

Wolfgang Rottbauer

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,311
citations

218677

26
h-index

110387

64
g-index

89
all docs

89
docs citations

89
times ranked

5614
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. <i>New England Journal of Medicine</i> , 2015, 373, 929-938.	27.0	1,827
2	Prognostic Value of Microvascular Obstruction and Infarct Size, as Measured by CMR in STEMI Patients. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 930-939.	5.3	271
3	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 72, 874-882.	2.8	224
4	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , 2016, 37, 2823-2829.	2.2	136
5	Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement Significantly Reduces Death and Stroke Compared With Unprotected Procedures. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2297-2303.	2.9	136
6	Apixaban in Patients With Atrial Fibrillation After Transfemoral Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 66-74.	2.9	114
7	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019, 40, 2142-2151.	2.2	79
8	Rate of peri-procedural stroke observed with cerebral embolic protection during transcatheter aortic valve replacement: a patient-level propensity-matched analysis. <i>European Heart Journal</i> , 2019, 40, 1334-1340.	2.2	77
9	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , 2019, 139, 413-415.	1.6	75
10	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 433-443.	2.9	59
11	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance. <i>Journal of Cell Science</i> , 2014, 127, 3578-92.	2.0	51
12	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	2.2	49
13	Coding and non-coding variants in the SHOX2 gene in patients with early-onset atrial fibrillation. <i>Basic Research in Cardiology</i> , 2016, 111, 36.	5.9	45
14	Predictors for permanent pacemaker implantation in patients undergoing transfemoral aortic valve implantation with the Edwards Sapien 3 valve. <i>Clinical Research in Cardiology</i> , 2017, 106, 590-597.	3.3	45
15	Transfemoral aortic valve implantation with the repositionable Lotus valve compared with the balloon-expandable Edwards Sapien 3 valve. <i>International Journal of Cardiology</i> , 2015, 195, 171-175.	1.7	44
16	Protein Kinase D2 Controls Cardiac Valve Formation in Zebrafish by Regulating Histone Deacetylase 5 Activity. <i>Circulation</i> , 2011, 124, 324-334.	1.6	43
17	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1869-1877.	2.8	42
18	Multistage three-dimensional UTE lung imaging by image-based self-gating. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1324-1332.	3.0	40

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19	Predictors of rehospitalization after percutaneous edge-to-edge mitral valve repair by MitraClip implantation. <i>European Journal of Heart Failure</i> , 2019, 21, 182-192.	7.1	39
20	Loss of the novel Vcp (valosin containing protein) interactor Washc4 interferes with autophagy-mediated proteostasis in striated muscle and leads to myopathy <i>in vivo</i> . <i>Autophagy</i> , 2018, 14, 1911-1927.	9.1	35
21	Impact of suture mediated femoral access site closure with the Prostar XL compared to the ProGlide system on outcome in transfemoral aortic valve implantation. <i>International Journal of Cardiology</i> , 2016, 223, 564-567.	1.7	34
22	Significant Differences in Debris Captured by the Sentinel Dual-Filter Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement Among Different Valve Types. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1683-1693.	2.9	34
23	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 279-287.	2.4	34
24	Paxillin and Focal Adhesion Kinase (FAK) Regulate Cardiac Contractility in the Zebrafish Heart. <i>PLoS ONE</i> , 2016, 11, e0150323.	2.5	32
25	Recent progress in the use of zebrafish for novel cardiac drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 1231-1241.	5.0	30
26	In vivo characterization of human myofibrillar myopathy genes in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 217-223.	2.1	27
27	Transfemoral aortic valve implantation in pure native aortic valve insufficiency using the repositionable and retrievable lotus valve. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 993-995.	1.7	27
28	Long COVID: Distinction between Organ Damage and Deconditioning. <i>Journal of Clinical Medicine</i> , 2021, 10, 3782.	2.4	26
29	Longitudinal strain assessed by cardiac magnetic resonance correlates to hemodynamic findings in patients with severe aortic stenosis and predicts positive remodeling after transcatheter aortic valve replacement. <i>Clinical Research in Cardiology</i> , 2018, 107, 20-29.	3.3	24
30	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. <i>European Journal of Heart Failure</i> , 2020, 22, 330-337.	7.1	24
31	Transfemoral Aortic Valve Implantation with the New Edwards Sapien 3 Valve for Treatment of Severe Aortic Stenosis—Impact of Valve Size in a Single Center Experience. <i>PLoS ONE</i> , 2016, 11, e0151247.	2.5	22
32	Atrogin-1 Deficiency Leads to Myopathy and Heart Failure in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2016, 17, 187.	4.1	21
33	New generation devices for transfemoral transcatheter aortic valve replacement are superior compared with last generation devices with respect to VARC-2 outcome. <i>Cardiovascular Intervention and Therapeutics</i> , 2018, 33, 247-255.	2.3	21
34	Genetics of Cardiovascular Disease: Fishing for Causality. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 60.	2.4	21
35	Non-contrast-enhanced magnetic resonance angiography is equal to contrast-enhanced multislice computed tomography for correct aortic sizing before transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2016, 105, 273-278.	3.3	20
36	Comparing Cardiac Magnetic Resonance-Guided Versus Angiography-Guided Treatment of Patients With Stable Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 987-996.	5.3	20

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37	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , 2019, 21, 1469-1472.	7.1	20
38	Efficacy and safety of percutaneous left atrial appendage closure to prevent thromboembolic events in atrial fibrillation patients with high stroke and bleeding risk. <i>Clinical Research in Cardiology</i> , 2016, 105, 225-229.	3.3	19
39	Left ventricular ejection fraction and presence of myocardial necrosis assessed by cardiac magnetic resonance imaging correctly risk stratify patients with stable coronary artery disease: a multi-center all-comers trial. <i>Clinical Research in Cardiology</i> , 2017, 106, 219-229.	3.3	19
40	Cardiac Findings in Amyotrophic Lateral Sclerosis: A Magnetic Resonance Imaging Study. <i>Frontiers in Neurology</i> , 2017, 8, 479.	2.4	18
41	Atrial Fibrillation Predicts Long-Term Outcome after Transcatheter Edge-to-Edge Mitral Valve Repair by MitraClip Implantation. <i>Biomolecules</i> , 2018, 8, 152.	4.0	18
42	Bicuspid Aortic Stenosis Treated With the Repositionable and Retrievable Lotus Valve. <i>Canadian Journal of Cardiology</i> , 2016, 32, 135.e17-135.e19.	1.7	17
43	Outcome With the Repositionable and Retrievable Boston Scientific Lotus Valve Compared With the Balloon-Expandable Edwards Sapien 3 Valve in Patients Undergoing Transfemoral Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	17
44	The balloon-expandable Edwards Sapien 3 valve is superior to the self-expanding Medtronic CoreValve in patients with severe aortic stenosis undergoing transfemoral aortic valve implantation. <i>Journal of Cardiology</i> , 2017, 69, 877-882.	1.9	17
45	Symptom burden correlates to impairment of diffusion capacity and exercise intolerance in long COVID patients. <i>Scientific Reports</i> , 2022, 12, .	3.3	17
46	RNA splicing regulated by RBFOX1 is essential for cardiac function in zebrafish. <i>Journal of Cell Science</i> , 2015, 128, 3030-40.	2.0	16
47	Two-Point Magnitude MRI for Rapid Mapping of Brown Adipose Tissue and Its Application to the R6/2 Mouse Model of Huntington Disease. <i>PLoS ONE</i> , 2014, 9, e105556.	2.5	15
48	Improvement of regional and global left ventricular function in magnetic resonance imaging after recanalization of true coronary chronic total occlusions. <i>Cardiovascular Revascularization Medicine</i> , 2015, 16, 228-232.	0.8	15
49	The mediator complex subunit Med10 regulates heart valve formation in zebrafish by controlling Tbx2b-mediated Has2 expression and cardiac jelly formation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 581-588.	2.1	14
50	Spn deficiency interferes with Connexin 43 expression and leads to heart failure in zebrafish. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 155, 25-35.	1.9	14
51	Tbx20 Is an Essential Regulator of Embryonic Heart Growth in Zebrafish. <i>PLoS ONE</i> , 2016, 11, e0167306.	2.5	14
52	Mediator complex subunit Med12 regulates cardiac jelly development and AV valve formation in zebrafish. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 138, 20-31.	2.9	13
53	Genetic compensation prevents myopathy and heart failure in an in vivo model of Bag3 deficiency. <i>PLoS Genetics</i> , 2020, 16, e1009088.	3.5	13
54	Single-dose of adrenergic versus placebo in acute cardiogenic shock (ACCOST-HH): an investigator-initiated, randomised, double-blinded, placebo-controlled, multicentre trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 247-254.	10.7	12

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55	Outcome of Patients with Mixed Aortic Valve Disease Undergoing Transfemoral Aortic Valve Replacement. <i>Structural Heart</i> , 2017, 1, 162-167.	0.6	11
56	Transfemoral valve-in-valve implantation for degenerated bioprosthetic aortic valves using the new balloon-expandable Edwards Sapien 3 valve. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, 636-643.	1.7	10
57	Predictors of permanent pacemaker implantation after transfemoral aortic valve implantation with the Lotus valve. <i>American Heart Journal</i> , 2017, 192, 57-63.	2.7	10
58	Long-term clinical results of bioresorbable absorb scaffolds using the PSP technique in patients with and without diabetes. <i>Journal of Interventional Cardiology</i> , 2017, 30, 325-330.	1.2	10
59	Therapeutic Chemical Screen Identifies Phosphatase Inhibitors to Reconstitute PKB Phosphorylation and Cardiac Contractility in ILK-Deficient Zebrafish. <i>Biomolecules</i> , 2018, 8, 153.	4.0	9
60	First experience with the Watchman FLX occluder for percutaneous left atrial appendage closure. <i>Cardiovascular Revascularization Medicine</i> , 2017, 18, 512-516.	0.8	8
61	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021, 8, 1924-1932.	3.1	8
62	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2022, 111, 186-196.	3.3	8
63	Zotarolimus compared with everolimus eluting stents: angiographic and clinical results after recanalization of true coronary chronic total occlusions. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, 18-23.	1.7	7
64	Loss of zebrafish Smyd1a interferes with myofibrillar integrity without triggering the misfolded myosin response. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 339-345.	2.1	7
65	Predictors of left ventricular reverse remodeling after percutaneous therapy for mitral regurgitation with the MitraClip system. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 687-697.	1.7	7
66	Histone deacetylase 1 controls cardiomyocyte proliferation during embryonic heart development and cardiac regeneration in zebrafish. <i>PLoS Genetics</i> , 2021, 17, e1009890.	3.5	7
67	Case Report: Myocarditis After COVID-19 Vaccination – Case Series and Literature Review. <i>Frontiers in Medicine</i> , 2022, 9, 836620.	2.6	7
68	The bird beak configuration has no adverse effect in a magnetic resonance functional analysis of thoracic stent grafts after traumatic aortic transection. <i>Journal of Vascular Surgery</i> , 2015, 61, 365-373.	1.1	6
69	The Role of Native T1 Mapping in the Diagnosis of Myocarditis in a Real-World Setting. <i>Journal of Clinical Medicine</i> , 2020, 9, 3810.	2.4	6
70	Impact of bleeding complications after transcatheter mitral valve repair. <i>IJC Heart and Vasculature</i> , 2021, 32, 100707.	1.1	5
71	Long-Chain Acyl-Carnitines Interfere with Mitochondrial ATP Production Leading to Cardiac Dysfunction in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8468.	4.1	5
72	A compact unc45b promoter drives muscle-specific expression in zebrafish and mouse. <i>Genesis</i> , 2016, 54, 431-438.	1.6	4

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73	Intra-aortic balloon counterpulsation pump in heart failure patients during MitraClip implantation: A propensity score matched analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1433-1438.	1.7	4
74	Long-term clinical outcome of persistent left bundle branch block after transfemoral aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 538-544.	1.7	4
75	Sporadic inclusion body myositis: no specific cardiac involvement in cardiac magnetic resonance tomography. <i>Journal of Neurology</i> , 2020, 267, 1407-1413.	3.6	4
76	Percutaneous edge-to-edge mitral valve repair for mitral regurgitation improves heart failure symptoms in heart failure with preserved ejection fraction patients. <i>ESC Heart Failure</i> , 2021, , .	3.1	4
77	Impact of extent of coronary artery disease and percutaneous revascularization assessed by the SYNTAX score on outcomes following transcatheter aortic valve replacement. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 568.	1.7	4
78	J wave syndromes in patients with spinal and bulbar muscular atrophy. <i>Journal of Neurology</i> , 2022, 269, 3690-3699.	3.6	4
79	Risk factors for permanent pacemaker implantation in patients receiving a balloon-expandable transcatheter aortic valve prosthesis. <i>Heart and Vessels</i> , 2020, 35, 1735-1745.	1.2	3
80	Vascular Access Site Complications Do Not Correlate With Large Sheath Diameter in TAVI Procedures With New Generation Devices. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 738854.	2.4	3
81	Magnetic resonance Adenosine perfusion imaging as Gatekeeper of invasive coronary intervention (MAGnet): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 358.	1.6	2
82	The ACCOST-HH Trial. <i>European Heart Journal</i> , 2020, 41, 4296-4298.	2.2	2
83	Impact of Radial Access on Contrast-Induced Acute Kidney Injury in Patients With Coronary Artery Bypass Grafts. <i>Cardiovascular Revascularization Medicine</i> , 2022, 36, 123-131.	0.8	2
84	Semantic Multi-Classifer Systems Identify Predictive Processes in Heart Failure Models across Species. <i>Biomolecules</i> , 2018, 8, 158.	4.0	1
85	Implications of concomitant obstructive or restrictive pulmonary diseases on functional and clinical results after MitraClip. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E1000-E1006.	1.7	1
86	Non-invasive Imaging in Patients With Chronic Total Occlusions of the Coronary Arteries: What Does the Interventionalist Need for Success?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 713625.	2.4	1
87	Transfemoral aortic valve implantation is more successful with the Edwards Sapien 3 compared with the Edwards XT for the treatment of symptomatic severe aortic stenosis. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 470-479.	1.6	0
88	Author's reply. <i>Journal of Cardiology</i> , 2018, 71, 598.	1.9	0