

Thomas Munzel

List of Publications by Year in descending order

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Version: 2024-02-01

995
papers

96,245
citations

498

132
h-index

398

285
g-index

1090
all docs

1090
docs citations

1090
times ranked

81805
citing authors

#	ARTICLE	IF	CITATIONS
1	Five-year change in refractive error and its risk factors: results from the Gutenberg Health Study. <i>British Journal of Ophthalmology</i> , 2023, 107, 140-146.	2.1	3
2	Depressive symptoms predict the incidence of common chronic diseases in women and men in a representative community sample. <i>Psychological Medicine</i> , 2023, 53, 4172-4180.	2.7	3
3	Soil and water pollution and human health: what should cardiologists worry about?. <i>Cardiovascular Research</i> , 2023, 119, 440-449.	1.8	30
4	Association of birth weight with corneal aberrations in adulthood – Results from a population-based study. <i>Journal of Optometry</i> , 2023, 16, 42-52.	0.7	4
5	Environmental risk factors and cardiovascular diseases: a comprehensive expert review. <i>Cardiovascular Research</i> , 2022, 118, 2880-2902.	1.8	78
6	Non-invasive peripheral vascular function, incident cardiovascular disease, and mortality in the general population. <i>Cardiovascular Research</i> , 2022, 118, 904-912.	1.8	3
7	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2022, 111, 186-196.	1.5	8
8	Glucagon-like peptide-1 (GLP-1) receptor agonists and their cardiovascular benefits – The role of the GLP-1 receptor. <i>British Journal of Pharmacology</i> , 2022, 179, 659-676.	2.7	28
9	Tubulin-folding cofactor E deficiency promotes vascular dysfunction by increased endoplasmic reticulum stress. <i>European Heart Journal</i> , 2022, 43, 488-500.	1.0	6
10	Cardiovascular profiling in the diabetic continuum: results from the population-based Gutenberg Health Study. <i>Clinical Research in Cardiology</i> , 2022, 111, 272-283.	1.5	11
11	Unexpected high level of severe events even in low-risk profile chest pain unit patients. <i>Herz</i> , 2022, 47, 374-379.	0.4	1
12	FEV1 Predicts Cardiac Status and Outcome in Chronic Heart Failure. <i>Chest</i> , 2022, 161, 179-189.	0.4	4
13	Impact of Systemic Atherosclerosis on Clinical Characteristics and Short-Term Outcomes in Patients with Deep Venous Thrombosis or Thrombophlebitis. <i>American Journal of the Medical Sciences</i> , 2022, 363, 232-241.	0.4	7
14	TNF- α blockade may lead to improvement of vascular function in psoriasis patients. <i>Experimental Dermatology</i> , 2022, 31, 237-241.	1.4	8
15	Clinical use and outcome of extracorporeal membrane oxygenation in patients with pulmonary embolism. <i>Resuscitation</i> , 2022, 170, 285-292.	1.3	40
16	Long-term exposure to transportation noise and risk for atrial fibrillation: A Danish nationwide cohort study. <i>Environmental Research</i> , 2022, 207, 112167.	3.7	14
17	Randomized non-inferiority Trial comparing reverse T And Protrusion versus double-kissing and crush Stenting for the treatment of complex left main bifurcation lesions. <i>Clinical Research in Cardiology</i> , 2022, 111, 750-760.	1.5	2
18	Peripheral corneal thickness and associated factors – results from the population-based German Gutenberg Health Study. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	5

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19	Diabetes mellitus and its impact on mortality rate and outcome in pulmonary embolism. Journal of Diabetes Investigation, 2022, 13, 725-737.	1.1	10
20	Global health burden of ambient PM2.5 and the contribution of anthropogenic black carbon and organic aerosols. Environment International, 2022, 159, 107020.	4.8	68
21	Redox Regulatory Changes of Circadian Rhythm by the Environmental Risk Factors Traffic Noise and Air Pollution. Antioxidants and Redox Signaling, 2022, 37, 679-703.	2.5	17
22	Controlled-Level EVERolimus in Acute Coronary Syndrome (CLEVER-ACS) - A phase II, randomized, double-blind, multi-center, placebo-controlled trial. American Heart Journal, 2022, 247, 33-41.	1.2	8
23	The Gutenberg health study: a five-year prospective analysis of psychosocial working conditions using COPSOQ (Copenhagen psychosocial questionnaire) and ERI (effort-reward imbalance). BMC Public Health, 2022, 22, 24.	1.2	3
24	Trends and Risk Factors of In-Hospital Mortality of Patients with COVID-19 in Germany: Results of a Large Nationwide Inpatient Sample. Viruses, 2022, 14, 275.	1.5	29
25	Intraocular Pressure and Its Relation to Ocular Geometry: Results From the Gutenberg Health Study. , 2022, 63, 40.		8
26	<sc>l</sc>â€œCitrulline ameliorates pathophysiology in a rat model of superimposed preeclampsia. British Journal of Pharmacology, 2022, 179, 3007-3023.	2.7	10
27	Reduced Aircraft Noise Pollution During COVID-19 Lockdown Is Beneficial to Public Cardiovascular Health: a Perspective on the Reduction of Transportation-Associated Pollution. Hypertension, 2022, 79, 335-337.	1.3	6
28	Renin, aldosterone, the aldosterone-to-renin ratio, and incident hypertension among normotensive subjects from the general population. Cardiovascular Research, 2022, , .	1.8	1
29	Percutaneous coronary intervention for chronic total occlusion in octogenarians: a propensity score study. Scientific Reports, 2022, 12, 3073.	1.6	1
30	Pulmonary Embolism and Pregnancyâ€”Challenges in Diagnostic and Therapeutic Decisions in High-Risk Patients. Frontiers in Cardiovascular Medicine, 2022, 9, 856594.	1.1	6
31	Mechanistic Insights into Inorganic Nitrite-Mediated Vasodilation of Isolated Aortic Rings under Oxidative/Hypertensive Conditions and S-Nitros(yl)ation of Proteins in Germ-Free Mice. Biomedicines, 2022, 10, 730.	1.4	1
32	Short and Concise Peer-to-Peer Teachingâ€”Example of a Successful Antibiotic Stewardship Intervention to Increase lv to Po Conversion. Antibiotics, 2022, 11, 402.	1.5	0
33	Quantitative Flow Ratio or Angiography for the Assessment of Non-culprit Lesions in Acute Coronary Syndromes: Protocol of the Randomized Trial QUOMODO. Frontiers in Cardiovascular Medicine, 2022, 9, 815434.	1.1	6
34	Does social support prevent suicidal ideation in women and men? Gender-sensitive analyses of an important protective factor within prospective community cohorts. Journal of Affective Disorders, 2022, 306, 157-166.	2.0	15
35	Exposure to transportation noise and risk for cardiovascular disease in a nationwide cohort study from Denmark. Environmental Research, 2022, 211, 113106.	3.7	29
36	Five-Year Cumulative Incidence and Progression of Myopic Maculopathy in a German Population. Ophthalmology, 2022, 129, 562-570.	2.5	5

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37	The COVID-19 pandemic as a starting point to accelerate improvements in health in our cities through better urban and transport planning. <i>Environmental Science and Pollution Research</i> , 2022, 29, 16783-16785.	2.7	4
38	Rationale and design of the effects of EMPagliflozin on left ventricular DIAstolic function in diabetes (EmDia) study. <i>Journal of Cardiovascular Medicine</i> , 2022, 23, 191-197.	0.6	1
39	The manual of cardiovascular medicine, Oxford University Press 2022: just a pocket guide but â€”all inclusiveâ€™. <i>European Heart Journal</i> , 2022, 43, 2720-2721.	1.0	1
40	Obesity and Its Impact on Adverse In-Hospital Outcomes in Hospitalized Patients With COVID-19. <i>Frontiers in Endocrinology</i> , 2022, 13, 876028.	1.5	11
41	Differential Inhibition of Platelet Reactivity by Dual Therapy With Aspirin and Low-Dose Rivaroxaban in Peripheral Arterial Disease: A Pilot Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	5
42	Epicutaneous Application of Imiquimod to Model Psoriasis-Like Skin Disease Induces Water-Saving Aestivation Motifs and Vascular Inflammation. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3117-3120.e2.	0.3	4
43	Atherosclerosis and Its Impact on the Outcomes of Patients with Deep Venous Thrombosis. <i>Life</i> , 2022, 12, 734.	1.1	1
44	Cerebral consequences of environmental noise exposure. <i>Environment International</i> , 2022, 165, 107306.	4.8	26
45	Protective actions of nuclear factor erythroid 2-related factor 2 (NRF2) and downstream pathways against environmental stressors. <i>Free Radical Biology and Medicine</i> , 2022, 187, 72-91.	1.3	28
46	Measurement of Tetrahydrobiopterin in Animal Tissue Samples by HPLC with Electrochemical Detectionâ€”Protocol Optimization and Pitfalls. <i>Antioxidants</i> , 2022, 11, 1182.	2.2	3
47	Intramyocardial Inflammation after COVID-19 Vaccination: An Endomyocardial Biopsy-Proven Case Series. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6940.	1.8	34
48	EPCR-PAR1 biased signaling regulates perfusion recovery and neovascularization in peripheral ischemia. <i>JCI Insight</i> , 2022, 7, .	2.3	3
49	Endothelial dysfunction: basis for many local and systemic conditions. , 2022, , 313-326.		0
50	Relationships between coagulation factors and thrombin generation in a general population with arterial and venous disease background. <i>Thrombosis Journal</i> , 2022, 20, .	0.9	2
51	The association of smoking and smoking cessation with prevalent and incident symptoms of depression, anxiety, and sleep disturbance in the general population. <i>Journal of Affective Disorders</i> , 2022, 313, 100-109.	2.0	11
52	Rationale, design and baseline characteristics of the MyoVasc study: A prospective cohort study investigating development and progression of heart failure. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1009-1018.	0.8	10
53	Frequency of stressful life events and associations with mental health and general subjective health in the general population. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2021, 29, 1071-1080.	0.8	16
54	Temporal trends and predictors of inhospital death in patients hospitalised for heart failure in Germany. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 990-997.	0.8	12

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55	Midregional pro atrial natriuretic peptide: a novel important biomarker for noise annoyance-induced cardiovascular morbidity and mortality?. <i>Clinical Research in Cardiology</i> , 2021, 110, 29-39.	1.5	13
56	German chest pain unit registry: data review after the first decade of certification. <i>Herz</i> , 2021, 46, 24-32.	0.4	11
57	Quality benchmarks for chest pain units and stroke units in Germany. <i>Herz</i> , 2021, 46, 89-93.	0.4	2
58	Prevalence of pterygium and identification of associated factors in a German population – results from the Gutenberg Health Study. <i>Acta Ophthalmologica</i> , 2021, 99, e130-e131.	0.6	3
59	Nox2+ myeloid cells drive vascular inflammation and endothelial dysfunction in heart failure after myocardial infarction via angiotensin II receptor type 1. <i>Cardiovascular Research</i> , 2021, 117, 162-177.	1.8	28
60	Transportation noise and gestational diabetes mellitus: A nationwide cohort study from Denmark. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 231, 113652.	2.1	11
61	Predictors of short- and long-term outcomes of patients undergoing transcatheter mitral valve edge-to-edge repair. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E390-E401.	0.7	7
62	Epidemiologic Analysis of Asteroid Hyalosis and Associations: The Gutenberg Health Study. <i>Ophthalmology</i> , 2021, 128, 328-330.	2.5	3
63	Birth Weight and Diabetic Retinopathy: Results From the Population-Based Gutenberg Health Study (GHS). <i>Ophthalmic Epidemiology</i> , 2021, 28, 122-130.	0.8	6
64	Age-sex specific pulmonary embolism-related mortality in the USA and Canada, 2000–18: an analysis of the WHO Mortality Database and of the CDC Multiple Cause of Death database. <i>Lancet Respiratory Medicine</i> , 2021, 9, 33-42.	5.2	100
65	Computed tomography imaging needs for novel transcatheter tricuspid valve repair and replacement therapies. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 601-610.	0.5	25
66	Impact of diabetes mellitus on mortality rates and outcomes in myocardial infarction. <i>Diabetes and Metabolism</i> , 2021, 47, 101211.	1.4	24
67	The relationship of ocular geometry with refractive error in normal and low birth weight adults. <i>Journal of Optometry</i> , 2021, 14, 50-57.	0.7	9
68	Predictive value of the Kujjer score for bleeding and other adverse in-hospital events in patients with venous thromboembolism. <i>International Journal of Cardiology</i> , 2021, 329, 179-184.	0.8	5
69	The dark side of nocturnal light pollution. Outdoor light at night increases risk of coronary heart disease. <i>European Heart Journal</i> , 2021, 42, 831-834.	1.0	23
70	Incidence of Retinal Detachment in Germany: Results from the Gutenberg Health Study. <i>Ophthalmologica</i> , 2021, 244, 133-140.	1.0	13
71	Ambient Air Pollution and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 628-637.	1.1	64
72	Relation between Tissue Factor Pathway Inhibitor Activity and Cardiovascular Risk Factors and Diseases in a Large Population Sample. <i>Thrombosis and Haemostasis</i> , 2021, 121, 174-181.	1.8	5

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73	The impact of aircraft noise on vascular and cardiac function in relation to noise event number: a randomized trial. <i>Cardiovascular Research</i> , 2021, 117, 1382-1390.	1.8	25
74	Cost saving analysis of specialized, eHealth-based management of patients receiving oral anticoagulation therapy: Results from the thrombEVAL study. <i>Scientific Reports</i> , 2021, 11, 2577.	1.6	4
75	Effect of tea consumption on oxidative stress and expression of DNA repair genes among metal press workers exposed to occupational noise. <i>Toxicology Research</i> , 2021, 10, 134-140.	0.9	3
76	The Revolution in Heart Valve Therapy: Focus on Novel Imaging Techniques in Intra-Procedural Guidance. <i>Structural Heart</i> , 2021, 5, 140-150.	0.2	5
77	Management of Pulmonary Embolism: Results from the German Chest Pain Unit Registry. <i>Cardiology</i> , 2021, 146, 304-310.	0.6	3
78	Inflammation predicts new onset of depression in men, but not in women within a prospective, representative community cohort. <i>Scientific Reports</i> , 2021, 11, 2271.	1.6	23
79	Concomitant tricuspid regurgitation severity and its secondary reduction determine long-term prognosis after transcatheter mitral valve edge-to-edge repair. <i>Clinical Research in Cardiology</i> , 2021, 110, 676-688.	1.5	24
80	<i>Aestivation</i> motifs explain hypertension and muscle mass loss in mice with psoriatic skin barrier defect. <i>Acta Physiologica</i> , 2021, 232, e13628.	1.8	39
81	Accelerated Aging and Age-Related Diseases (CVD and Neurological) Due to Air Pollution and Traffic Noise Exposure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2419.	1.8	33
82	Risk factors, physical and mental health burden of male and female pathological gamblers in the German general population aged 40â€“80. <i>BMC Psychiatry</i> , 2021, 21, 123.	1.1	2
83	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.	1.4	8
84	Promotion of Arterial Stiffness by Childhood Cancer and Its Characteristics in Adult Longâ€“Term Survivors. <i>Journal of the American Heart Association</i> , 2021, 10, e015609.	1.6	8
85	Transportation noise and risk of stroke: a nationwide prospective cohort study covering Denmark. <i>International Journal of Epidemiology</i> , 2021, 50, 1147-1156.	0.9	24
86	Transportation noise pollution and cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2021, 18, 619-636.	6.1	208
87	ACE Inhibition Modulates Myeloid Hematopoiesis after Acute Myocardial Infarction and Reduces Cardiac and Vascular Inflammation in Ischemic Heart Failure. <i>Antioxidants</i> , 2021, 10, 396.	2.2	12
88	Time trends of pulmonary endarterectomy in patients with chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2021, 11, 1-9.	0.8	8
89	Association of Global Longitudinal Strain With Clinical Status and Mortality in Patients With Chronic Heart Failure. <i>JAMA Cardiology</i> , 2021, 6, 448.	3.0	23
90	Noise-Induced Vascular Dysfunction, Oxidative Stress, and Inflammation Are Improved by Pharmacological Modulation of the NRF2/HO-1 Axis. <i>Antioxidants</i> , 2021, 10, 625.	2.2	14

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91	Coronary Stent Strut Fractures: Classification, Prevalence and Clinical Associations. Journal of Clinical Medicine, 2021, 10, 1765.	1.0	5
92	Ablation of lysozyme M-positive cells prevents aircraft noise-induced vascular damage without improving cerebral side effects. Basic Research in Cardiology, 2021, 116, 31.	2.5	23
93	Running in polluted air is a two-edged sword " physical exercise in low air pollution areas is cardioprotective but detrimental for the heart in high air pollution areas. European Heart Journal, 2021, 42, 2498-2500.	1.0	13
94	Work-life conflict and cardiovascular health: 5-year follow-up of the Gutenberg Health Study. PLoS ONE, 2021, 16, e0251260.	1.1	5
95	Effects of Dietary Protein Intake on Cutaneous and Systemic Inflammation in Mice with Acute Experimental Psoriasis. Nutrients, 2021, 13, 1897.	1.7	2
96	Distribution of estimated glomerular filtration rate and determinants of its age dependent loss in a German population-based study. Scientific Reports, 2021, 11, 10165.	1.6	36
97	Detection of extracellular superoxide in isolated human immune cells and in an animal model of arterial hypertension using hydropropidine probe and HPLC analysis. Free Radical Biology and Medicine, 2021, 168, 214-225.	1.3	8
98	Protein expression profiling suggests relevance of noncanonical pathways in isolated pulmonary embolism. Blood, 2021, 137, 2681-2693.	0.6	11
99	Role of angiopoietin-2 in venous thrombus resolution and chronic thromboembolic disease. European Respiratory Journal, 2021, 58, 2004196.	3.1	14
100	Cigarette Smoking Is Related to Endothelial Dysfunction of Resistance, but Not Conduit Arteries in the General Population"Results From the Gutenberg Health Study. Frontiers in Cardiovascular Medicine, 2021, 8, 674622.	1.1	16
101	Heart healthy cities: genetics loads the gun but the environment pulls the trigger. European Heart Journal, 2021, 42, 2422-2438.	1.0	55
102	Centre procedural volume and adverse in-hospital outcomes in patients undergoing percutaneous transvenous edge-to-edge mitral valve repair using MitraClip® in Germany. European Journal of Heart Failure, 2021, 23, 1380-1389.	2.9	13
103	Bidimensional structure and measurement equivalence of the Patient Health Questionnaire-9: sex-sensitive assessment of depressive symptoms in three representative German cohort studies. BMC Psychiatry, 2021, 21, 238.	1.1	12
104	The impact of platelet indices on clinical outcome in heart failure: results from the MyoVasc study. ESC Heart Failure, 2021, 8, 2991-3001.	1.4	20
105	Takotsubo Syndrome: Impact of endothelial dysfunction and oxidative stress. Free Radical Biology and Medicine, 2021, 169, 216-223.	1.3	18
106	Total numbers and in-hospital mortality of patients with myocardial infarction in Germany during the FIFA soccer world cup 2014. Scientific Reports, 2021, 11, 11330.	1.6	3
107	Sex-Specific Relationship Between Parathyroid Hormone and Platelet Indices in Phenotypes of Heart Failure"Results From the MyoVasc Study. Frontiers in Cardiovascular Medicine, 2021, 8, 682521.	1.1	3
108	Predictors of scaffold failure and impact of optimized scaffold implantation technique on outcome: Results from the German-Austrian ABSORB RegIstRy. Catheterization and Cardiovascular Interventions, 2021, 98, E555-E563.	0.7	1

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109	Redox-related biomarkers in human cardiovascular disease - classical footprints and beyond. <i>Redox Biology</i> , 2021, 42, 101875.	3.9	59
110	Non-bacterial thrombotic endocarditis in a patient with pancreatic carcinoma. <i>Echocardiography</i> , 2021, 38, 1455-1458.	0.3	1
111	A targeted proteomics investigation of the obesity paradox in venous thromboembolism. <i>Blood Advances</i> , 2021, 5, 2909-2918.	2.5	3
112	A pathophysiological compass to personalize antianginal drug treatment. <i>Nature Reviews Cardiology</i> , 2021, 18, 838-852.	6.1	15
113	Long-Term Outcome with New Generation Prostheses in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of Clinical Medicine</i> , 2021, 10, 3102.	1.0	4
114	Pathogenic lipid-binding antiphospholipid antibodies are associated with severity of COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2335-2347.	1.9	27
115	GLP-1 Analog Liraglutide Improves Vascular Function in Polymicrobial Sepsis by Reduction of Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2021, 10, 1175.	2.2	18
116	Smoking and Neuropsychiatric Disease Associations and Underlying Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7272.	1.8	21
117	Five-year cumulative incidence and progression of age-related macular degeneration: results from the German population-based Gutenberg Health Study (GHS). <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, , 1.	1.0	3
118	Chronic venous insufficiency, cardiovascular disease, and mortality: a population study. <i>European Heart Journal</i> , 2021, 42, 4157-4165.	1.0	37
119	Effect of a strategy of comprehensive vasodilation versus usual care on health-related quality of life among patients with acute heart failure. <i>ESC Heart Failure</i> , 2021, 8, 4218-4227.	1.4	4
120	Disturbed Glucose Metabolism and Left Ventricular Geometry in the General Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 3851.	1.0	11
121	Regulation of NADPH Oxidase-Mediated Superoxide Production by Acetylation and Deacetylation. <i>Frontiers in Physiology</i> , 2021, 12, 693702.	1.3	2
122	Domains of Physical Activity in Relation to Stiffness Index in the General Population. <i>Journal of the American Heart Association</i> , 2021, 10, e020930.	1.6	5
123	Complications Following MitraClip Implantation. <i>Current Cardiology Reports</i> , 2021, 23, 131.	1.3	37
124	Impact of Mitral Annular Dilation on Edge-to-Edge Therapy With MitraClip-XTR. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010447.	1.4	10
125	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2021, 10, e014059.	1.6	18
126	Distribution of HOMA-IR in a population-based cohort and proposal for reference intervals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1844-1851.	1.4	14

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127	Refined atrial fibrillation screening and cost-effectiveness in the German population. <i>Heart</i> , 2021, , heartjnl-2020-318882.	1.2	5
128	Coronary In-Stent Restenosis: Predictors and Treatment. <i>Deutsches A&#x0308;rzteblatt International</i> , 2021, 118, 637-644.	0.6	24
129	Prevalence of corneal arcus and associated factors in a German populationâ€”Results from the Gutenberg Health Study. <i>PLoS ONE</i> , 2021, 16, e0255893.	1.1	0
130	Early switch to oral anticoagulation in patients with acute intermediate-risk pulmonary embolism (PEITHO-2): a multinational, multicentre, single-arm, phase 4 trial. <i>Lancet Haematology</i> , 2021, 8, e627-e636.	2.2	11
131	Psoriasis and its impact on the clinical outcome of patients with pulmonary embolism. <i>International Journal of Cardiology</i> , 2021, 343, 114-121.	0.8	4
132	Early symptomatic benefit indicates long-term prognosis after transcatheter mitral valve edge-to-edge repair in functional and degenerative etiology. <i>International Journal of Cardiology</i> , 2021, 344, 141-146.	0.8	2
133	Direct comparison of inorganic nitrite and nitrate on vascular dysfunction and oxidative damage in experimental arterial hypertension. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 113-114, 57-69.	1.2	11
134	Galectin-3 for prediction of cardiac function compared to NT-proBNP in individuals with prediabetes and type 2 diabetes mellitus. <i>Scientific Reports</i> , 2021, 11, 19012.	1.6	6
135	Heightened amygdalar activity mediates the cardiometabolic effects of transportation noise stress. <i>Psychoneuroendocrinology</i> , 2021, 131, 105347.	1.3	4
136	Aircraft noise exposure drives the activation of white blood cells and induces microvascular dysfunction in mice. <i>Redox Biology</i> , 2021, 46, 102063.	3.9	18
137	Doxorubicin induces wide-spread transcriptional changes in the myocardium of hearts distinguishing between mice with preserved and impaired cardiac function. <i>Life Sciences</i> , 2021, 284, 119879.	2.0	2
138	In-hospital outcomes of catheter-directed thrombolysis in patients with pulmonary embolism. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 258-264.	0.4	24
139	Noise and cardiovascular risk: nighttimeâ€”aircraft noise acutely triggers cardiovascular death. <i>European Heart Journal</i> , 2021, 42, 844-846.	1.0	15
140	In vivo analysis of noise dependent activation of white blood cells and microvascular dysfunction in mice. <i>MethodsX</i> , 2021, 8, 101540.	0.7	3
141	Disturbed Lipid Metabolism in Diabetic Patients with Manifest Coronary Artery Disease Is Associated with Enhanced Inflammation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10892.	1.2	2
142	Influenza and RSV incidence during COVID-19 pandemicâ€”an observational study from in-hospital point-of-care testing. <i>Medical Microbiology and Immunology</i> , 2021, 210, 277-282.	2.6	44
143	Diabetes Mellitus and Its Impact on Patient-Profile and In-Hospital Outcomes in Peripheral Artery Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 5033.	1.0	14
144	The Bioengineered Combo Dual-Therapy CD34 Antibody-Covered Sirolimus-Eluting Coronary Stent in Patients with Chronic Total Occlusion Evaluated by Clinical Outcome and Optical Coherence Tomography Imaging Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 80.	1.0	5

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145	Physical Activity in Polluted Air—Net Benefit or Harm to Cardiovascular Health? A Comprehensive Review. <i>Antioxidants</i> , 2021, 10, 1787.	2.2	8
146	Association of Birth Weight with Central and Peripheral Corneal Thickness in Adulthood—Results from the Population-Based German Gutenberg Health Study. <i>Children</i> , 2021, 8, 1006.	0.6	7
147	Survey of clinical practice pattern in Germany—TM's certified chest pain units. <i>Herz</i> , 2021, , 1.	0.4	2
148	Effectiveness of a Real-Time X-ray Dosimetry Monitor in Reducing Radiation Exposure in Coronary Procedures: The ESPRESSO-Raysafe Randomized Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 5350.	1.0	0
149	Right atrium size in the general population. <i>Scientific Reports</i> , 2021, 11, 22523.	1.6	5
150	Redox Switches in Noise-Induced Cardiovascular and Neuronal Dysregulation. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 784910.	1.6	12
151	Birth weight and its association with optic nerve head morphology — results from the population-based German Gutenberg Health Study. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	3
152	Risk Factors for Pulmonary Embolism in Patients with Paralysis and Deep Venous Thrombosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5412.	1.0	4
153	Association of Birth Weight With Foveolar Thickness in Adulthood: Results From a Population-Based Study. , 2021, 62, 9.		10
154	B Lymphocyte-Deficiency in Mice Causes Vascular Dysfunction by Inducing Neutrophilia. <i>Biomedicines</i> , 2021, 9, 1686.	1.4	4
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314	5-Year Experience of In-Hospital Outcomes After Percutaneous Left Atrial Appendage Closure in Germany. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1044-1052.	1.1	21
315	Identification of acute myocardial infarction in elderly patients using optimized highly sensitive troponin I thresholds. <i>Biomarkers</i> , 2019, 24, 549-555.	0.9	1
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317	Effect of Alirocumab on Mortality After Acute Coronary Syndromes. <i>Circulation</i> , 2019, 140, 103-112.	1.6	107
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319	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019, 40, 2142-2151.	1.0	79
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323	Noninvasive peripheral vascular function and atrial fibrillation in the general population. <i>Journal of Hypertension</i> , 2019, 37, 928-934.	0.3	11
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336	Left ventricular geometry and function in early repolarization: results from the population-based Gutenberg Health Study. <i>Clinical Research in Cardiology</i> , 2019, 108, 1107-1116.	1.5	11
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341	Association between medicated obstructive pulmonary disease, depression and subjective health: results from the population-based Gutenberg Health Study. <i>Scientific Reports</i> , 2019, 9, 20252.	1.6	11
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344	Low Birth Weight Is Linked to Age-Related Macular Degeneration: Results From the Population-Based Gutenberg Health Study (GHS). , 2019, 60, 4943.		15
345	Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2292.	3.8	85
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350	Antihypertensive Decapeptide From Cyanobacterium <i>Spirulina platensis</i> . <i>Hypertension</i> , 2019, 73, 291-293.	1.3	3
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353	New Therapeutic Implications of Endothelial Nitric Oxide Synthase (eNOS) Function/Dysfunction in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 187.	1.8	166
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358	Impact of symptomatic atherosclerosis in patients with pulmonary embolism. <i>International Journal of Cardiology</i> , 2019, 278, 225-231.	0.8	13
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362	Acute deep vein thrombosis suppresses peripheral T cell effector function. <i>British Journal of Haematology</i> , 2019, 184, 847-850.	1.2	5
363	Reparación mitral percutánea: abordaje combinado en procedimiento único. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 972-975.	0.6	3
364	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019, 4, .	2.3	15
365	The "exposome" concept " how environmental risk factors influence cardiovascular health. <i>Acta Biochimica Polonica</i> , 2019, 66, 269-283.	0.3	32
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367	The Cardiovascular Effects of Noise. <i>Deutsches A&#x0308;rztblatt International</i> , 2019, 116, 245-250.	0.6	44
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372	Clinical, Angiographic, and Procedural Correlates of Very Late Absorb Scaffold Thrombosis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 638-644.	1.1	20
373	Gender differences in bicycle exercise stress echocardiography testing. <i>Artery Research</i> , 2018, 22, 8.	0.3	0
374	Predictors of early scaffold thrombosis. <i>Coronary Artery Disease</i> , 2018, 29, 389-396.	0.3	6
375	Lack of T-bet reduces monocytic interleukin-12 formation and accelerates thrombus resolution in deep vein thrombosis. <i>Scientific Reports</i> , 2018, 8, 3013.	1.6	27
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377	Environmental Noise and the Cardiovascular System. <i>Journal of the American College of Cardiology</i> , 2018, 71, 688-697.	1.2	278
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381	The Adverse Effects of Environmental Noise Exposure on Oxidative Stress and Cardiovascular Risk. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 873-908.	2.5	148
382	Environmental Stressors and Their Impact on Health and Disease with Focus on Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 735-740.	2.5	97
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384	Annoyance to different noise sources is associated with atrial fibrillation in the Gutenberg Health Study. <i>International Journal of Cardiology</i> , 2018, 264, 79-84.	0.8	55
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386	Relations of Sex to Diagnosis and Outcomes in Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	28
387	Burden of cardiovascular risk factors and cardiovascular disease in childhood cancer survivors: data from the German CVSS-study. <i>European Heart Journal</i> , 2018, 39, 1555-1562.	1.0	79
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395	Editorial commentary: The air that I breathe...makes me sick!. <i>Trends in Cardiovascular Medicine</i> , 2018, 28, 127-129.	2.3	0
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400	The Endothelin Receptor Antagonist Macitentan Improves Isosorbide-5-Mononitrate (ISMN) and Isosorbide Dinitrate (ISDN) Induced Endothelial Dysfunction, Oxidative Stress, and Vascular Inflammation. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-17.	1.9	10
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410	The endothelial tumor suppressor p53 is essential for venous thrombus formation in aged mice. Blood Advances, 2018, 2, 1300-1314.	2.5	16
411	Prevalence of glaucoma in Germany: results from the Gutenberg Health Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1695-1702.	1.0	35
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417	Prevalence of depression and anxiety among participants with glaucoma in a population-based cohort study: The Gutenberg Health Study. <i>BMC Ophthalmology</i> , 2018, 18, 157.	0.6	41
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420	Therapeutic implications of a combined diagnostic workup including endomyocardial biopsy in an all-comer population of patients with heart failure: a retrospective analysis. <i>ESC Heart Failure</i> , 2018, 5, 630-641.	1.4	20
421	Three-years outcomes of diabetic patients treated with coronary bioresorbable scaffolds. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 92.	0.7	15
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425	Bioresorbable everolimus-eluting vascular scaffold for patients presenting with non ST-elevation-acute coronary syndrome: A three-years follow-up. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 3-8.	0.9	13
426	Effects of gaseous and solid constituents of air pollution on endothelial function. <i>European Heart Journal</i> , 2018, 39, 3543-3550.	1.0	263
427	Crucial role for Nox2 and sleep deprivation in aircraft noise-induced vascular and cerebral oxidative stress, inflammation, and gene regulation. <i>European Heart Journal</i> , 2018, 39, 3528-3539.	1.0	147
428	Role of endothelial and macrophage tetrahydrobiopterin in development and progression of atherosclerosis: BH4 puzzle solved?. <i>Cardiovascular Research</i> , 2018, 114, 1310-1312.	1.8	11
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430	Gender-differences in prevalence and outcome of ischemic stroke and promoting factors of atrial thrombi. <i>Artery Research</i> , 2018, 22, 68.	0.3	1
431	Characteristics and outcome of patients with complex coronary lesions treated with bioresorbable scaffolds: three-year follow-up in a cohort of consecutive patients. <i>EuroIntervention</i> , 2018, 14, e1011-e1019.	1.4	15
432	Abstract 147: The Role of Thrombin Generation in Cardiovascular Disease and Mortality - Results from the Population-based Gutenberg Health Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0

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436	Environmental stressors and cardio-metabolic disease: part I – epidemiologic evidence supporting a role for noise and air pollution and effects of mitigation strategies. <i>European Heart Journal</i> , 2017, 38, ehw269.	1.0	193
437	Environmental stressors and cardio-metabolic disease: part II – mechanistic insights. <i>European Heart Journal</i> , 2017, 38, ehw294.	1.0	209
438	Cardiac arrhythmias in patients with Danon disease. <i>Europace</i> , 2017, 19, euw215.	0.7	25
439	On versus off-hour care of patients with acute coronary syndrome and persistent ST-segment elevation in certified German chest pain units. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 3-9.	0.4	16
440	Gender-specific diagnostic performance of a new high-sensitivity cardiac troponin I assay for detection of acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 60-68.	0.4	11
441	Crosstalk of mitochondria with NADPH oxidase via reactive oxygen and nitrogen species signalling and its role for vascular function. <i>British Journal of Pharmacology</i> , 2017, 174, 1670-1689.	2.7	203
442	Targeting vascular (endothelial) dysfunction. <i>British Journal of Pharmacology</i> , 2017, 174, 1591-1619.	2.7	355
443	Comparison of transcatheter aortic valve implantation with the newest-generation Sapien 3 vs. Direct Flow Medical valve in a single center cohort. <i>International Journal of Cardiology</i> , 2017, 232, 186-191.	0.8	10
444	Redox regulation of cardiovascular inflammation – Immunomodulatory function of mitochondrial and Nox-derived reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , 2017, 109, 48-60.	1.3	114
445	First Evidence of Complete Resorption 4 Years After Bioresorbable Scaffold Implantation in the Setting of ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 200-202.	1.1	3
446	Mean Platelet Volume and Arterial Stiffness – Clinical Relationship and Common Genetic Variability. <i>Scientific Reports</i> , 2017, 7, 40229.	1.6	17
447	Both flow-mediated dilation and constriction are associated with changes in blood flow and shear stress: Two complementary perspectives on endothelial function. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 255-266.	0.9	16
448	Relations of Metabolically Healthy and Unhealthy Obesity to Digital Vascular Function in Three Community-Based Cohorts: A Meta-Analysis. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	32
449	Editor’s Choice-The organization of chest pain units: Position statement of the Acute Cardiovascular Care Association. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 203-211.	0.4	22
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452	Bioresorbable Everolimus-Eluting Vascular Scaffold for Long Coronary Lesions. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 560-568.	1.1	16
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693	Cardiovascular effects of nocturnal aircraft noise on healthy volunteers. <i>European Heart Journal</i> , 2013, 34, P2365-P2365.	1.0	0
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