

Matthias Totzeck

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,793
citations

377584

21
h-index

312153

41
g-index

45
all docs

45
docs citations

45
times ranked

2843
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiotoxicity from chimeric antigen receptor-T cell therapy for advanced malignancies. <i>European Heart Journal</i> , 2022, 43, 1928-1940.	1.0	39
2	Assessment of coronary artery disease during hospitalization for cancer treatment. <i>Clinical Research in Cardiology</i> , 2021, 110, 200-210.	1.5	14
3	Are we underestimating the potential for cardiotoxicity related to immune checkpoint inhibitors?. <i>European Heart Journal</i> , 2021, 42, 1632-1635.	1.0	18
4	ECG Scoring for the Evaluation of Therapy-Naïve Cancer Patients to Predict Cardiotoxicity. <i>Cancers</i> , 2021, 13, 1197.	1.7	4
5	Cardiac fibroblast activation detected by positron emission tomography/computed tomography as a possible sign of cardiotoxicity. <i>European Heart Journal</i> , 2020, 41, 1060-1060.	1.0	41
6	Safety and efficacy of a novel algorithm to guide decision-making in high-risk interventional coronary procedures. <i>International Journal of Cardiology</i> , 2020, 299, 87-92.	0.8	6
7	Impact of left-ventricular end-diastolic pressure as a predictor of periprocedural hemodynamic deterioration in patients undergoing Impella supported high-risk percutaneous coronary interventions. <i>IJC Heart and Vasculature</i> , 2020, 26, 100445.	0.6	4
8	ECG Changes in Melanoma Patients Undergoing Cancer Therapy—Data from the ECoR Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 2060.	1.0	6
9	Impact of Diabetes Mellitus on Outcomes after High-Risk Interventional Coronary Procedures. <i>Journal of Clinical Medicine</i> , 2020, 9, 3414.	1.0	2
10	Troponins and Natriuretic Peptides in Cardio-Oncology Patients—Data From the ECoR Registry. <i>Frontiers in Pharmacology</i> , 2020, 11, 740.	1.6	16
11	Emerging role of immune checkpoint inhibitors and their relevance for the cardiovascular system. <i>Herz</i> , 2020, 45, 645-651.	0.4	16
12	Global longitudinal strain is associated with better outcomes in transcatheter aortic valve replacement. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 267.	0.7	18
13	Cardiac biomarkers for the detection of cardiotoxicity in childhood cancer—a meta-analysis. <i>ESC Heart Failure</i> , 2020, 7, 423-433.	1.4	32
14	Cardiovascular Damage Associated With Chest Irradiation. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 41.	1.1	29
15	Heart failure from cancer therapy: can we prevent it?. <i>ESC Heart Failure</i> , 2019, 6, 856-862.	1.4	31
16	Cardiotoxicity from immune checkpoint inhibitors. <i>IJC Heart and Vasculature</i> , 2019, 25, 100420.	0.6	79
17	Access site complications following Impella-supported high-risk percutaneous coronary interventions. <i>Scientific Reports</i> , 2019, 9, 17844.	1.6	15
18	Weightlifting unmasks high-risk coronary anomaly. <i>European Heart Journal</i> , 2019, 40, 72-72.	1.0	0

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19	Cardio-oncology - strategies for management of cancer-therapy related cardiovascular disease. International Journal of Cardiology, 2019, 280, 163-175.	0.8	138
20	Mouse cardiac mitochondria do not separate in subsarcolemmal and interfibrillar subpopulations. Mitochondrion, 2018, 38, 1-5.	1.6	10
21	Modern concepts in cardio-oncology. Journal of Thoracic Disease, 2018, 10, S4386-S4390.	0.6	13
22	Biomarkers for the detection of apparent and subclinical cancer therapy-related cardiotoxicity. Journal of Thoracic Disease, 2018, 10, S4282-S4295.	0.6	69
23	Real-time Pressure-volume Analysis of Acute Myocardial Infarction in Mice. Journal of Visualized Experiments, 2018, , .	0.2	1
24	Inorganic nitrite modulates miRNA signatures in acute myocardial <i>in vivo</i> ischemia/reperfusion. Free Radical Research, 2017, 51, 91-102.	1.5	24
25	Preprocedural C-Reactive Protein Predicts Outcomes after Primary Percutaneous Coronary Intervention in Patients with ST-elevation Myocardial Infarction a systematic meta-analysis. Scientific Reports, 2017, 7, 41530.	1.6	37
26	A novel physiological role for cardiac myoglobin in lipid metabolism. Scientific Reports, 2017, 7, 43219.	1.6	29
27	S-nitrosation of calpains is associated with cardioprotection in myocardial I/R injury. Nitric Oxide - Biology and Chemistry, 2017, 67, 68-74.	1.2	9
28	Cardiovascular Adverse Events in Patients With Cancer Treated With Bevacizumab: A Meta-Analysis of More Than 20,000 Patients. Journal of the American Heart Association, 2017, 6, .	1.6	125
29	Impact of dietary nitrate on age-related diastolic dysfunction. European Journal of Heart Failure, 2016, 18, 599-610.	2.9	20
30	MIF reflects tissue damage rather than inflammation in post-cardiac arrest syndrome in a real life cohort. Resuscitation, 2016, 100, 32-37.	1.3	15
31	Percutaneous Mitral Valve Repair in Mitral Regurgitation Reduces Cell-Free Hemoglobin and Improves Endothelial Function. PLoS ONE, 2016, 11, e0151203.	1.1	7
32	A practical approach to remote ischemic preconditioning and ischemic preconditioning against myocardial ischemia/reperfusion injury. Journal of Biological Methods, 2016, 3, e57.	1.0	8
33	Dietary Nitrate Is a Modifier of Vascular Gene Expression in Old Male Mice. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	13
34	Nitrite circumvents canonical cGMP signaling to enhance proliferation of myocyte precursor cells. Molecular and Cellular Biochemistry, 2015, 401, 175-183.	1.4	14
35	The MACOCHA score is feasible to predict intubation failure of nonanesthesiologist intensive care unit trainees. Journal of Critical Care, 2015, 30, 876-880.	1.0	8
36	Filtration of Macrophage Migration Inhibitory Factor (MIF) in Patients with End Stage Renal Disease Undergoing Hemodialysis. PLoS ONE, 2015, 10, e0140215.	1.1	7

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37	Crosstalk between Nitrite, Myoglobin and Reactive Oxygen Species to Regulate Vasodilation under Hypoxia. PLoS ONE, 2014, 9, e105951.	1.1	28
38	Modulation of Circulating Macrophage Migration Inhibitory Factor in the Elderly. BioMed Research International, 2014, 2014, 1-8.	0.9	25
39	Circulating Nitrite Contributes to Cardioprotection by Remote Ischemic Preconditioning. Circulation Research, 2014, 114, 1601-1610.	2.0	295
40	Cardioprotection Through S-Nitros(yl)ation of Macrophage Migration Inhibitory Factor. Circulation, 2012, 125, 1880-1889.	1.6	84
41	Dietary Nitrate Supplementation Improves Revascularization in Chronic Ischemia. Circulation, 2012, 126, 1983-1992.	1.6	97
42	Nitrite Regulates Hypoxic Vasodilation via Myoglobin-Dependent Nitric Oxide Generation. Circulation, 2012, 126, 325-334.	1.6	173
43	Assessment of the functional diversity of human myoglobin. Nitric Oxide - Biology and Chemistry, 2012, 26, 211-216.	1.2	29
44	Higher endogenous nitrite levels are associated with superior exercise capacity in highly trained athletes. Nitric Oxide - Biology and Chemistry, 2012, 27, 75-81.	1.2	49
45	Positive effects of nitric oxide on left ventricular function in humans. European Heart Journal, 2006, 27, 1699-1705.	1.0	96