

Luca Paolo Weltert

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,067
citations

471509

17
h-index

414414

32
g-index

74
all docs

74
docs citations

74
times ranked

1211
citing authors

#	ARTICLE	IF	CITATIONS
1	Current trends in cannulation and neuroprotection during surgery of the aortic arch in Europe. European Journal of Cardio-thoracic Surgery, 2015, 47, 917-923.	1.4	135
2	Preoperative very short-term, high-dose erythropoietin administration diminishes blood transfusion rate in off-pump coronary artery bypass: A randomized blind controlled study. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 621-627.	0.8	95
3	A single dose of erythropoietin reduces perioperative transfusions in cardiac surgery: results of a prospective single-blind randomized controlled trial. Transfusion, 2015, 55, 1644-1654.	1.6	85
4	Long-term results of the valve reimplantation technique using a graft with sinuses. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 112-119.	0.8	72
5	Is Surgery Always Mandatory for Type A Aortic Dissection?. Annals of Thoracic Surgery, 2006, 82, 1658-1664.	1.3	70
6	Use of the Valsalva graft and long-term follow-up. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, S23-S27.	0.8	68
7	Impact of No-to-Moderate Mitral Regurgitation on Late Results After Isolated Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy. Annals of Thoracic Surgery, 2006, 81, 2128-2134.	1.3	65
8	The combined role of sinuses of Valsalva and flow pulsatility improves energy loss of the aortic valve. European Journal of Cardio-thoracic Surgery, 2016, 49, 1222-1227.	1.4	42
9	Sinotubular Junction Size Affects Aortic Root Geometry and Aortic Valve Function in the Aortic Valve Reimplantation Procedure: An In Vitro Study Using the Valsalva Graft. Annals of Thoracic Surgery, 2007, 84, 1214-1218.	1.3	37
10	Randomized Comparison of Xience V and Multi-Link Vision Coronary Stents in the Same Multivessel Patient With Chronic Kidney Disease (RENAL-DES) Study. Circulation, 2014, 129, 1104-1112.	1.6	37
11	Reduction of allogeneic red blood cell usage during cardiac surgery by an integrated intra- and postoperative blood salvage strategy: results of a randomized comparison. Transfusion, 2013, 53, 790-797.	1.6	34
12	Aortic flow after valve sparing root replacement with or without neosinuses reconstruction. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 455-465.	0.8	31
13	A new method for artificial chordae length "tuning" in mitral valve repair: Preliminary experience. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 454-459.	0.8	27
14	Re-creation of a sinuslike graft expansion in Bentall procedure reduces stress at the coronary button anastomoses: A finite element study. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1082-1087.	0.8	27
15	Overreduction of the Posterior Annulus in Surgical Treatment of Degenerative Mitral Regurgitation. Annals of Thoracic Surgery, 2006, 81, 1310-1316.	1.3	19
16	Intraaortic Migration of an Epicardial Pacing Wire: Percutaneous Extraction. Annals of Thoracic Surgery, 2013, 96, e7-e8.	1.3	19
17	A Third Generation of Ascending Aorta Dacron Graft: Preliminary Experience. Annals of Thoracic Surgery, 2008, 85, 305-309.	1.3	17
18	Biological solutions to aortic root replacement: valve-sparing versus bioprosthetic conduit. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 855-861.	1.1	16

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19	Differences in aortic cusp coaptation between the reimplantation and the remodeling techniques of aortic valve "sparing surgery: An in vitro porcine model study. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 615-618.	0.8	14
20	Mitral repair with the sole use of a semi-rigid band in a sub-population of patients with Barlow's disease: a 4-year follow-up with stress echocardiography. Interactive Cardiovascular and Thoracic Surgery, 2015, 21, 316-321.	1.1	12
21	Hemodynamics of the aortic valve and root: implications for surgery. Annals of Cardiothoracic Surgery, 2013, 2, 40-3.	1.7	12
22	Long-term outcomes using the stentless LivaNova-Sorin Pericarbon Freedom valve after aortic valve replacement. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 116-123.	1.1	10
23	Morphological modification of the aortic annulus in tricuspid and bicuspid valves after aortic valve reimplantation: an electrocardiography-gated computed tomography study. European Journal of Cardio-thoracic Surgery, 2019, 56, 778-784.	1.4	10
24	Cost-effectiveness analysis of a sealing hemostat patch (HEMOPATCH) vs standard of care in cardiac surgery. Journal of Medical Economics, 2018, 21, 273-281.	2.1	8
25	Valsalva graft in the Bentall procedure: from mechanical valve to the BioValsalva, world's first biological aortic conduit. Surgical Technology International, 2008, 17, 216-21.	0.2	8
26	Initial Experience of an Arterial Shunt for Bilateral Antegrade Cerebral Perfusion During Hypothermic Circulatory Arrest. Annals of Thoracic Surgery, 2008, 85, 624-627.	1.3	7
27	Annular dilatation and loss of sino-tubular junction in aneurysmatic aorta: implications on leaflet quality at the time of surgery. A finite element study. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 8-12.	1.1	7
28	The role of neo-sinus reconstruction in aortic valve-sparing surgery. Journal of Cardiac Surgery, 2017, 32, 328-333.	0.7	7
29	Mimicking mother nature: The Valsalva graft. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1758-1763.	0.8	7
30	Intra-operative Use of Hemopatch®: Interim Results of a Nationwide European Survey of Surgeons. Surgical Technology International, 2016, 28, 19-28.	0.2	7
31	Negative pressure wound treatment improves Acute Physiology and Chronic Health Evaluation II score in mediastinitis allowing a successful elective pectoralis muscle flap closure: Six-year experience of a single protocol. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2397-2403.	0.8	5
32	Long-term follow-up after Bentall operation using a stentless Shelhigh NR2000 bioconduit. Journal of Cardiac Surgery, 2020, 35, 988-995.	0.7	5
33	Long-term follow-up of Bentall procedure using the Perimount bioprosthesis and the Valsalva graft. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 679-684.	1.1	5
34	External stenting of vein grafts in coronary artery bypass grafting: interim results from a two centers prospective study. Journal of Cardiothoracic Surgery, 2021, 16, 74.	1.1	5
35	Mitral valve repair for degenerative mitral regurgitation. Journal of Cardiovascular Medicine, 2007, 8, 114-118.	1.5	4
36	Right ventricular assessment can improve prognostic value of Euroscore II. Journal of Cardiac Surgery, 2020, 35, 1548-1555.	0.7	4

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37	A direct correlation between commissural orientation and annular shape in bicuspid aortic valves: a new anatomical and computed tomography classification. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 666-670.	1.1	4
38	How to achieve an aortic root remodelling by performing an aortic root reimplantation. European Journal of Cardio-thoracic Surgery, 2012, 42, e136-e137.	1.4	3
39	Early clinical outcome after aortic root replacement using a biological composite valved graft with and without neo-sinuses. European Journal of Cardio-thoracic Surgery, 2016, 51, ezw253.	1.4	3
40	Aortic valve sparing techniques: pearls and pitfalls. Journal of Visualized Surgery, 0, 5, 74-74.	0.2	3
41	Surgery for Bentall endocarditis: short- and midterm outcomes from a multicentre registry. European Journal of Cardio-thoracic Surgery, 2020, 58, 839-846.	1.4	3
42	Intermediate-Term Outcomes After Aortic Valve Replacement With the Medtronic 3F Stentless Prosthesis. Annals of Thoracic Surgery, 2021, 111, 1975-1982.	1.3	3
43	Repair of ruptured coronary sinus by sole apposition of self-adhesive sealing hemostatic patch. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e189-e191.	0.8	2
44	The matryoshka procedure. Journal of Cardiac Surgery, 2021, 36, 3381-3383.	0.7	2
45	Optimized Use of the "Skirt" of the Valsalva Graft for the Completion Bentall Procedure. Annals of Thoracic Surgery, 2021, 112, e303-e305.	1.3	2
46	Sorin Solo stentless valve: extended adaptability for sinotubular junction mismatch. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 548-551.	1.1	1
47	Can we quantify the risk of embolization for a free-floating thrombus?. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 804-805.	0.8	1
48	Long-term Outcomes of Stentless Bio-bentall vs. David Reimplantation for Aortic Root Dilatation and Aortic Valve Pathology. Structural Heart, 2021, 5, 64-64.	0.6	1
49	Commentary: Even simplified, it is still a commando operation. JTCVS Techniques, 2020, 4, 104-105.	0.4	1
50	Mid-term outcomes of stentless Bio-Bentall vs. David Reimplantation for aortic root replacement. Journal of Cardiac Surgery, 2022, 37, 781-788.	0.7	1
51	The black root: Aortic valve sparing in alkaptonuria. Journal of Cardiac Surgery, 2022, 37, 1413-1415.	0.7	1
52	A method to avoid knot-tying in artificial chordae implantation for mitral valve repair. Journal of Heart Valve Disease, 2010, 19, 249-53.	0.5	1
53	Latest Advances in Annuloplasty Protheses for Valvular Reconstructive Surgery. Surgical Technology International, 2019, 35, 217-232.	0.2	1
54	Simplification of the Manougian approach to treat small annuli: Finally a reproducible low risk approach on the horizon?. Journal of Cardiac Surgery, 2022, 37, 579-580.	0.7	1

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55	Finite element analysis for transcatheter aortic valve replacement: More than a seer reading the future!. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1074-1075.	0.8	0
56	Outcome at 26 Years After Repair of Fallot's Tetralogy With Absent Left Pulmonary Artery. World Journal for Pediatric & Congenital Heart Surgery, 2020, 11, 661-663.	0.8	0
57	Commentary: More haste, less speed. JTCVS Techniques, 2020, 3, 91.	0.4	0
58	The Skirt and Collar of The Valsalva Graft: One Dress Fits All. Surgical Technology International, 0, , .	0.2	0
59	Commentary: That's all folks! But what should we really do to repair the aortic valve?. JTCVS Techniques, 2021, 7, 117-118.	0.4	0
60	Diastolic properties of the Sorin Solo, ATS 3F, Edwards Prima Plus and Medtronic Freestyle stentless valves: an independent in-vitro comparison. Journal of Heart Valve Disease, 2012, 21, 99-105.	0.5	0
61	Latest Advances in Cardiac Valvular Replacement. Surgical Technology International, 2018, 32, 175-189.	0.2	0
62	Outcomes of a New-Generation Stentless Aortic Valve: A Single-Center Experience with 251 Consecutive Implants. Journal of Heart Valve Disease, 2017, 26, 518-527.	0.5	0
63	Latest Advances in Transcatheter Cardiac Valvular Treatment. Surgical Technology International, 2018, 33, 219-237.	0.2	0
64	External Stents for Vein Grafts in Coronary Artery Bypass Grafting: Targeting Intimal Hyperplasia. Surgical Technology International, 2020, 35, 197-201.	0.2	0
65	Surgical outcomes and the optimal approach to the treatment of aortic valve endocarditis with an aortic root abscess. Journal of Cardiac Surgery, 2022, , .	0.7	0
66	Innovative Surgical Techniques for Complex Aortic Repair. , 2022, , 349-358.		0