest Technique Improves Early and Near-Midterm Results in Patients with Acute Type A Aortic Dissection. Heart Surgery Forum, 2021, 24, E675-E679.	0.5	1
136	Managements of 13 emergency cardiac surgeries under COVID-19 pandemic in a Sentinel Hospital. Journal of Thoracic Disease, 2020, 12, 6663-6669.	1.4	1
137	Combining Prognostic Nutritional Index and Brain Natriuretic Peptide as a Predicting Tool for Heart Transplantation. Journal of Cardiovascular Development and Disease, 2022, 9, 40.	1.6	1
138	Surgical Results of Mitral Valve Repair for Mitral Regurgitation in Pediatric Patients with Mitral Valve Prolapse. Pediatric Cardiology, 2022, 43, 1578-1586.	1.3	1
139	Donor-Recipient Weight Match in Pediatric Heart Transplantation: Liberalizing Weight Matching with Caution. Journal of Cardiovascular Development and Disease, 2022, 9, 148.	1.6	1
140	Importance of transcatheter closure test for giant ventricular septal defect associated with pulmonary hypertension: a case with successful surgical repair of the defect. Cardiology in the Young, 2018, 28, 1053-1055.	0.8	0
141	Cardiac rhabdomyomas with atrial septal defect and tricuspid insufficiency: A case report. Journal of Cardiac Surgery, 2019, 34, 1123-1126.	0.7	0
142	Orthotopic Heart Transplantation for Congenital Heart Disease with Dextrocardia: A Single-Center Clinic Experience. BioMed Research International, 2020, 2020, 1-9.	1.9	0
143	An unknown mass on the cardiac surface with huge coronary aneurysm and fistula: A case report. Journal of Cardiac Surgery, 2020, 35, 920-922.	0.7	0
144	Multimodality imaging of a hairpin-like coronary fistula between the right coronary artery and the coronary sinus. Cardiology Journal, 2021, 28, 496-497.	1.2	0

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145	Fifteen-Year Outcomes Following Valve-Sparing Aortic Root Replacement inÂElderly Patients. Heart Lung and Circulation, 2022, 31, 144-152.	0.4	0
146	A stent for branch pulmonary artery stenosis after double-lung transplantation in a patient with COVID-19: a case report. European Heart Journal - Case Reports, 2021, 5, ytab327.	0.6	0
147	Successful Surgical Treatment of a Giant Left Coronary Artery Aneurysm with Fistula. Heart Surgery Forum, 2021, 24, E868-E869.	0.5	0
148	Isolated tricuspid valve surgery after congenital versus left heart-disease surgery: mid-term outcomes. Journal of Thoracic Disease, 2020, 12, 5561-5570.	1.4	0
149	Protein Phosphatase 2A Deficiency in Macrophages Increases Foam Cell Formation and Accelerates Atherosclerotic Lesion Development. Frontiers in Cardiovascular Medicine, 2021, 8, 745009.	2.4	0
150	Associated Factors And Short-Term Mortality Of Early versus Late Acute Kidney Injury Following on-pump Cardiac Surgery. Interactive Cardiovascular and Thoracic Surgery, 2022, , .	1.1	0