

Jacques Scherman

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

773
citations

840776

11
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-the-shelf human decellularized tissue-engineered heart valves in a non-human primate model. <i>Biomaterials</i> , 2013, 34, 7269-7280.	11.4	173
2	Global Unmet Needs in Cardiac Surgery. , 2018, 13, 293-303.		131
3	Injectable living marrow stromal cell-based autologous tissue engineered heart valves: first experiences with a one-step intervention in primates. <i>European Heart Journal</i> , 2011, 32, 2830-2840.	2.2	124
4	Stem Cell-Based Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 874-883.	2.9	66
5	Transcatheter aortic valve implantation using anatomically oriented, marrow stromal cell-based, stented, tissue-engineered heart valves: technical considerations and implications for translational cell-based heart valve concepts. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, 61-68.	1.4	50
6	Dimensional analysis of human saphenous vein grafts: Implications for external mesh support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1101-1108.	0.8	33
7	Protective constriction of coronary vein grafts with knitted nitinol. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 64-71.	1.4	24
8	TAVI for low to middle income countries. <i>European Heart Journal</i> , 2017, 38, 1182-1184.	2.2	24
9	Preclinical evaluation of a transcatheter aortic valve replacement system for patients with rheumatic heart disease. <i>EuroIntervention</i> , 2019, 15, e975-e982.	3.2	19
10	HEARTSTRING enabled no-touch proximal anastomosis for off-pump coronary artery bypass grafting: current evidence and technique. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 538-541.	1.1	16
11	Isolated mechanical aortic valve replacement in rheumatic patients in a low- to middle-income country. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 886-893.	0.8	16
12	Remodeling leads to distinctly more intimal hyperplasia in coronary than in infrainguinal vein grafts. <i>Journal of Vascular Surgery</i> , 2012, 55, 1734-1741.	1.1	15
13	Poorly suited heart valve prostheses heighten the plight of patients with rheumatic heart disease. <i>International Journal of Cardiology</i> , 2020, 318, 104-114.	1.7	12
14	TAVI for rheumatic aortic stenosis – The next frontier?. <i>International Journal of Cardiology</i> , 2019, 280, 51-52.	1.7	11
15	Transcatheter valve with a hollow balloon for aortic valve insufficiency. , 2018, 2018, ,		10
16	The Technological Basis of a Balloon-Expandable TAVR System: Non-occlusive Deployment, Anchorage in the Absence of Calcification and Polymer Leaflets. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 791949.	2.4	9
17	The in vivo assessment of mechanical loadings on pectoral pacemaker implants. <i>Journal of Biomechanics</i> , 2010, 43, 1717-1722.	2.1	8
18	Clampless off-pump surgery reduces stroke in patients with left main disease. <i>International Journal of Cardiology</i> , 2013, 167, 2097-2101.	1.7	7

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19	Transesophageal echocardiography in minimally invasive cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2020, 33, 83-91.	2.0	7
20	Patient-specific prediction of intrinsic mechanical loadings on sub-muscular pectoral pacemaker implants based on an inter-species transfer function. <i>Journal of Biomechanics</i> , 2011, 44, 2525-2531.	2.1	3
21	Huge left-ventricular pseudoaneurysm compressing coronary artery 10 weeks after stabbing attack. <i>European Heart Journal</i> , 2014, 35, 385-385.	2.2	3
22	A truly non-occlusive stent-graft moulding balloon for thoracic endovascular aortic repair. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 352-354.	1.1	3
23	Obesity Should Not Deter a Surgeon from Selecting a Minimally Invasive Approach for Mitral Valve Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 225-229.	0.9	3
24	SAS CI/SCTSSA joint consensus statement and guidelines on transcatheter aortic valve implantation (TAVI) in South Africa. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 399-400.	0.4	3
25	Massive Hemoptysis 18 Months After a Stabbing Attack. <i>Annals of Thoracic Surgery</i> , 2014, 98, 728.	1.3	1
26	Experience of cardiac implantable electronic device lead removal from a South African tertiary referral centre. <i>Cardiovascular Journal of Africa</i> , 2021, 32, 21-25.	0.4	1
27	Upper ministernotomy. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, mmv036.	0.1	1
28	In Vivo Mechanical Loading Conditions of Pectorally Implanted Cardiac Pacemakers. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2013, , 207.	1.0	0
29	Pedunculated aortic thrombus propagating from the right coronary artery in a patient with IgA nephropathy. <i>European Heart Journal</i> , 2018, 39, 3000-3000.	2.2	0
30	Marrow Stromal Cell based Stem Cell Based Transcatheter Aortic Valve Implantation: First Experiences in a Preclinical Model. , 2012, , .		0