

# Olivier C Manintveld

## List of Publications by Year in descending order

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107  
papers

2,030  
citations

218381

26  
h-index

315357

38  
g-index

109  
all docs

109  
docs citations

109  
times ranked

3182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation and Validation of a Novel Right-Sided Heart Failure Model After Implantation of Continuous Flow Left Ventricular Assist Devices. <i>Circulation</i> , 2018, 137, 891-906.	1.6	183
2	Cardiac effects of postconditioning depend critically on the duration of index ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1551-H1560.	1.5	94
3	COVID-19 in solid organ transplant recipients: a single-center experience. <i>Transplant International</i> , 2020, 33, 1099-1105.	0.8	71
4	Mitochondrial adaptations within chronically ischemic swine myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 980-988.	0.9	54
5	Vagal nerve stimulation started just prior to reperfusion limits infarct size and no-reflow. <i>Basic Research in Cardiology</i> , 2015, 110, 508.	2.5	53
6	Acute Kidney Injury as a Complication of Cardiac Transplantation. <i>Transplantation</i> , 2016, 100, 1740-1749.	0.5	52
7	Preoperative right heart hemodynamics predict postoperative acute kidney injury after heart transplantation. <i>Intensive Care Medicine</i> , 2018, 44, 588-597.	3.9	52
8	Protection Against Renal Ischemia-Reperfusion Injury by Ischemic Postconditioning. <i>Transplantation</i> , 2013, 95, 1299-1305.	0.5	41
9	Toward personalized risk assessment in patients with chronic heart failure: Detailed temporal patterns of NT-proBNP, troponin T, and CRP in the Bio-SHIFT study. <i>American Heart Journal</i> , 2018, 196, 36-48.	1.2	40
10	Epicardial Adipose Tissue and Outcome in Heart Failure With Mid-Range and Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2022, 15, CIRCHEARTFAILURE121009238.	1.6	40
11	Liquid Biopsies to Monitor Solid Organ Transplant Function: A Review of New Biomarkers. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 515-525.	1.0	39
12	Primary intra-aortic balloon support versus inotropes for decompensated heart failure and low output: a randomised trial. <i>EuroIntervention</i> , 2019, 15, 586-593.	1.4	38
13	Limitation of Infarct Size and No-Reflow by Intracoronary Adenosine Depends Critically on Dose and Duration. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1990-1999.	1.1	37
14	Improved long-term survival in Dutch heart transplant patients despite increasing donor age: the Rotterdam experience. <i>Transplant International</i> , 2015, 28, 962-971.	0.8	36
15	Serially measured circulating miR-22-3p is a biomarker for adverse clinical outcome in patients with chronic heart failure: The Bio-SHIFT study. <i>International Journal of Cardiology</i> , 2017, 235, 124-132.	0.8	36
16	Myocardium tolerant to an adenosine-dependent ischemic preconditioning stimulus can still be protected by stimuli that employ alternative signaling pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1165-H1172.	1.5	35
17	Remote Ischemic Conditioning in Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting. <i>Circulation Journal</i> , 2012, 76, 2392-2404.	0.7	35
18	The RISK of ROCK. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2563-H2565.	1.5	33

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19	Acute kidney injury and 1-year mortality after left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 116-123.	0.3	33
20	The Tyrosine Phosphatase Inhibitor Bis(Maltolato)Oxovanadium Attenuates Myocardial Reperfusion Injury by Opening ATP-Sensitive Potassium Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 1256-1262.	1.3	31
21	18F-FDG PET/CT in the Diagnosis and Management of Continuous Flow Left Ventricular Assist Device Infections: A Case Series and Review of the Literature. <i>ASAIO Journal</i> , 2018, 64, e11-e19.	0.9	31
22	CD16+ Monocytes and Skewed Macrophage Polarization toward M2 Type Hallmark Heart Transplant Acute Cellular Rejection. <i>Frontiers in Immunology</i> , 2017, 8, 346.	2.2	30
23	Design and rationale of haemodynamic guidance with CardioMEMS in patients with a left ventricular assist device: the HEMO-VAD pilot study. <i>ESC Heart Failure</i> , 2019, 6, 194-201.	1.4	29
24	Incidence of end-stage renal disease after heart transplantation and effect of its treatment on survival. <i>ESC Heart Failure</i> , 2020, 7, 533-541.	1.4	29
25	Ischemic postconditioning in human DCD kidney transplantation is feasible and appears safe. <i>Transplant International</i> , 2014, 27, 226-234.	0.8	27
26	Cardiometabolic Biomarkers and Their Temporal Patterns Predict Poor Outcome in Chronic Heart Failure (Bio-SHiFT Study). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3954-3964.	1.8	27
27	Temporal Patterns of 14 Blood Biomarker candidates of Cardiac Remodeling in Relation to Prognosis of Patients With Chronic Heart Failure—The Bio-SHiFT Study. <i>Journal of the American Heart Association</i> , 2019, 8, e009555.	1.6	27
28	Impact of multiple balloon inflations during primary percutaneous coronary intervention on infarct size and long-term clinical outcomes in ST-segment elevation myocardial infarction: real-world postconditioning. <i>Basic Research in Cardiology</i> , 2014, 109, 403.	2.5	26
29	Clinical potential of DNA methylation in organ transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 843-850.	0.3	26
30	Left ventricular assist device implantation with and without concomitant tricuspid valve surgery: a systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 644-651.	0.6	26
31	Patient-specific evolution of renal function in chronic heart failure patients dynamically predicts clinical outcome in the Bio-SHiFT study. <i>Kidney International</i> , 2018, 93, 952-960.	2.6	26
32	Predictors of changes in health status between and within patients 12 months post left ventricular assist device implantation. <i>European Journal of Heart Failure</i> , 2014, 16, 566-573.	2.9	25
33	Ventricular tachyarrhythmia detection by implantable loop recording in patients with heart failure and preserved ejection fraction: the VIPS-HF study. <i>European Journal of Heart Failure</i> , 2020, 22, 1923-1929.	2.9	25
34	Intravenous adenosine protects the myocardium primarily by activation of a neurogenic pathway. <i>British Journal of Pharmacology</i> , 2005, 145, 703-711.	2.7	23
35	Ischemic preconditioning modulates mitochondrial respiration, irrespective of the employed signal transduction pathway. <i>Translational Research</i> , 2008, 151, 17-26.	2.2	23
36	Repeated Measurements of NT-pro-B-Type Natriuretic Peptide, Troponin T or C-Reactive Protein Do Not Predict Future Allograft Rejection in Heart Transplant Recipients. <i>Transplantation</i> , 2015, 99, 580-585.	0.5	22

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37	Impact of Continuous Flow Left Ventricular Assist Device Therapy on Chronic Kidney Disease: A Longitudinal Multicenter Study. <i>Journal of Cardiac Failure</i> , 2020, 26, 333-341.	0.7	22
38	Emerging electromagnetic interferences between implantable cardioverter-defibrillators and left ventricular assist devices. <i>Europace</i> , 2020, 22, 584-587.	0.7	22
39	Computed tomography coronary imaging as a gatekeeper for invasive coronary angiography in patients with newly diagnosed heart failure of unknown aetiology. <i>European Journal of Heart Failure</i> , 2013, 15, 1028-1034.	2.9	21
40	Interaction Between Pre- and Postconditioning in the <i>In Vivo</i> Rat Heart. <i>Experimental Biology and Medicine</i> , 2009, 234, 1345-1354.	1.1	20
41	Interleukin-17-producing CD4+ cells home to the graft early after human heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 933-940.	0.3	20
42	Mechanical Support in Early Cardiogenic Shock: What Is the Role of Intra-aortic Balloon Counterpulsation?. <i>Current Heart Failure Reports</i> , 2020, 17, 247-260.	1.3	19
43	Survival following a concomitant aortic valve procedure during left ventricular assist device surgery: an ISHLT Mechanically Assisted Circulatory Support (IMACS) Registry analysis. <i>European Journal of Heart Failure</i> , 2020, 22, 1878-1887.	2.9	18
44	Pre-operative proteinuria in left ventricular assist devices and clinical outcome. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 124-130.	0.3	17
45	Renal function at 1 year after cardiac transplantation rather than acute kidney injury is highly associated with long-term patient survival and loss of renal function - a retrospective cohort study. <i>Transplant International</i> , 2017, 30, 788-798.	0.8	16
46	First-Line Support by Intra-Aortic Balloon Pump in Non-Ischaemic Cardiogenic Shock in the Era of Modern Ventricular Assist Devices. <i>Cardiology</i> , 2017, 138, 1-8.	0.6	16
47	Effect of Age and Renal Function on Survival After Left Ventricular Assist Device Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 2221-2225.	0.7	16
48	The Association Between Cytomegalovirus Infection and Cardiac Allograft Vasculopathy in the Era of Antiviral Valganciclovir Prophylaxis. <i>Transplantation</i> , 2020, 104, 1508-1518.	0.5	16
49	Acute kidney injury following left ventricular assist device implantation: Contemporary insights and future perspectives. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 797-805.	0.3	15
50	Biatrial Versus Bicaval Orthotopic Heart Transplantation: A Systematic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2020, 110, 684-691.	0.7	15
51	Impact of sex differences in comorbidities and medication adherence on outcome in 25 776 heart failure patients. <i>ESC Heart Failure</i> , 2021, 8, 63-73.	1.4	15
52	Herpes Zoster in Solid Organ Transplantation: Incidence and Risk Factors. <i>Frontiers in Immunology</i> , 2021, 12, 645718.	2.2	15
53	Longitudinally Measured Fibrinolysis Factors are Strong Predictors of Clinical Outcome in Patients with Chronic Heart Failure: The Bio-SHiFT Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1947-1955.	1.8	14
54	Ventricular Arrhythmias in Patients With a Continuous-Flow Left Ventricular Assist Device. <i>Journal of the American College of Cardiology</i> , 2016, 68, 323-325.	1.2	13

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55	Coronary artery disease in heart transplantation: new concepts for an old disease. <i>Transplant International</i> , 2018, 31, 787-827.	0.8	13
56	Safety and feasibility of hemodynamic pulmonary artery pressure monitoring using the CardioMEMS device in LVAD management. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3271-3280.	0.3	13
57	Safety and feasibility of contrast echocardiography for the evaluation of patients with HeartMate 3 left ventricular assist devices. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 690-693.	0.5	11
58	Prediction of long-term (> 10 year) cardiovascular outcomes in heart transplant recipients: Value of stress technetium-99m tetrofosmin myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 845-852.	1.4	11
59	Detection of Subclinical Cardiovascular Disease by Cardiovascular Magnetic Resonance in Lymphoma Survivors. <i>JACC: CardioOncology</i> , 2021, 3, 695-706.	1.7	11
60	Weaning from inotropic support and concomitant beta-blocker therapy in severely ill heart failure patients: take the time in order to improve prognosis. <i>European Journal of Heart Failure</i> , 2014, 16, 435-443.	2.9	10
61	The Emerging Application of Remote Ischemic Conditioning in the Clinical Arena. <i>Cardiology in Review</i> , 2012, 20, 279-287.	0.6	9
62	<i>Mycobacterium chelonae</i> , an atypical cause of an LVAD driveline infection. <i>International Journal of Infectious Diseases</i> , 2020, 92, 127-129.	1.5	9
63	Impact of preoperative liver dysfunction on outcomes in patients with left ventricular assist devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 920-928.	0.6	9
64	Transhepatic echocardiography: a novel approach for imaging in left ventricle assist device patients with difficult acoustic windows. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 491-497.	0.5	9
65	Burden of Providing Informal Care for Patients with Atrial Fibrillation. <i>Value in Health</i> , 2021, 24, 236-243.	0.1	9
66	Clinical implementation of coronary computed tomography angiography for routine detection of cardiac allograft vasculopathy in heart transplant patients. <i>Transplant International</i> , 2021, 34, 1886-1894.	0.8	9
67	Dynamic personalized risk prediction in chronic heart failure patients: a longitudinal, clinical investigation of 92 biomarkers (Bio-SHiFT study). <i>Scientific Reports</i> , 2022, 12, 2795.	1.6	9
68	Remote hemodynamic guidance before and after left ventricular assist device implantation: short-term results from the HEMO-VAD pilot study. <i>Future Cardiology</i> , 2021, 17, 885-898.	0.5	8
69	Moderate Aortic Stenosis and Reduced Left Ventricular Ejection Fraction: Current Evidence and Challenges Ahead. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 111.	1.1	7
70	Repeated Echocardiograms Do Not Provide Incremental Prognostic Value to Single Echocardiographic Assessment in Minimally Symptomatic Patients with Chronic Heart Failure: Results of the Bio-SHiFT Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1000-1009.	1.2	7
71	Longitudinal patterns of N-terminal pro B-type natriuretic peptide, troponin T, and C-reactive protein in relation to the dynamics of echocardiographic parameters in heart failure patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1005-1012.	0.5	7
72	Relation of Iron Status to Prognosis After Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2022, 168, 22-30.	0.7	6

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73	Cardiac allograft vasculopathy and donor age affecting permanent pacemaker implantation after heart transplantation. <i>ESC Heart Failure</i> , 2022, 9, 1239-1247.	1.4	6
74	Left ventricular remodelling and prognosis after discharge in new-onset acute heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 2679-2689.	1.4	5
75	CT-derived fractional flow reserve (FFR <sub>ct</sub> ) for functional coronary artery evaluation in the follow-up of patients after heart transplantation. <i>European Radiology</i> , 2022, 32, 1843-1852.	2.3	5
76	Monitoring pulmonary artery pressure in chronic heart failure patients and evaluating the treatment effect of MitraClip implantation for functional mitral regurgitation. <i>EuroIntervention</i> , 2019, 15, 418-419.	1.4	5
77	Percutaneous coronary interventions during ST-segment elevation myocardial infarction: current status and future perspectives. <i>EuroIntervention</i> , 2014, 10, T13-T22.	1.4	5
78	Inpatient Variability in Tacrolimus Exposure Does Not Predict The Development of Cardiac Allograft Vasculopathy After Heart Transplant. <i>Experimental and Clinical Transplantation</i> , 2018, 16, 326-332.	0.2	5
79	Involvement of reperfusion injury salvage kinases in preconditioning depends critically on the preconditioning stimulus. <i>Experimental Biology and Medicine</i> , 2011, 236, 874-882.	1.1	4
80	Hemodynamic deterioration precedes onset of ventricular tachyarrhythmia after Heartmate II implantation. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 97.	0.4	4
81	Extracorporeal cardiopulmonary resuscitation in out-of-hospital cardiac arrest in relation to organ donation. <i>European Heart Journal</i> , 2020, 41, 3587-3587.	1.0	4
82	Future steps in cardio-oncology—a national multidisciplinary survey among healthcare professionals in the Netherlands. <i>Journal of Cancer Survivorship</i> , 2022, , 1.	1.5	4
83	Theophylline Use to Prevent Permanent Pacing in the Contemporary Era of Heart Transplantation: The Rotterdam Experience. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
84	Response to “Renal Postconditioning”   Pause for Thought. <i>Transplantation</i> , 2013, 96, e53-e54.	0.5	3
85	Evaluation of patients with a HeartMate 3 left ventricular assist device using echocardiographic particle image velocimetry. <i>Journal of Ultrasound</i> , 2021, 24, 499-503.	0.7	3
86	Aortic root thrombus after left ventricular assist device implantation and aortic valve replacement. <i>ESC Heart Failure</i> , 2020, 7, 3208-3212.	1.4	3
87	Monitoring pulmonary pressures during long-term continuous-flow left ventricular assist device and fixed pulmonary hypertension: redefining alleged pathophysiological mechanisms?. <i>ESC Heart Failure</i> , 2020, 7, 702-704.	1.4	3
88	COVID-19-related myocarditis post-heart transplantation. <i>International Journal of Infectious Diseases</i> , 2021, 107, 34-36.	1.5	3
89	An unusual case of congestive heart failure in the Netherlands. <i>JMM Case Reports</i> , 2018, 5, e005142.	1.3	3
90	Gender Differences in Patients With Stable Chest Pain. <i>American Journal of Cardiology</i> , 2022, 171, 84-90.	0.7	3

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91	Ischemic Postconditioning After Routine Thrombus Aspiration During Primary Percutaneous Coronary Intervention: Rationale and Design of the <sc>PO</sc>stconditioning <sc>R</sc>otterdam Trial. Catheterization and Cardiovascular Interventions, 2016, 88, 508-514.	0.7	2
92	Long-Term Mechanical Durability of Left Ventricular Assist Devices: An Urgent Call for Periodic Assessment of Technical Integrity. ASAIO Journal, 2018, 64, 521-528.	0.9	2
93	Real-Life Use of Neurohormonal Antagonists and Loop Diuretics in Chronic Heart Failure: Analysis of Serial Biomarker Measurements and Clinical Outcome. Clinical Pharmacology and Therapeutics, 2018, 104, 346-355.	2.3	2
94	Influence of renal insufficiency pre-heart transplantation on malignancy risk post-heart transplantation. ESC Heart Failure, 2021, 8, 2172-2182.	1.4	2
95	Associations of serially measured PCSK9, LDLR and MPO with clinical outcomes in heart failure. Biomarkers in Medicine, 2021, 15, 247-255.	0.6	2
96	Heart failure and promotion of physical activity before and after cardiac rehabilitation (HF-a-ProACH): a study protocol. ESC Heart Failure, 2021, 8, 3621-3627.	1.4	2
97	Heart failure subphenotypes based on repeated biomarker measurements are associated with clinical characteristics and adverse events (Bio-SHiFT study). International Journal of Cardiology, 2022, 364, 77-84.	0.8	2
98	Rotterdam: Main port for organ transplantation research in the Netherlands. Transplant Immunology, 2014, 31, 200-206.	0.6	1
99	Kinking, thrombosis and need for re-operation in a patient with a left ventricular assist device. Intensive Care Medicine, 2016, 42, 2090-2091.	3.9	1
100	Personalized screening intervals for kidney function in patients with chronic heart failure: a modeling study. Journal of Nephrology, 2021, 34, 1421-1427.	0.9	1
101	Prediction of long-term hospitalisation and all-cause mortality in patients with chronic heart failure on Dutch claims data: a machine learning approach. BMC Medical Informatics and Decision Making, 2021, 21, 303.	1.5	1
102	Transcatheter closure and prognosis of coronary artery fistulae in heart transplant recipients. EuroIntervention, 2020, 16, 600-602.	1.4	1
103	Pseudomonas aeruginosa left ventricular assist device (LVAD) driveline infection acquired from the bathroom at home. American Journal of Infection Control, 2022, 50, 1392-1394.	1.1	1
104	Right atrial and ventricular angiosarcoma. European Heart Journal, 2013, 34, 3361-3361.	1.0	0
105	A Broken Heart. Journal of Cardiac Surgery, 2014, 29, 794-794.	0.3	0
106	Modification of a Ventricular Assistance Device for a Hemiplegic Left Ventricular Assist Device Patient. ASAIO Journal, 2019, 65, e12-e13.	0.9	0
107	Oral Glucose Tolerance Test for the Screening of Glucose Intolerance Long Term Post-Heart Transplantation. Transplant International, 2022, 35, 10113.	0.8	0