

# Martin Orban

## List of Publications by Year in descending order

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105  
papers

2,602  
citations

257450

24  
h-index

214800

47  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter edge-to-edge mitral valve repair in mitral regurgitation: current status and future prospects. <i>Expert Review of Medical Devices</i> , 2023, 20, 99-108.	2.8	7
2	ADP-induced platelet reactivity and bleeding events in patients with acute myocardial infarction complicated by cardiogenic shock. <i>Platelets</i> , 2022, 33, 371-380.	2.3	4
3	Choosing the right potent P2Y12-receptor inhibitor in East Asians with acute myocardial infarction and percutaneous coronary intervention â€” Editorial on Ticagrelor versus Prasugrel in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2022, 347, 17-18.	1.7	0
4	Impact of asymmetric tethering on outcomes after edge-to-edge mitral valve repair for secondary mitral regurgitation. <i>Clinical Research in Cardiology</i> , 2022, 111, 869-880.	3.3	4
5	Hybrid Surgery for Severe Mitral Valve Calcification: Limitations and Caveats for an Open Transcatheter Approach. <i>Medicina (Lithuania)</i> , 2022, 58, 93.	2.0	1
6	Cardiohepatic Syndrome Is Associated With Poor Prognosis in Patients Undergoing Tricuspid Transcatheter Edge-to-Edge Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 179-189.	2.9	22
7	Intracranial haemorrhage in adult patients on venoarterial extracorporeal membrane oxygenation. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 303-311.	1.0	4
8	Manual Compression versus Suture-Mediated Closure Device Technique for VA-ECMO Decannulation. <i>Journal of Interventional Cardiology</i> , 2022, 2022, 1-6.	1.2	2
9	Durability of benefit after transcatheter tricuspid valve intervention: insights from actigraphy. <i>European Journal of Heart Failure</i> , 2022, 24, 1293-1301.	7.1	6
10	Transcatheter Aortic Valve Replacement with the Self-Expandable Core Valve Evolut Prosthesis Using the Cusp-Overlap vs. Tricuspid-View. <i>Journal of Clinical Medicine</i> , 2022, 11, 1561.	2.4	15
11	Assessment of sex- and age-dependency of risk factors for intimal hyperplasia in heart transplant patients using the high resolution of optical coherence tomography. <i>International Journal of Cardiology</i> , 2022, , .	1.7	0
12	Percutaneous Transvalvular Microaxial Flow Pump Support in Cardiology. <i>Circulation</i> , 2022, 145, 1254-1284.	1.6	29
13	Incidence and Outcome of Patients with Cardiogenic Shock and Detection of Herpes Simplex Virus in the Lower Respiratory Tract. <i>Journal of Clinical Medicine</i> , 2022, 11, 2351.	2.4	1
14	Propofol versus midazolam sedation in patients with cardiogenic shock - an observational propensity-matched study. <i>Journal of Critical Care</i> , 2022, 71, 154051.	2.2	5
15	Systolic or diastolic CT image acquisition for transcatheter aortic valve replacement â€” An outcome analysis. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 423-430.	1.3	4
16	Implementation of a Clinical Trial Recruitment Support System Based on Fast Healthcare Interoperability Resources (FHIR) in a Cardiology Department. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	2
17	Outcome of patients treated with extracorporeal life support in cardiogenic shock complicating acute myocardial infarction: 1-year result from the ECLS-Shock study. <i>Clinical Research in Cardiology</i> , 2021, 110, 1412-1420.	3.3	24
18	Noncanonical Effects of Oral Thrombin and Factor Xa Inhibitors in Platelet Activation and Arterial Thrombosis. <i>Thrombosis and Haemostasis</i> , 2021, 121, 122-130.	3.4	8

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19	Anatomy and Outcome of Secondary Mitral Regurgitation Subtypes Undergoing Transcatheter Mitral Valve Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 110-111.	2.9	6
20	The multiple options of left atrial and ventricular venting during veno-arterial extra-corporeal membrane oxygenation: practical considerations. <i>European Heart Journal</i> , 2021, 42, 2399-2400.	2.2	5
21	Venoarterial extracorporeal membrane oxygenation as bridge to effective treatment in a 19-year-old woman with acute adrenal crisis: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab031.	0.6	1
22	Pembrolizumab-induced myocarditis in a patient with malignant mesothelioma: plasma exchange as a successful emerging therapyâ€”case report. <i>Translational Lung Cancer Research</i> , 2021, 10, 1039-1046.	2.8	18
23	Veno-arterial extracorporeal membrane oxygenation (ECMO) in patients with cardiogenic shock: rationale and design of the randomised, multicentre, open-label EURO SHOCK trial. <i>EuroIntervention</i> , 2021, 16, e1227-e1236.	3.2	56
24	Treatment of acute cardiac tamponade: A retrospective analysis of classical intermittent versus continuous pericardial drainage. <i>IJC Heart and Vasculature</i> , 2021, 32, 100722.	1.1	2
25	Percutaneous edgeâ€”toâ€”edge repair of severe mitral regurgitation using the <scp>MitraClip XTR</scp> versus <scp>NTR</scp> system. <i>Clinical Cardiology</i> , 2021, 44, 708-714.	1.8	12
26	The lack of evidence-based therapeutic strategies for left ventricular unloading during venoarterial extracorporeal membrane oxygenation therapy calls for randomized trials. <i>European Heart Journal</i> , 2021, 42, 3105-3106.	2.2	3
27	New challenges in cardiac intensive care units. <i>Clinical Research in Cardiology</i> , 2021, 110, 1369-1379.	3.3	5
28	Clopidogrel vs. prasugrel vs. ticagrelor in patients with acute myocardial infarction complicated by cardiogenic shock: a pooled IABP-SHOCK II and CULPRIT-SHOCK trial sub-analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 1493-1503.	3.3	3
29	Combined extracorporeal membrane oxygenation and microaxial pumpâ€”when left ventricular preload is too low to unload in cardiogenic shock. <i>Health Science Reports</i> , 2021, 4, e321.	1.5	3
30	Percutaneous dilatational tracheotomy in high-risk ICU patients. <i>Annals of Intensive Care</i> , 2021, 11, 116.	4.6	3
31	Interventional Snare Procedure to Lift a Balloon-Expandable TAVR Impeding a Mechanical Bi-Leaflet Mitral Valve. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, e189-e190.	2.9	0
32	Mortality in Cardiogenic Shock Patients Is Predicted by Pao 2/Fio 2 (Horowitz Index) Measured on ICU After Venoarterial Extracorporeal Membrane Oxygenation Implantation. , 2021, 3, e0540.		5
33	Extracorporeal life support in therapy-refractory cardiocirculatory failure: looking beyond 30 days. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 607-615.	1.1	4
34	How exercise can deteriorate the clinical course of an ARVC patient: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab417.	0.6	2
35	Treatment of acute pericardial tamponade with a high-vacuum drainage system. <i>Clinical Research in Cardiology</i> , 2020, 109, 263-265.	3.3	3
36	Ten things ICU specialists need to know about new valvular procedures in interventional cardiology. <i>Intensive Care Medicine</i> , 2020, 46, 102-106.	8.2	6

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37	Recent advances in patient selection and devices for transcatheter edge-to-edge mitral valve repair in heart failure. <i>Expert Review of Medical Devices</i> , 2020, 17, 93-102.	2.8	6
38	Smoking and outcomes following guided de-escalation of antiplatelet treatment in acute coronary syndrome patients: a substudy from the randomized TROPICAL-ACS trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 372-381.	3.0	7
39	Left Ventricular Unloading Is Associated With Lower Mortality in Patients With Cardiogenic Shock Treated With Venoarterial Extracorporeal Membrane Oxygenation. <i>Circulation</i> , 2020, 142, 2095-2106.	1.6	269
40	Tricuspid regurgitation and right ventricular dysfunction after cardiac device implantation – Is it time for intra-procedural TEE-guided lead implantation?. <i>International Journal of Cardiology</i> , 2020, 321, 131-132.	1.7	3
41	Long-Term Clinical Outcome of Cardiogenic Shock Patients Undergoing Impella CP Treatment vs. Standard of Care. <i>Journal of Clinical Medicine</i> , 2020, 9, 3803.	2.4	14
42	Prevention and treatment of pulmonary congestion in patients undergoing venoarterial extracorporeal membrane oxygenation for cardiogenic shock. <i>European Heart Journal</i> , 2020, 41, 3753-3761.	2.2	48
43	Update on Weaning from Veno-Arterial Extracorporeal Membrane Oxygenation. <i>Journal of Clinical Medicine</i> , 2020, 9, 992.	2.4	45
44	Transcatheter Edge-to-Edge Tricuspid Repair for Severe Tricuspid Regurgitation Reduces Hospitalizations for Heart Failure. <i>JACC: Heart Failure</i> , 2020, 8, 265-276.	4.1	44
45	Isoflurane Sedation in Patients Undergoing Venoarterial Extracorporeal Membrane Oxygenation Treatment for Cardiogenic Shock – An Observational Propensity-Matched Study. , 2020, 2, e0086.		11
46	Watch out for ST-elevation myocardial infarction: a case report of ST-elevation in single-lead electrocardiogram tracing of a smartwatch. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-4.	0.6	11
47	Aetiology-based clinical scenarios predict outcomes of transcatheter edge-to-edge tricuspid valve repair of functional tricuspid regurgitation. <i>European Journal of Heart Failure</i> , 2019, 21, 1117-1125.	7.1	29
48	Gender and Outcomes following Guided De-Escalation of Antiplatelet Treatment in Acute Coronary Syndrome Patients: The TROPICAL-ACS Gender Substudy. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1527-1538.	3.4	7
49	Transcatheter edge-to-edge mitral valve repair in functional mitral regurgitation: patient selection according to MITRA-FR and COAPT. <i>Journal of Thoracic Disease</i> , 2019, 11, S1966-S1968.	1.4	0
50	Physical activity tracking in correlation to conventional heart failure monitoring assessing improvements after transcatheter mitral and tricuspid valve repair. <i>European Journal of Heart Failure</i> , 2019, 21, 943-945.	7.1	7
51	Diurnal Variability of On-Treatment Platelet Reactivity in Clopidogrel versus Prasugrel Treated Acute Coronary Syndrome Patients: A Pre-Specified TROPICAL-ACS Sub-Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 660-667.	3.4	12
52	Extracorporeal Life Support in Cardiogenic Shock Complicating Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2355-2357.	2.8	79
53	Impact of Transcatheter Tricuspid Valve Repair for Severe Tricuspid Regurgitation on Kidney and Liver Function. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1413-1420.	2.9	54
54	Uncommon cause of progressive dyspnoea 12 years after coronary artery bypass surgery. <i>European Heart Journal</i> , 2019, 40, 3950-3950.	2.2	0

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55	Percutaneous Decannulation Instead of Surgical Removal for Weaning After Venoarterial Extracorporeal Membrane Oxygenation – A Crossed Perclose ProGlide Closure Device Technique Using a Hemostasis Valve Y Connector. , 2019, 1, e0018.		20
56	Safety of Percutaneous Dilatational Tracheotomy in Patients on Dual Antiplatelet Therapy and Anticoagulation. , 2019, 1, e0050.		9
57	Transcatheter Edge-to-Edge Repair for Tricuspid Regurgitation Is Associated With Right Ventricular Reverse Remodeling in Patients With Right-Sided Heart Failure. JACC: Cardiovascular Imaging, 2019, 12, 559-560.	5.3	43
58	Transcatheter treatment of functional mitral regurgitation after MITRA-FR and COAPT – Patient selection is most important. International Journal of Cardiology, 2019, 288, 57-58.	1.7	6
59	Clinical impact of elevated tricuspid valve inflow gradients after transcatheter edge-to-edge tricuspid valve repair. EuroIntervention, 2019, 15, e1057-e1064.	3.2	9
60	Six-month outcome after transcatheter edge-to-edge repair of severe tricuspid regurgitation in patients with heart failure. European Journal of Heart Failure, 2018, 20, 1055-1062.	7.1	76
61	Edge-to-edge mitral valve repair: solid data and a prosperous future. Heart, 2018, 104, 280-281.	2.9	4
62	Platelet Reactivity and Early Outcomes after Transfemoral Aortic Valve Implantation. Thrombosis and Haemostasis, 2018, 118, 1832-1838.	3.4	15
63	Physical Activity and Noninvasive Cardiac Output as Novel Clinical Endpoints After Transcatheter Valve Repair for Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2018, 11, 2127-2129.	2.9	10
64	Transcatheter Edge-to-Edge Repair for Severe Tricuspid Regurgitation Using the Triple-Orifice Technique Versus the Bicuspidalization Technique. JACC: Cardiovascular Interventions, 2018, 11, 1790-1792.	2.9	39
65	Percutaneous treatment of functional mitral regurgitation – Awaiting results of COAPT and MITRA-FR. International Journal of Cardiology, 2018, 269, 89-90.	1.7	1
66	Outcomes Following Mitraclip in Advanced Heart Failure Patients: A Meta-Analysis. Journal of Heart and Lung Transplantation, 2018, 37, S201.	0.6	0
67	Long-Term Outcomes After MitraClip Implantation According to the Presence or Absence of EVEREST Inclusion Criteria. American Journal of Cardiology, 2017, 119, 1255-1261.	1.6	57
68	Predictors for long-term survival after transcatheter edge-to-edge mitral valve repair. Journal of Interventional Cardiology, 2017, 30, 226-233.	1.2	47
69	Transcatheter Treatment of Severe Tricuspid Regurgitation Using the Edge-to-Edge Repair Technique in the Presence and Absence of Pacemaker Leads. JACC: Cardiovascular Interventions, 2017, 10, 2014-2016.	2.9	27
70	Uncommon cause of dyspnoea after percutaneous closure of the left atrial appendage. European Heart Journal, 2017, 38, 2912-2912.	2.2	1
71	A randomised trial on platelet function-guided de-escalation of antiplatelet treatment in ACS patients undergoing PCI. Thrombosis and Haemostasis, 2017, 117, 188-195.	3.4	36
72	Guided de-escalation of antiplatelet treatment in patients with acute coronary syndrome undergoing percutaneous coronary intervention (TROPICAL-ACS): a randomised, open-label, multicentre trial. Lancet, The, 2017, 390, 1747-1757.	13.7	443

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73	Transcatheter edge-to-edge mitral valve repair in heart failure. <i>Minerva Cardiology and Angiology</i> , 2017, 65, 314-320.	0.7	3
74	Transcatheter treatment of severe tricuspid regurgitation using the edge-to-edge repair technique. <i>EuroIntervention</i> , 2017, 12, e1837-e1844.	3.2	63
75	TCT-87 Transcatheter treatment of severe tricuspid regurgitation using the MitraClip® system: 30-day clinical results in 13 consecutive patients.. <i>Journal of the American College of Cardiology</i> , 2016, 68, B35-B36.	2.8	2
76	Ticagrelor versus prasugrel in patients with high on-clopidogrel treatment platelet reactivity after PCI: The ISAR-ADAPT-PF study. <i>Platelets</i> , 2016, 27, 796-804.	2.3	11
77	Impact of the bioresorbable vascular scaffold surface area on on-treatment platelet reactivity. <i>Platelets</i> , 2016, 27, 446-451.	2.3	4
78	Established interventions for mitral valve regurgitation. <i>Herz</i> , 2016, 41, 19-25.	1.1	12
79	Platelet function and coagulation in patients with STEMI and peri-interventional clopidogrel plus heparin vs. prasugrel plus bivalirudin therapy (BRAVE 4 substudy). <i>Thrombosis Research</i> , 2016, 137, 72-78.	1.7	6
80	ADP receptor antagonists in patients with acute myocardial infarction complicated by cardiogenic shock: a post hoc IABP-SHOCK II trial subgroup analysis. <i>EuroIntervention</i> , 2016, 12, e1395-e1403.	3.2	19
81	Long-Term Outcome of Patients with Severe Biventricular Heart Failure and Severe Mitral Regurgitation After Percutaneous Edge-to-Edge Mitral Valve Repair. <i>Journal of Interventional Cardiology</i> , 2015, 28, 164-171.	1.2	31
82	Predictors of antiplatelet response to prasugrel during maintenance treatment. <i>Platelets</i> , 2015, 26, 53-58.	2.3	22
83	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2154.	2.8	24
84	The impact of therapeutic hypothermia on on-treatment platelet reactivity and clinical outcome in cardiogenic shock patients undergoing primary PCI for acute myocardial infarction: Results from the ISAR-SHOCK registry. <i>Thrombosis Research</i> , 2015, 136, 87-93.	1.7	27
85	Kindlin-3-mediated integrin adhesion is dispensable for quiescent but essential for activated hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2015, 212, 1415-1432.	8.5	26
86	Acute and Midterm Outcome After MitraClip Therapy in Patients With Severe Mitral Regurgitation and Left Ventricular Dysfunction. <i>American Journal of Cardiology</i> , 2015, 116, 749-756.	1.6	23
87	Kindlin-3-mediated integrin adhesion is dispensable for quiescent but essential for activated hematopoietic stem cells. <i>Journal of Cell Biology</i> , 2015, 210, 2105OIA171.	5.2	0
88	Percutaneous edge-to-edge repair of the mitral valve in patients with degenerative versus functional mitral regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 84, 137-146.	1.7	40
89	Aspirin Treatment and Outcomes After Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2014, 64, 863-871.	2.8	88
90	TCT-799 Predictors Of Long Term Outcome In Heart Failure Patients With Very Low Left Ventricular Ejection Fraction And Severe Mitral Regurgitation After Percutaneous Edge To Edge Mitral Valve Repair. <i>Journal of the American College of Cardiology</i> , 2014, 64, B234.	2.8	0

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91	Prasugrel vs clopidogrel in cardiogenic shock patients undergoing primary PCI for acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1190-1197.	3.4	27
92	Dangerous liaison: successful percutaneous edge-to-edge mitral valve repair in patients with end-stage systolic heart failure can cause left ventricular thrombus formation. <i>EuroIntervention</i> , 2014, 10, 253-259.	3.2	18
93	Platelet Function Testing in Patients with Acute Coronary Syndrome. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 371-377.	2.4	6
94	Bleeding and Thrombosis Risk Matters. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 864-866.	2.9	1
95	Left ventricular thrombus formation after successful percutaneous edge-to-edge mitral valve repair. <i>European Heart Journal</i> , 2013, 34, 942-942.	2.2	8
96	Antiplatelet efficacy of prasugrel in patients with high on-clopidogrel treatment platelet reactivity and a history of coronary stenting. <i>Thrombosis and Haemostasis</i> , 2013, 109, 517-254.	3.4	12
97	Three-dimensional transoesophageal echocardiography for the assessment of clip attachment to the leaflets in percutaneous edge-to-edge repair of the mitral valve. <i>EuroIntervention</i> , 2013, 8, 1379-1387.	3.2	22
98	Time does not heal all wounds: very late stent thrombosis eight years after implantation of a sirolimus-eluting stent due to positive remodelling, saccular evaginations and marked vascular inflammation. <i>EuroIntervention</i> , 2013, 9, 412-413.	3.2	1
99	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of Experimental Medicine</i> , 2012, 209, 2165-2181.	8.5	151
100	Dual thienopyridine low-response to clopidogrel and prasugrel in a patient with STEMI, cardiogenic shock and early stent thrombosis is overcome by ticagrelor. <i>Platelets</i> , 2012, 23, 395-398.	2.3	13
101	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of General Physiology</i> , 2012, 140, i11-i11.	1.9	2
102	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of Cell Biology</i> , 2012, 199, i7-i7.	5.2	0
103	Massive thrombus burden with recurrence of intracoronary thrombosis early after stenting and delayed onset of prasugrel action in a patient with ST-elevation myocardial infarction and cardiac shock. <i>Thrombosis and Haemostasis</i> , 2011, 106, 555-558.	3.4	7
104	ISCOMATRIX Adjuvant Induces Efficient Cross-Presentation of Tumor Antigen by Dendritic Cells via Rapid Cytosolic Antigen Delivery and Processing via Tripeptidyl Peptidase II. <i>Journal of Immunology</i> , 2009, 182, 1253-1259.	0.8	91
105	Dendritic cell-based vaccination combined with gemcitabine increases survival in a murine pancreatic carcinoma model. <i>Gut</i> , 2007, 56, 1275-1282.	12.1	70