Wolfgang Rottbauer

List of Publications by Year
in descending order

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	Impact of Radial Access on Contrast-Induced Acute Kidney Injury in Patients With Coronary Artery Bypass Grafts. Cardiovascular Revascularization Medicine, 2022, 36, 123-131.	0.8	2
2	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. Clinical Research in Cardiology, 2022, 111, 186-196.	3.3	8
3	J wave syndromes in patients with spinal and bulbar muscular atrophy. Journal of Neurology, 2022, 269, 3690-3699.	3.6	4
4	Case Report: Myocarditis After COVID-19 Vaccination â€“ Case Series and Literature Review. Frontiers in Medicine, 2022, 9, 836620.	2.6	7
5	Single-dose of adrecizumab versus placebo in acute cardiogenic shock (ACCOST-HH): an investigator-initiated, randomised, double-blinded, placebo-controlled, multicentre trial. Lancet Respiratory Medicine,the, 2022, 10, 247-254.	10.7	12
6	Symptom burden correlates to impairment of diffusion capacity and exercise intolerance in long COVID patients. Scientific Reports, 2022, 12, .	3.3	17
7	Impact of bleeding complications after transcatheter mitral valve repair. IJC Heart and Vasculature, 2021, 32, 100707.	1.1	5
8	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. ESC Heart Failure, 2021, 8, 1924-1932.	3.1	8
9	Spen deficiency interferes with Connexin 43 expression and leads to heart failure in zebrafish. Journal of Molecular and Cellular Cardiology, 2021, 155, 25-35.	1.9	14
10	Long COVID: Distinction between Organ Damage and Deconditioning. Journal of Clinical Medicine, 2021, 10, 3782.	2.4	26
11	Long-Chain Acyl-Carnitines Interfere with Mitochondrial ATP Production Leading to Cardiac Dysfunction in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 8468.	4.1	5
12	Implications of concomitant obstructive or restrictive pulmonary diseases on functional and clinical results after MitraClip. Catheterization and Cardiovascular Interventions, 2021, 98, E1000-E1006.	1.7	1
13	Non-invasive Imaging in Patients With Chronic Total Occlusions of the Coronary Arteriesâ€"What Does the Interventionalist Need for Success?. Frontiers in Cardiovascular Medicine, 2021, 8, 713625.	2.4	1
14	Percutaneous edgeâ€toâ€edge mitral valve repair for mitral regurgitation improves heart failure symptoms in heart failure with preserved ejection fraction patients. ESC Heart Failure, 2021, , .	3.1	4
15	Histone deacetylase 1 controls cardiomyocyte proliferation during embryonic heart development and cardiac regeneration in zebrafish. PLoS Genetics, 2021, 17, e1009890.	3.5	7
16	Impact of extent of coronary artery disease and percutaneous revascularization assessed by the SYNTAX score on outcomes following transcatheter aortic valve replacement. BMC Cardiovascular Disorders, 2021, 21, 568.	1.7	4
17	Vascular Access Site Complications Do Not Correlate With Large Sheath Diameter in TAVI Procedures With New Generation Devices. Frontiers in Cardiovascular Medicine, 2021, 8, 738854.	2.4	3
18	Impact of aspirin on takotsubo syndrome: a propensity scoreâ€based analysis of the InterTAK Registry. European Journal of Heart Failure, 2020, 22, 330-337.	7.1	24

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19	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 279-287.	2.4	34
20	The ACCOST-HH Trial. European Heart Journal, 2020, 41, 4296-4298.	2.2	2
21	The Role of Native T1 Mapping in the Diagnosis of Myocarditis in a Real-World Setting. Journal of Clinical Medicine, 2020, 9, 3810.	2.4	6
22	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. European Heart Journal, 2020, 41, 3255-3268.	2.2	49
23	Risk factors for permanent pacemaker implantation in patients receiving a balloon-expandable transcatheter aortic valve prosthesis. Heart and Vessels, 2020, 35, 1735-1745.	1.2	3
24	Predictors of left ventricular reverse remodeling after percutaneous therapy for mitral regurgitation with the MitraClip system. Catheterization and Cardiovascular Interventions, 2020, 96, 687-697.	1.7	7
25	Sporadic inclusion body myositis: no specific cardiac involvement in cardiac magnetic resonance tomography. Journal of Neurology, 2020, 267, 1407-1413.	3.6	4
26	Age-Related Variations in Takotsubo Syndrome. Journal of the American College of Cardiology, 2020, 75, 1869-1877.	2.8	42
27	Genetic compensation prevents myopathy and heart failure in an in vivo model of Bag3 deficiency. PLoS Genetics, 2020, 16, e1009088.	3.5	13
28	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. Circulation, 2019, 139, 413-415.	1.6	75
29	Prediction of shortâ€•and longâ€term mortality in takotsubo syndrome: the InterTAK Prognostic Score. European Journal of Heart Failure, 2019, 21, 1469-1472.	7.1	20
30	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. European Heart Journal, 2019, 40, 2142-2151.	2.2	79
31	Transcatheter Aortic Valve ReplacementÂWith Next-Generation Self-Expanding Devices. JACC: Cardiovascular Interventions, 2019, 12, 433-443.	2.9	59
32	Predictors of rehospitalization after percutaneous edgeâ€toâ€edge mitral valve repair by MitraClip implantation. European Journal of Heart Failure, 2019, 21, 182-192.	7.1	39
33	Rate of peri-procedural stroke observed with cerebral embolic protection during transcatheter aortic valve replacement: a patient-level propensity-matched analysis. European Heart Journal, 2019, 40, 1334-1340.	2.2	77
34	Longâ€term clinical outcome of persistent left bundle branch block after transfemoral aortic valve implantation. Catheterization and Cardiovascular Interventions, 2019, 93, 538-544.	1.7	4
35	Loss of zebrafish Smyd1a interferes with myofibrillar integrity without triggering the misfolded myosin response. Biochemical and Biophysical Research Communications, 2018, 496, 339-345.	2.1	7
36	New generation devices for transfemoral transcatheter aortic valve replacement are superior compared with last generation devices with respect to VARC-2 outcome. Cardiovascular Intervention and Therapeutics, 2018, 33, 247-255.	2.3	21

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37	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. Clinical Research in Cardiology, 2018, 107, 20-29.	3.3	24
38	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. Archives of Cardiovascular Diseases, 2018, 111, 470-479.	1.6	0
39	Semantic Multi-Classifier Systems Identify Predictive Processes in Heart Failure Models across Species. Biomolecules, 2018, 8, 158.	4.0	1
40	Therapeutic Chemical Screen Identifies Phosphatase Inhibitors to Reconstitute PKB Phosphorylation and Cardiac Contractility in ILK-Deficient Zebrafish. Biomolecules, 2018, 8, 153.	4.0	9
41	Atrial Fibrillation Predicts Long-Term Outcome after Transcatheter Edge-to-Edge Mitral Valve Repair by MitraClip Implantation. Biomolecules, 2018, 8, 152.	4.0	18
42	Intraâ€aortic balloon counterpulsation pump in heart failure patients during MitraClip implantationâ€”A propensityâ€score matched analysis. Catheterization and Cardiovascular Interventions, 2018, 92, 1433-1438.	1.7	4
43	Mediator complex subunit Med12 regulates cardiac jelly development and AV valve formation in zebrafish. Progress in Biophysics and Molecular Biology, 2018, 138, 20-31.	2.9	13
44	Genetics of Cardiovascular Disease: Fishing for Causality. Frontiers in Cardiovascular Medicine, 2018, 5, 60.	2.4	21
45	Comparing Cardiac Magnetic Resonanceâ€“Guided Versus Angiography-Guided Treatment ofÂPatients With Stable CoronaryÂArteryÂDisease. JACC: Cardiovascular Imaging, 2018, 11, 987-996.	5.3	20
46	Loss of the novel Vcp (valosin containing protein) interactor Washc4 interferes with autophagy-mediated proteostasis in striated muscle and leads to myopathy in vivo. Autophagy, 2018, 14, 1911-1927.	9.1	35
47	Long-Term Prognosis of Patients With Takotsubo Syndrome. Journal of the American College of Cardiology, 2018, 72, 874-882.	2.8	224
48	Significant Differences in Debris CapturedÂby the Sentinel Dual-Filter Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement Among Different Valve Types. JACC: Cardiovascular Interventions, 2018, 11, 1683-1693.	2.9	34
49	Author's reply. Journal of Cardiology, 2018, 71, 598.	1.9	0
50	Apixaban in Patients With AtrialÂFibrillationÂAfter Transfemoral AorticÂValveÂReplacement. JACC: Cardiovascular Interventions, 2017, 10, 66-74.	2.9	114
51	First experience with the Watchman FLX occluder for percutaneous left atrial appendage closure. Cardiovascular Revascularization Medicine, 2017, 18, 512-516.	0.8	8
52	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. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	17
53	Predictors for permanent pacemaker implantation in patients undergoing transfemoral aortic valve implantation with the Edwards Sapien 3 valve. Clinical Research in Cardiology, 2017, 106, 590-597.	3.3	45
54	Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement Significantly Reduces Death and Stroke Compared With Unprotected Procedures. JACC: Cardiovascular Interventions, 2017, 10, 2297-2303.	2.9	136

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55	Predictors of permanent pacemaker implantation after transfemoral aortic valve implantation with the Lotus valve. American Heart Journal, 2017, 192, 57-63.	2.7	10
56	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. Clinical Research in Cardiology, 2017, 106, 219-229.	3.3	19
57	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. Journal of Cardiology, 2017, 69, 877-882.	1.9	17
58	Outcome of Patients with Mixed Aortic Valve Disease Undergoing Transfemoral Aortic Valve Replacement. Structural Heart, 2017, 1, 162-167.	0.6	11
59	Cardiac Findings in Amyotrophic Lateral Sclerosis: A Magnetic Resonance Imaging Study. Frontiers in Neurology, 2017, 8, 479.	2.4	18
60	Magnetic resonance Adenosine perfusion imaging as Gatekeeper of invasive coronary intervention (MAGnet): study protocol for a randomized controlled trial. Trials, 2017, 18, 358.	1.6	2
61	Longâ€term clinical results of bioresorbable absorb scaffolds using the PSPâ€technique in patients with and without diabetes. Journal of Interventional Cardiology, 2017, 30, 325-330.	1.2	10
62	Atrogin-1 Deficiency Leads to Myopathy and Heart Failure in Zebrafish. International Journal of Molecular Sciences, 2016, 17, 187.	4.1	21
63	Paxillin and Focal Adhesion Kinase (FAK) Regulate Cardiac Contractility in the Zebrafish Heart. PLoS ONE, 2016, 11, e0150323.	2.5	32
64	Transfemoral aortic valve implantation in pure native aortic valve insufficiency using the repositionable and retrievable lotus valve. Catheterization and Cardiovascular Interventions, 2016, 87, 993-995.	1.7	27
65	Multistage threeâ€dimensional UTE lung imaging by imageâ€based selfâ€gating. Magnetic Resonance in Medicine, 2016, 75, 1324-1332.	3.0	40
66	Zotarolimus compared with everolimus eluting stentsâ€angiographic and clinical results after recanalization of true coronary chronic total occlusions. Catheterization and Cardiovascular Interventions, 2016, 88, 18-23.	1.7	7
67	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. European Heart Journal, 2016, 37, 2823-2829.	2.2	136
68	Coding and non-coding variants in the SHOX2 gene in patients with early-onset atrial fibrillation. Basic Research in Cardiology, 2016, 111, 36.	5.9	45
69	The mediator complex subunit Med10 regulates heart valve formation in zebrafish by controlling Tbx2b-mediated Has2 expression and cardiac jelly formation. Biochemical and Biophysical Research Communications, 2016, 477, 581-588.	2.1	14
70	Impact of suture mediated femoral access site closure with the Prostar XL compared to the ProGlide system on outcome in transfemoral aortic valve implantation. International Journal of Cardiology, 2016, 223, 564-567.	1.7	34
71	A compact unc45b â€promoter drives muscleâ€specific expression in zebrafish and mouse. Genesis, 2016, 54, 431-438.	1.6	4
72	Transfemoral valveâ€inâ€valve implantation for degenerated bioprosthetic aortic valves using the new balloonâ€expandable Edwards Sapien 3 valve. Catheterization and Cardiovascular Interventions, 2016, 88, 636-643.	1.7	10

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73	Non-contrast-enhanced magnetic resonance angiography is equal to contrast-enhanced multislice computed tomography for correct aortic sizing before transcatheter aortic valve implantation. Clinical Research in Cardiology, 2016, 105, 273-278.	3.3	20
74	Bicuspid Aortic Stenosis Treated With the Repositionable and Retrievable Lotus Valve. Canadian Journal of Cardiology, 2016, 32, 135.e17-135.e19.	1.7	17
75	Efficacy and safety of percutaneous left atrial appendage closure to prevent thromboembolic events in atrial fibrillation patients with high stroke and bleeding risk. Clinical Research in Cardiology, 2016, 105, 225-229.	3.3	19
76	Transfemoral Aortic Valve Implantation with the New Edwards Sapien 3 Valve for Treatment of Severe Aortic Stenosisâ€"Impact of Valve Size in a Single Center Experience. PLoS ONE, 2016, 11, e0151247.	2.5	22
77	Tbx20 Is an Essential Regulator of Embryonic Heart Growth in Zebrafish. PLoS ONE, 2016, 11, e0167306.	2.5	14
78	The bird beak configuration has no adverse effect in a magnetic resonance functional analysis of thoracic stent grafts after traumatic aortic transection. Journal of Vascular Surgery, 2015, 61, 365-373.	1.1	6
79	Transfemoral aortic valve implantation with the repositionable Lotus valve compared with the balloon-expandable Edwards Sapien 3 valve. International Journal of Cardiology, 2015, 195, 171-175.	1.7	44
80	Improvement of regional and global left ventricular function in magnetic resonance imaging after recanalization of true coronary chronic total occlusions. Cardiovascular Revascularization Medicine, 2015, 16, 228-232.	0.8	15
81	InÂvivo characterization of human myofibrillar myopathy genes in zebrafish. Biochemical and Biophysical Research Communications, 2015, 461, 217-223.	2.1	27
82	RNA splicing regulated by RBFOX1 is essential for cardiac function in zebrafish. Journal of Cell Science, 2015, 128, 3030-40.	2.0	16
83	Recent progress in the use of zebrafish for novel cardiac drug discovery. Expert Opinion on Drug Discovery, 2015, 10, 1231-1241.	5.0	30
84	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. New England Journal of Medicine, 2015, 373, 929-938.	27.0	1,827
85	Two-Point Magnitude MRI for Rapid Mapping of Brown Adipose Tissue and Its Application to the R6/2 Mouse Model of Huntington Disease. PLoS ONE, 2014, 9, e105556.	2.5	15
86	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance. Journal of Cell Science, 2014, 127, 3578-92.	2.0	51
87	Prognostic Value of Microvascular Obstruction and Infarct Size, as MeasuredÂby CMR in STEMI Patients. JACC: Cardiovascular Imaging, 2014, 7, 930-939.	5.3	271
88	Protein Kinase D2 Controls Cardiac Valve Formation in Zebrafish by Regulating Histone Deacetylase 5 Activity. Circulation, 2011, 124, 324-334.	1.6	43