

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	Role of SIRT1 and AMPK in mesenchymal stem cells differentiation. <i>Ageing Research Reviews</i> , 2014, 13, 55-64.	10.9	89
2	SIRT1 ameliorates age-related senescence of mesenchymal stem cells via modulating telomere shelterin. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 103.	3.4	87
3	Supraannular structure assessment for self-expanding transcatheter heart valve size selection in patients with bicuspid aortic valve. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 986-994.	1.7	56
4	Nicotine Accelerates Atherosclerosis in Apolipoprotein E-deficient Mice by Activating $\alpha 7$ Nicotinic Acetylcholine Receptor on Mast Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 53-65.	2.4	55
5	Transplantation of SIRT1-engineered aged mesenchymal stem cells improves cardiac function in a rat myocardial infarction model. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1083-1092.	0.6	45
6	Safety and efficacy of intracoronary hypoxia-preconditioned bone marrow mononuclear cell administration for acute myocardial infarction patients: The CHINA-AMI randomized controlled trial. <i>International Journal of Cardiology</i> , 2015, 184, 446-451.	1.7	37
7	SIRT1720 promotes survival of aged human mesenchymal stem cells via FAIM: a pharmacological strategy to improve stem cell-based therapy for rat myocardial infarction. <i>Cell Death and Disease</i> , 2017, 8, e2731-e2731.	6.3	33
8	Brain Injury After Transcatheter Replacement of Bicuspid Versus Tricuspid Aortic Valves. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2579-2590.	2.8	32
9	Left ventricular remodeling and dysfunction in obstructive sleep apnea. <i>Herz</i> , 2020, 45, 726-738.	1.1	28
10	Transcatheter Aortic Valve Replacement for Pure Native Aortic Valve Regurgitation: A Systematic Review. <i>Cardiology</i> , 2018, 141, 132-140.	1.4	23
11	Meta-analysis of Predictors of Early Severe Bleeding in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 655-661.	1.6	20
12	The MitraClip Asia-Pacific registry: Differences in outcomes between functional and degenerative mitral regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, E275-81.	1.7	19
13	Incidence and Predictors of Permanent Pacemaker Implantation in Patients Who Underwent Transcatheter Aortic Valve Replacement: Observation of a Chinese Population. <i>Cardiology</i> , 2020, 145, 27-34.	1.4	18
14	Double-network Hydrogel Armored Decellularized Porcine Pericardium as Durable Bioprosthetic Heart Valves. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102059.	7.6	16
15	Ulvan mediated VE cadherin antibody and REDV peptide co-modification to improve endothelialization potential of bioprosthetic heart valves. <i>Materials Science and Engineering C</i> , 2021, 128, 112337.	7.3	12
16	TPP1 Enhances the Therapeutic Effects of Transplanted Aged Mesenchymal Stem Cells in Infarcted Hearts via the MRE11/AKT Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588023.	3.7	11
17	Transcatheter mitral valve repair in a high-surgical risk patient with severe degenerative mitral regurgitation using the novel DragonFly Transcatheter Repair device—First in man implantation in China. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 518-521.	1.7	11
18	Targeted next-generation sequencing identified ADAMTS5 as novel genetic substrate in patients with bicuspid aortic valve. <i>International Journal of Cardiology</i> , 2018, 252, 150-155.	1.7	9

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19	The Predictors of Conduction Disturbances Following Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve: A Multicenter Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 757190.	2.4	8
20	Aldo-keto reductase family 1 member B induces aortic valve calcification by activating hippo signaling in valvular interstitial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 150, 54-64.	1.9	7
21	Effect of a novel transcatheter edge-to-edge repair device on the three-dimensional geometry of mitral valve in degenerative mitral regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 177-185.	1.7	6
22	Knockdown of estrogen-related receptor β inhibits valve interstitial cell calcification in vitro by regulating heme oxygenase 1. <i>FASEB Journal</i> , 2021, 35, e21183.	0.5	5
23	ç³-â°¿ç—...â'CE(æ^-)é«~è;€âŽ:æ,£è€...ç»â-1/4ç®;ä»âŠ"è,,%oç“£ç1/2®æ¢æœ-âŽè,3/4âŠÿèf1/2æ”1â~ç”ç©¶. <i>Journal of Zhejiang University</i>		
24	Validation of a novel staging classification system based on the extent of cardiac damage among Chinese patients after transcatheter aortic valve replacement: A single-center retrospective study. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1482-1489.	1.7	4
25	Iatrogenic type-A aortic dissection due to transcatheter aortic valve implantation. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab024.	0.6	3
26	SRT1720 Pretreatment Promotes Mitochondrial Biogenesis of Aged Human Mesenchymal Stem Cells and Improves Their Engraftment in Postinfarct Nonhuman Primate Hearts. <i>Stem Cells and Development</i> , 2021, 30, 386-398.	2.1	3
27	Sealing Behavior in Transcatheter Bicuspid and Tricuspid Aortic Valves Replacement Through Patient-Specific Computational Modeling. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 732784.	2.4	3
28	True cost of surgical aortic valve replacement and implications for price setting and diagnosis-related groups: evidence from a tertiary hospital in Eastern China. <i>Journal of Comparative Effectiveness Research</i> , 2021, 10, 697-708.	1.4	2
29	Novel apical-to-femoral rail technique for horizontal aorta in transcatheter aortic valve replacement. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 613-616.	2.8	2
30	Self-expanding transcatheter aortic valve replacement in patients with extremely horizontal aortas. <i>Catheterization and Cardiovascular Interventions</i> , 2022, , .	1.7	1
31	GW24-e2135â€¦SIRT1 significantly influences Old sourced MSCs aging and proliferation. <i>Heart</i> , 2013, 99, A36.3-A37.	2.9	0
32	The First Two Cases of Long-Term Outcomes After Transcatheter Aortic Valve Replacement in Patients With Quadricuspid Aortic Valve. <i>Journal of Invasive Cardiology</i> , 2021, 33, E839-E840.	0.4	0
33	Self-Expanding Transcatheter Aortic Valve Replacement for Pure Aortic Regurgitation With Extremely Horizontal Aorta: A Case Series.. <i>Journal of Invasive Cardiology</i> , 2022, 34, E257-E258.	0.4	0