

Paul Simon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,632
citations

22
h-index

40
g-index

51
ext. papers

1,768
ext. citations

4.4
avg, IF

3.61
L-index

#	Paper	IF	Citations
49	Vascular Complications in TAVR: Incidence, Clinical Impact, and Management. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
48	Long-term outcomes after the paediatric Ross and Ross-Konno procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 33, 455-461	1.8	1
47	Aortic valve replacement in pediatric patients: 30 years single center experience. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 259	1.6	0
46	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients : Consensus paper of the Medical University of Vienna. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 671-676 ²⁻³	2.3	6
45	Acute oxygenator occlusion in two cases of polycythemia vera: Bailout strategies. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 2835-2837	1.3	1
44	Injection Site Erythema in a Patient on Therapeutic Anticoagulation with Low Molecular Weight Heparin after Mechanical Aortic Valve Replacement: A Rare Presentation of Heparin- and Protamine-Induced Thrombocytopenia. <i>Case Reports in Immunology</i> , 2020 , 2020, 4503598	1.9	1
43	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 517-523	2.7	8
42	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. <i>Annals of Thoracic Surgery</i> , 2018 , 106, e209-e210	2.7	2
41	High-Intensity Transient Signals in the Outflow Graft and Thrombosis of a HeartWare Left Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2016 , 101, e83-5	2.7	6
40	The Ross procedure offers excellent survival compared with mechanical aortic valve replacement in a real-world setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 409-13; discussion 413-4	3	34
39	Ventricular Assist Devices - Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014 , 9, 54-58	3.9	5
38	Midterm results of aortic valve replacement with cryopreserved homografts. <i>Balkan Medical Journal</i> , 2012 , 29, 170-3	1.5	3
37	One-year interim follow-up results of the TRAVERCE trial: the initial feasibility study for trans-apical aortic-valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 532-7	3	50
36	Scanning electron microscopy and energy-dispersive x-ray microanalysis: a valuable tool for studying cell surface antigen expression on tissue-engineered scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2009 , 15, 257-63	2.9	2
35	Experimental stent-graft treatment of ascending aortic dissection. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 470-3	2.7	10
34	Biomechanical properties of decellularized porcine pulmonary valve conduits. <i>Artificial Organs</i> , 2008 , 32, 28-35	2.6	20
33	IgG deposition and activation of the classical complement pathway involvement in the activation of human granulocytes by decellularized porcine heart valve tissue. <i>Biomaterials</i> , 2008 , 29, 1824-32	15.6	38

32	Tissue Engineering of heart valves—Immunologic and inflammatory challenges of the allograft scaffold. <i>Progress in Pediatric Cardiology</i> , 2006 , 21, 161-165	0.4	14
31	Vacuum assisted closure therapy for the treatment of sternal wound infections in neonates and small infants. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2006 , 5, 285-8	1.8	32
30	Granulocyte-based immune response against decellularized or glutaraldehyde cross-linked vascular tissue. <i>Biomaterials</i> , 2006 , 27, 5634-42	15.6	37
29	Decellularization does not eliminate thrombogenicity and inflammatory stimulation in tissue-engineered porcine heart valves. <i>Journal of Heart Valve Disease</i> , 2006 , 15, 278-86; discussion 286		102
28	Doppler echocardiographic assessment of valvular regurgitation severity by measurement of the vena contracta: an in vitro validation study. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 999-1006	5.8	36
27	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1828	2.7	
26	The decellularized porcine heart valve matrix in tissue engineering: platelet adhesion and activation. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 562-7	7	74
25	Tissue engineering of heart valves: decellularized porcine and human valve scaffolds differ importantly in residual potential to attract monocytic cells. <i>Circulation</i> , 2005 , 111, 2792-7	16.7	141
24	Rapid and untypical calcification of the Sorin pericarbon stentless pericardial xenograft in a child. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004 , 3, 370-2	1.8	
23	Reverse cardiac remodelling in patients with primary pulmonary hypertension after isolated lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 776-81	3	65
22	Relation between size of prosthesis and valve gradient: comparison of two aortic bioprosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 25, 358-63	3	32
21	Decellularization protocols of porcine heart valves differ importantly in efficiency of cell removal and susceptibility of the matrix to recellularization with human vascular cells. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 399-405	1.5	296
20	Reconstructed bicuspid aortic valve after 10 years: clinical and echocardiographic follow-up. <i>Heart Surgery Forum</i> , 2004 , 7, E485-9	0.7	2
19	EuroSCORE predicts mid-term outcome after combined valve and coronary bypass surgery. <i>Journal of Heart Valve Disease</i> , 2004 , 13, 439-43		15
18	Distinct t(7;9)(q34;q32) breakpoints in healthy individuals and individuals with T-ALL. <i>Nature Genetics</i> , 2003 , 33, 342-4	36.3	22
17	Dilatation of the autograft root after the Ross operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2002 , 21, 470-3	3	46
16	V(D)J-mediated translocations in lymphoid neoplasms: a functional assessment of genomic instability by cryptic sites. <i>Journal of Experimental Medicine</i> , 2002 , 195, 85-98	16.6	132
15	Prosthetic replacement of the aorta is a risk factor for aortic root aneurysm development. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 455-9	2.7	22

14	Midterm results after aortic valve replacement with the autologous tissue cardiac valve. <i>European Journal of Cardio-thoracic Surgery</i> , 1999 , 16, 533-9	3	6
13	Noninvasive monitoring of peak filling rate with acoustic quantification echocardiography accurately detects acute cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 1999 , 18, 194-201	5.8	24
12	The use of profound hypothermia and circulatory arrest in operations on the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 1997 , 11, 176-81	3	5
11	Autologous tissue cardiac valve for aortic valve replacement: technical aspects and early results. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 1759-63	2.7	5
10	Pregnancy and uncomplicated vaginal delivery only 13 months after cardiac transplantation (case report). <i>Acta Chirurgica Austriaca</i> , 1996 , 28, 176-177		1
9	Echocardiographic results after repair of incompetent bicuspid aortic valves. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 669-72	2.7	29
8	Aortic valve resuspension in ascending aortic aneurysm repair with aortic insufficiency. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 176-180	2.7	24
7	Measurement of aortic flow velocity during transesophageal echocardiography in the transgastric five-chamber view. <i>Journal of the American Society of Echocardiography</i> , 1995 , 8, 874-8	5.8	7
6	Intramedullary pressure changes and fat intravasation during intramedullary nailing: an experimental study in sheep. <i>Journal of Trauma</i> , 1994 , 36, 202-7		109
5	Thoracoabdominal aneurysm repair: spinal cord protection using profound hypothermia and circulatory arrest. <i>Journal of Cardiac Surgery</i> , 1994 , 9, 679-84	1.3	12
4	Arterial to end-tidal CO ₂ tension difference after bilateral lung transplantation. <i>Critical Care Medicine</i> , 1993 , 21, 1035-40	1.4	33
3	Intraoperative echocardiography in cardiac emergencies. <i>Echocardiography</i> , 1990 , 7, 193-200	1.5	4
2	SYNCHRONIZED RETROPERFUSION COMBINED WITH CORONARY SINUS OCCLUSION: EXPERIMENTAL MEASUREMENTS COMPARED WITH SIMULATION RESULTS AND MODEL PREDICTIONS. <i>Cybernetics and Systems</i> , 1990 , 21, 389-421	1.9	2
1	Clinical evaluation of pressure-controlled intermittent coronary sinus occlusion: randomized trial during coronary artery surgery. <i>Annals of Thoracic Surgery</i> , 1988 , 46, 192-201	2.7	30