Xianbao Liu

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	651 citations	687363 13 h-index	580821 25 g-index
34 all docs	34 docs citations	34 times ranked	1095 citing authors

#	Article	IF	Citations
1	Transcatheter mitral valve repair in a <scp>highâ€surgical</scp> risk patient with severe degenerative mitral regurgitation using the novel <scp>DragonFly</scp>â„¢ Transcatheter Repair deviceâ€”First in man implantation in China. Catheterization and Cardiovascular Interventions, 2022, 99, 518-521.	1.7	11
2	Selfâ€expanding transcatheter aortic valve replacement in patients with extremely horizontal aortas. Catheterization and Cardiovascular Interventions, 2022, , .	1.7	1
3	Doubleâ€Network Hydrogel Armored Decellularized Porcine Pericardium as Durable Bioprosthetic Heart Valves. Advanced Healthcare Materials, 2022, 11, e2102059.	7.6	16
4	Validation of a novel staging classification system based on the extent of cardiac damage among Chinese patients after transcatheter aortic valve replacement: A singleâ€center retrospective study. Catheterization and Cardiovascular Interventions, 2022, 99, 1482-1489.	1.7	4
5	Self-Expanding Transcatheter Aortic Valve Replacement for Pure Aortic Regurgitation With Extremely Horizontal Aorta: A Case Series.. Journal of Invasive Cardiology, 2022, 34, E257-E258.	0.4	0
6	Novel apical-to-femoral rail technique for horizontal aorta in transcatheter aortic valve replacement. Journal of Zhejiang University: Science B, 2022, 23, 613-616.	2.8	2
7	Effect of a novel transcatheter edgeâ€toâ€edge repair device on the threeâ€dimensional geometry of mitral valve in degenerative mitral regurgitation. Catheterization and Cardiovascular Interventions, 2021, 97, 177-185.	1.7	6
8	Aldo-keto reductase family 1 member B induces aortic valve calcification by activating hippo signaling in valvular interstitial cells. Journal of Molecular and Cellular Cardiology, 2021, 150, 54-64.	1.9	7
9	Knockdown of estrogenâ€related receptor Î± inhibits valve interstitial cell calcification in vitro by regulating heme oxygenase 1. FASEB Journal, 2021, 35, e21183.	0.5	5
10	Iatrogenic type-A aortic dissection due to transcatheter aortic valve implantation. European Heart Journal - Case Reports, 2021, 5, ytab024.	0.6	3
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12	SRT1720 Pretreatment Promotes Mitochondrial Biogenesis of Aged Human Mesenchymal Stem Cells and Improves Their Engraftment in Postinfarct Nonhuman Primate Hearts. Stem Cells and Development, 2021, 30, 386-398.	2.1	3
13	True cost of surgical aortic valve replacement and implications for price setting and diagnosis-related groups: evidence from a tertiary hospital in Eastern China. Journal of Comparative Effectiveness Research, 2021, 10, 697-708.	1.4	2
14	Ulvan mediated VE cadherin antibody and REDV peptide co-modification to improve endothelialization potential of bioprosthetic heart valves. Materials Science and Engineering C, 2021, 128, 112337.	7.3	12
15	Sealing Behavior in Transcatheter Bicuspid and Tricuspid Aortic Valves Replacement Through Patient-Specific Computational Modeling. Frontiers in Cardiovascular Medicine, 2021, 8, 732784.	2.4	3
16	The Predictors of Conduction Disturbances Following Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve: A Multicenter Study. Frontiers in Cardiovascular Medicine, 2021, 8, 757190.	2.4	8
17	The First Two Cases of Long-Term Outcomes After Transcatheter Aortic Valve Replacement in Patients With Quadricuspid Aortic Valve. Journal of Invasive Cardiology, 2021, 33, E839-E840.	0.4	0
18	Left ventricular remodeling and dysfunction in obstructive sleep apnea. Herz, 2020, 45, 726-738.	1.1	28

#	Article	IF	Citations
19	Incidence and Predictors of Permanent Pacemaker Implantation in Patients Who Underwent Transcatheter Aortic Valve Replacement: Observation of a Chinese Population. Cardiology, 2020, 145, 27-34.	1.4	18
20	Brain Injury After Transcatheter Replacement of Bicuspid Versus Tricuspid Aortic Valves. Journal of the American College of Cardiology, 2020, 76, 2579-2590.	2.8	32
21	TPP1 Enhances the Therapeutic Effects of Transplanted Aged Mesenchymal Stem Cells in Infarcted Hearts via the MRE11/AKT Pathway. Frontiers in Cell and Developmental Biology, 2020, 8, 588023.	3.7	11
22	Supraâ€annular structure assessment for selfâ€expanding transcatheter heart valve size selection in patients with bicuspid aortic valve. Catheterization and Cardiovascular Interventions, 2018, 91, 986-994.	1.7	56
23	Targeted next-generation sequencing identified ADAMTS5 as novel genetic substrate in patients with bicuspid aortic valve. International Journal of Cardiology, 2018, 252, 150-155.	1.7	9
24	Transcatheter Aortic Valve Replacement for Pure Native Aortic Valve Regurgitation: A Systematic Review. Cardiology, 2018, 141, 132-140.	1.4	23
25	SRT1720 promotes survival of aged human mesenchymal stem cells via FAIM: a pharmacological strategy to improve stem cell-based therapy for rat myocardial infarction. Cell Death and Disease, 2017, 8, e2731-e2731.	6.3	33
26	Meta-analysis of Predictors of Early Severe Bleeding in Patients Who Underwent Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2017, 120, 655-661.	1.6	20
27	Nicotine Accelerates Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice by Activating Î±7 Nicotinic Acetylcholine Receptor on Mast Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 53-65.	2.4	55
28	The MitraClip Asiaâ€Pacific registry: Differences in outcomes between functional and degenerative mitral regurgitation. Catheterization and Cardiovascular Interventions, 2016, 87, E275-81.	1.7	19
29	Safety and efficacy of intracoronary hypoxia-preconditioned bone marrow mononuclear cell administration for acute myocardial infarction patients: The CHINA-AMI randomized controlled trial. International Journal of Cardiology, 2015, 184, 446-451.	1.7	37
30	SIRT1 ameliorates age-related senescence of mesenchymal stem cells via modulating telomere shelterin. Frontiers in Aging Neuroscience, 2014, 6, 103.	3.4	87
31	Role of SIRT1 and AMPK in mesenchymal stem cells differentiation. Ageing Research Reviews, 2014, 13, 55-64.	10.9	89
32	Transplantation of SIRT1-engineered aged mesenchymal stem cells improves cardiac function in a rat myocardial infarction model. Journal of Heart and Lung Transplantation, 2014, 33, 1083-1092.	0.6	45
33	GW24-e2135â€…SIRT1 significantly influences Old sourced MSCs aging and proliferation. Heart, 2013, 99, A36.3-A37.	2.9	0