Christoph T Starck

List of Publications by Year
in descending order

108	3,698	218677	155660
papers	citations	26 h-index	55 g-index

121	121	121	3184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. Europace, 2022, 24, 71-164.	1.7	370
2	EHRA expert consensus statement and practical guide on optimal implantation technique for conventional pacemakers and implantable cardioverter-defibrillators: endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin-American Heart Rhythm Society (LAHRS)â€"a role for postoperative ultrasound? Authorsâ€™ reply. Europace, 2022, 24, 523-524.	1.7	5
3	ILEEM-survey on the Heart Team approach and team training for lead extraction procedures. Cardiology Journal, 2022, 29, 481-488.	1.2	1
4	Use of extracorporeal circulation (ECLS/ECMO) for cardiac and circulatory failure â€"A clinical practice Guideline Level 3. ESC Heart Failure, 2022, 9, 506-518.	3.1	17
5	2021 ESC guidelines on cardiac pacing and cardiac resynchronization: what is the correct level of evidence for the superiority of cephalic vein cutdown? C, B or maybe A?â€"Authorâ€™s reply. Europace, 2022, , .	1.7	0
6	Bacteriophage Therapy as a Treatment Option for Complex Cardiovascular Implant Infection: The German Heart Center Berlin experience. Journal of Heart and Lung Transplantation, 2022, , .	0.6	9
7	Right atriotomy closure with modified ventricular assist device ring. Journal of Cardiac Surgery, 2022, , .	0.7	1
8	OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2022, , .	1.4	0
9	Impact of left ventricular inspection employing cardiopulmonary bypass on outcome after implantation of left ventricular assist device. Artificial Organs, 2022, 46, 908-921.	1.9	2
10	Patient Related Outcomes of Mechanical lead Extraction Techniques (PROMET) study: A comparison of two professions. PACE - Pacing and Clinical Electrophysiology, 2022, , .	1.2	1
11	Right Ventricular Assist Device. , 2022, , 137-144.		0
12	The arch remodelling stent for DeBakey I acute aortic dissection: experience with 100 implantations. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	10
13	Simulation-based training of critical events during cardiopulmonary bypass: importance of a critical events checklist. Perfusion (United Kingdom), 2021, 36, 239-247.	1.0	4
14	Technical implementation of percutaneous thrombus aspiration using the AngioVac system. Perfusion (United Kingdom), 2021, 36, 352-356.	1.0	3
15	ECMELLA 2.0: Single Arterial Access Technique for a Staged Approach in Cardiogenic Shock. Annals of Thoracic Surgery, 2021, 111, e135-e137.	1.3	20
16	A Novel Hybrid Membrane VAD as First Step Toward Hemocompatible Blood Propulsion. Annals of Biomedical Engineering, 2021, 49, 716-731.	2.5	9
17	Midterm Outcomes of the Dissected Aorta Repair Through Stent Implantation Trial. Annals of Thoracic Surgery, 2021, 111, 463-470.	1.3	38
18	Performance and outcomes of transvenous rotational lead extraction: Results from a prospective, monitored, international clinical study. Heart Rhythm O2, 2021, 2, 113-121.	1.7	15

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19	SLL-PEEP Ventilation to Improve Exposure in Minimally Invasive Right Anterolateral Minithoracotomy Aortic Valve Replacement. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 358-364.	0.9	0
20	Real-Time Ventricular Volume Measured Using the Intracardiac Electromyogram. ASAIO Journal, 2021, 67, 1312-1320.	1.6	3
21	Initial experience with the new type A arch dissection stent: restoration of supra-aortic vessel perfusion. Interactive Cardiovascular and Thoracic Surgery, 2021, 33, 276-283.	1.1	13
22	Development of tricuspid regurgitation and right ventricular performance after implantation of centrifugal left ventricular assist devices. Annals of Cardiothoracic Surgery, 2021, 10, 364-374.	1.7	7
23	Management of increased systemic flow requirements in patients with left ventricular assist devices. Annals of Cardiothoracic Surgery, 2021, 10, 399-401.	1.7	3
24	Continuous-flow biventricular mechanical support implantation strategies. Annals of Cardiothoracic Surgery, 2021, 10, 408-410.	1.7	0
25	EHRA expert consensus statement and practical guide on optimal implantation technique for conventional pacemakers and implantable cardioverter-defibrillators: endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin-American Heart Rhythm Society (LAHRS). Europace, 2021, 23, 983-1008.	1.7	92
26	2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. European Heart Journal, 2021, 42, 3427-3520.	2.2	899
27	Propensity scoreâ€based analysis of 30â€day survival in cardiogenic shock patients supported with different microaxial left ventricular assist devices. Journal of Cardiac Surgery, 2021, 36, 4141-4152.	0.7	10
28	Transvenous lead extraction: The influence of age on patient outcomes in the PROMET study cohort. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 1540-1548.	1.2	4
29	Systems of conductive skin for power transfer in clinical applications. European Biophysics Journal, 2021, , 1.	2.2	3
30	On the function of biosynthesized cellulose as barrier against bacterial colonization of VAD drivelines. Scientific Reports, 2021, 11, 18776.	3.3	6
31	Successful case of adjunctive intravenous bacteriophage therapy to treat left ventricular assist device infection. Journal of Infection, 2021, 83, e1-e3.	3.3	14
32	Extracorporeal Circulation (ECLS/ECMO) for Cardio-circulatory Failureâ€"Summary of the S3 Guideline. Thoracic and Cardiovascular Surgeon, 2021, 69, 483-489.	1.0	6
33	S3 Guideline of Extracorporeal Circulation (ECLS/ECMO) for Cardiocirculatory Failure. Thoracic and Cardiovascular Surgeon, 2021, 69, S121-S212.	1.0	13
34	Mechanical circulatory support: Technical tips for the implantation of a right ventricular assist device. JTCVS Open, 2021, 8, 37-40.	0.5	4
35	Surgical ventricular reconstruction eligible for late assist device implantation. Annals of Thoracic Surgery, 2021, , .	1.3	0
36	Persistent left superior vena cava transvenous lead extraction: A European experience. Journal of Cardiovascular Electrophysiology, 2021, , .	1.7	5

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37	Surgical Implantation Techniques of Modern Continuous Flow Ventricular Assist Devices. Surgical Technology International, 2021, 37, 263-269.	0.2	1
38	Transcatheter aspiration of large pacemaker and implantable cardioverter-defibrillator lead vegetations facilitating safe transvenous lead extraction. Europace, 2020, 22, 133-138.	1.7	22
39	European Heart Rhythm Association (EHRA) international consensus document on how to prevent, diagnose, and treat cardiac implantable electronic device infectionsâ€"endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), the Latin American Heart Rhythm Society (LAHRS), International Society for Cardiovascular Infectious Diseases (ISCVID) and the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) in collaboration with the European Association for Cardio. Europace, 2020, 22, 515-549.	1.7	216
40	Microengineered biosynthesized cellulose as anti-fibrotic in vivo protection for cardiac implantable electronic devices. Biomaterials, 2020, 229, 119583.	11.4	45
41	European Heart Rhythm Association (EHRA) international consensus document on how to prevent, diagnose, and treat cardiac implantable electronic device infectionsâ€"endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), the Latin American Heart Rhythm Society (LAHRS), International Society for Cardiovascular Infectious Diseases (ISCVID) and the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) in collaboration with the European Association for Cardio. European Journal of Cardio-thoracic Surgery, 2020, 57, e1-e31.	1.4	111
42	Successful bacteriophage treatment of infection involving cardiac implantable electronic device and aortic graft: a Trojan horse concept. Europace, 2020, 22, 597-597.	1.7	9
43	Safety of bioelectrical impedance analysis in advanced heart failure patients. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 1078-1085.	1.2	7
44	Knowledge gaps, lack of confidence, and system barriers to guideline implementation among European physicians managing patients with CIED lead or infection complications: a European Heart Rhythm Association/European Society of Cardiology educational needs assessment survey. Europace, 2020, 22, 1743-1753.	1.7	16
45	Prediction of survival of patients in cardiogenic shock treated by surgically implanted Impella 5+ short-term left ventricular assist device. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 475-482.	1.1	20
46	Continuous Heart Volume Monitoring by Fully Implantable Soft Strain Sensor. Advanced Healthcare Materials, 2020, 9, e2000855.	7.6	27
47	Regarding The STS/Intermacs 2019 Annual Report. Annals of Thoracic Surgery, 2020, 110, 1783.	1.3	2
48	European Heart Rhythm Association (EHRA) international consensus document on how to prevent, diagnose, and treat cardiac implantable electronic device infectionsâ€"endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), the Latin American Heart Rhythm Society (LAHRS), International Society for Cardiovascular Infectious Diseases (ISCVID), and the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) in collaboration with the European Association for Cardi. European Heart Journal, 2020, 41, 2012-2032.	2.2	120
49	Computed Tomography and Fluoroscopic Angiography in Management of Left Ventricular AssistÂDevice Outflow Graft Obstruction. JACC: Cardiovascular Imaging, 2020, 13, 2036-2042.	5.3	12
50	Retrospective 1-year outcome follow-up in 200 patients supported with HeartMate 3 and HeartWare left ventricular assist devices in a single centre. European Journal of Cardio-thoracic Surgery, 2020, 57, 1160-1165.	1.4	14
51	Results of the Patient-Related Outcomes of Mechanical lead Extraction Techniques (PROMET) study: a multicentre retrospective study on advanced mechanical lead extraction techniques. Europace, 2020, 22, 1103-1110.	1.7	57
52	Cocaine-Related Aortic Dissection: what do we know?. Brazilian Journal of Cardiovascular Surgery, 2020, 35, 764-769.	0.6	8
53	New Hybrid Prosthesis for Acute Type A Aortic Dissection. Surgical Technology International, 2020, 36, 95-97.	0.2	9
54	Externalized conductor of a Kentrox lead and an unexpected insulation failure. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 484-486.	1.1	1

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55	Clinical practice and implementation of guidelines for the prevention, diagnosis and management of cardiac implantable electronic device infections: results of a worldwide survey under the auspices of the European Heart Rhythm Association. Europace, 2019, 21, 1270-1279.	1.7	49
56	Evaluation of attention, perception, and stress levels of clinical cardiovascular perfusionists during cardiac operations: a pilot study. Perfusion (United Kingdom), 2019, 34, 544-551.	1.0	14
57	Temporary mechanical circulatory support for refractory heart failure: the German Heart Center Berlin experience. Annals of Cardiothoracic Surgery, 2019, 8, 76-83.	1.7	34
58	Single-Stage Management of Dynamic Malperfusion Using a Novel Arch Remodeling Hybrid Graft. Annals of Thoracic Surgery, 2019, 108, 1768-1775.	1.3	24
59	TAA 7. Dissected Aorta Repair Through Stent Implantation (DARTS) Trial: International Results. Journal of Vascular Surgery, 2019, 70, e149-e150.	1.1	0
60	Minimally invasive approach for infective mitral valve endocarditis. Annals of Cardiothoracic Surgery, 2019, 8, 702-704.	1.7	10
61	The AngioVac system as a bail-out option in infective valve endocarditis. Annals of Cardiothoracic Surgery, 2019, 8, 675-677.	1.7	26
62	Predictors of mid-term outcomes in patients undergoing implantation of a ventricular assist device directly after extracorporeal life support. European Journal of Cardio-thoracic Surgery, 2019, 55, 773-779.	1.4	27
63	A combination of rare complications 3Âyears after a dual-chamber pacemaker implantation. Clinical Research in Cardiology, 2019, 108, 465-467.	3.3	1
64	An overview of surgical treatment modalities and emerging transcatheter interventions in the management of tricuspid valve regurgitation. Expert Review of Cardiovascular Therapy, 2018, 16, 75-89.	1.5	18
65	2018 EHRA expert consensus statement on lead extraction: recommendations on definitions, endpoints, research trial design, and data collection requirements for clinical scientific studies and registries: endorsed by APHRS/HRS/LAHRS. Europace, 2018, 20, 1217-1217.	1.7	243
66	Minimally Invasive Cardiac Surgery. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 230-232.	0.9	7
67	Managing large lead vegetations in transvenous lead extractions using a percutaneous aspiration technique. Expert Review of Medical Devices, 2018, 15, 757-761.	2.8	15
68	InadvertentÂpacemaker lead dislodgement. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1266-1267.	1.2	2
69	A micron-scale surface topography design reducing cell adhesion to implanted materials. Scientific Reports, 2018, 8, 10887.	3.3	85
70	Two implantable continuous-flow ventricular assist devices in a biventricular configuration: technique and resultsâ€. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 938-942.	1.1	23
71	A Soft Total Artificial Heartâ€"First Concept Evaluation on a Hybrid Mock Circulation. Artificial Organs, 2017, 41, 948-958.	1.9	67
72	Epicardial left ventricular leads via minimally invasive technique: a role of steroid eluting leads. Journal of Cardiothoracic Surgery, 2017, 12, 95.	1.1	6

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73	"Real world" experience in Cardiac Resynchronization Therapy at a Swiss Tertiary Care Center. Swiss Medical Weekly, 2017, 147, w14425.	1.6	2
74	Cardiac pacing â€“ Will the future be exclusively leadless?. Expert Review of Medical Devices, 2016, 13, 421-422.	2.8	0
75	Survival, Neurologic Injury, and Kidney Function after Surgery for Acute Type A Aortic Dissection. Thoracic and Cardiovascular Surgeon, 2016, 64, 100-107.	1.0	16
76	Survival, quality of life and impact of right heart failure in patients with acute cardiogenic shock treated with ECMO. Heart and Lung: Journal of Acute and Critical Care, 2016, 45, 409-415.	1.6	14
77	Clinical performance of a new bidirectional rotational mechanical lead extraction sheath. Europace, 2016, 18, 253-256.	1.7	15
78	Lack of Accessible Data on Prosthetic Heart Valves. International Journal of Cardiovascular Imaging, 2016, 32, 439-447.	1.5	6
79	Lead extraction technology and techniques: a surgeon's perspective. Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery, 2016, 2016, mmw009.	0.1	4
80	Does implantation technique infl uence lead failure?. Acta Cardiologica, 2015, 70, 581-586.	0.9	8
81	Compression coil provides increased lead control in extraction procedures. Europace, 2015, 17, 499-503.	1.7	8
82	The Use of Extracellular Matrix Patches in Cardiac Surgery. Journal of Cardiac Surgery, 2015, 30, 145-148.	0.7	28
83	Pancreatic Stone Protein Predicts Postoperative Infection in Cardiac Surgery Patients Irrespective of Cardiopulmonary Bypass or Surgical Technique. PLoS ONE, 2015, 10, e0120276.	2.5	19
84	Tricuspid valve interventions: surgical techniques and outcomes. EuroIntervention, 2015, 14, W128-W132.	3.2	13
85	Completely Epicardial Implantation of a Cardiac Resynchronization Therapy Defibrillator Using a Minimal Invasive Approach. Thoracic and Cardiovascular Surgeon, 2014, 62, 070-072.	1.0	2
86	Diastolic Aortoâ€“Right-Atrial Fistulation in Aortic and Tricuspid Valve Endocarditis. The Thoracic and Cardiovascular Surgeon Reports, 2014, 03, 019-022.	0.3	3
87	Frailty is a predictor of short- and mid-term mortality after elective cardiac surgery independently of age. Interactive Cardiovascular and Thoracic Surgery, 2014, 18, 580-585.	1.1	111
88	Concept and first experimental results of a new ferromagnetic assist device for extra-aortic counterpulsation. Interactive Cardiovascular and Thoracic Surgery, 2014, 18, 13-16.	1.1	7
89	Does body mass index impact the early outcome of surgical revascularization? A comparison between off-pump and on-pump coronary artery bypass grafting. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 749-755.	1.1	7
90	Treatment with higher dosages of heart failure medication is associated with improved outcome following cardiac resynchronization therapy. European Heart Journal, 2014, 35, 1051-1060.	2.2	52

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91	Toward a Rational Design of Surface Textures Promoting Endothelialization. Nano Letters, 2014, 14, 1069-1079.	9.1	61
92	The influence of surface micro-structure on endothelialization under supraphysiological wall shear stress. Biomaterials, 2014, 35, 8479-8486.	11.4	40
93	Long-Term Performance of Modern Coronary Sinus Leads in Cardiac Resynchronization Therapy. Indian Pacing and Electrophysiology Journal, 2014, 14, 112-120.	0.6	5
94	Generator Pocket Adhesions of Cardiac Leads: Classification and Correlation with Transvenous Lead Extraction Results. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 1111-1116.	1.2	16
95	On cell separation with topographically engineered surfaces. Biointerphases, 2013, 8, 34.	1.6	8
96	Clampless off-pump surgery reduces stroke in patients with left main disease. International Journal of Cardiology, 2013, 167, 2097-2101.	1.7	7
97	Extracorporeal membrane oxygenation for interhospital transfer of a patient with severe ARDS. American Journal of Emergency Medicine, 2013, 31, 640.e1-640.e2.	1.6	0
98	Uncommon Cause of Ventricular Tachycardia in a Patient with a Giant Pseudoaneurysm of the Ascending Aorta. Thoracic and Cardiovascular Surgeon, 2013, 61, 603-605.	1.0	1
99	Interhospital transfer of seriously sick ARDS patients using veno-venous Extracorporeal Membrane Oxygenation (ECMO): Concept of an ECMO transport team. International Journal of Critical Illness and Injury Science, 2013, 3, 46.	0.6	29
100	Transvenous lead extractions: comparison of laser vs. mechanical approach. Europace, 2013, 15, 1636-1641.	1.7	46
101	Results of transvenous lead extraction of coronary sinus leads in patients with cardiac 4,703 resynchronization therapy. Chinese Medical Journal, 2013, 126, 4703-6.	2.3	3
102	Epicardial left atrial appendage clip occlusion also provides the electrical isolation of the left atrial appendage. Interactive Cardiovascular and Thoracic Surgery, 2012, 15, 416-418.	1.1	92
103	Retrospective analysis of outcome data with regards to the use of PhisioÂ®-, BiolineÂ®- or SoftlineÂ®-coated cardiopulmonary bypass circuits in cardiac surgery. Perfusion (United Kingdom), 2012, 27, 530-534.	1.0	30
104	Off-pump surgery for the poor ventricle?. Heart and Vessels, 2012, 27, 258-264.	1.2	10
105	Replacement of the Aortic Valve and Ascending Aorta With an Extended Root Stentless Xenograft. Annals of Thoracic Surgery, 2004, 78, 2150-2152.	1.3	7
106	Older patients fare better with the Ross operation. Annals of Thoracic Surgery, 2003, 75, 796-801.	1.3	27
107	DNA damage in human leukocytes after ischemia/reperfusion injury. Free Radical Biology and Medicine, 2000, 28, 1-12.	2.9	39
108	Surgical Implantation Techniques of Modern Continuous Flow Ventricular Assist Devices. Surgical Technology International, 0, , .	0.2	0