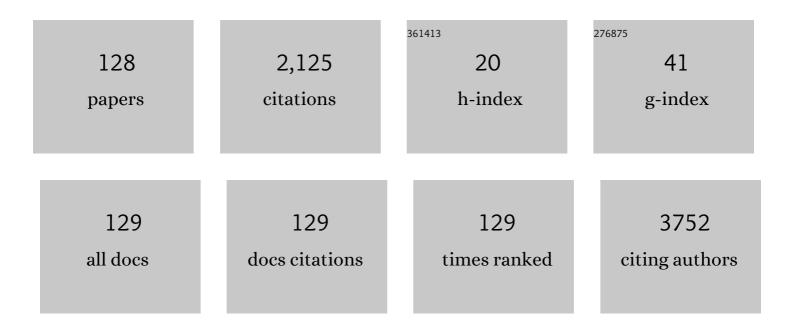
List of Publications by Year in descending order

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ALEKSANDDA CASECKA

#	Article	IF	CITATIONS
1	Methodological Guidelines to Study Extracellular Vesicles. Circulation Research, 2017, 120, 1632-1648.	4.5	728
2	Thrombotic Complications in Patients with COVID-19: Pathophysiological Mechanisms, Diagnosis, and Treatment. Cardiovascular Drugs and Therapy, 2021, 35, 215-229.	2.6	104
3	TMA, A Forgotten Uremic Toxin, but Not TMAO, Is Involved in Cardiovascular Pathology. Toxins, 2019, 11, 490.	3.4	81
4	Coagulopathy and sepsis: Pathophysiology, clinical manifestations and treatment. Blood Reviews, 2021, 50, 100864.	5.7	50
5	Ticagrelor – toward more efficient platelet inhibition and beyond. Therapeutics and Clinical Risk Management, 2018, Volume 14, 129-140.	2.0	47
6	Ticagrelor attenuates the increase of extracellular vesicle concentrations in plasma after acute myocardial infarction compared to clopidogrel. Journal of Thrombosis and Haemostasis, 2020, 18, 609-623.	3.8	46
7	Early Biomarkers of Neurodegenerative and Neurovascular Disorders in Diabetes. Journal of Clinical Medicine, 2020, 9, 2807.	2.4	45
8	Platelet extracellular vesicles as biomarkers for arterial thrombosis. Platelets, 2017, 28, 228-234.	2.3	44
9	Hollow organosilica beads as reference particles for optical detection of extracellular vesicles. Journal of Thrombosis and Haemostasis, 2018, 16, 1646-1655.	3.8	44
10	Neutrophil Counts, Neutrophil-to-Lymphocyte Ratio, and Systemic Inflammatory Response Index (SIRI) Predict Mortality after Off-Pump Coronary Artery Bypass Surgery. Cells, 2022, 11, 1124.	4.1	38
11	A systematic review and meta-analysis of effect of vitamin D levels on the incidence of COVID-19. Cardiology Journal, 2021, 28, 647-654.	1.2	37
12	Impact of diabetes mellitus on in-hospital mortality in adult patients with COVID-19: a systematic review and meta-analysis. Acta Diabetologica, 2021, 58, 1101-1110.	2.5	35
13	The Influence of COVID-19 on Out-Hospital Cardiac Arrest Survival Outcomes: An Updated Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 5573.	2.4	34
14	Role of Epicardial Adipose Tissue in Cardiovascular Diseases: A Review. Biology, 2022, 11, 355.	2.8	32
15	Effect of Coronary Artery Disease on COVID-19—Prognosis and Risk Assessment: A Systematic Review and Meta-Analysis. Biology, 2022, 11, 221.	2.8	27
16	Post-COVID-19 heart syndrome. Cardiology Journal, 2021, 28, 353-354.	1.2	26
17	MicroRNA as Potential Biomarkers of Platelet Function on Antiplatelet Therapy: A Review. Frontiers in Physiology, 2021, 12, 652579.	2.8	25
18	P2Y12 antagonist ticagrelor inhibits the release of procoagulant extracellular vesicles from activated platelets. Cardiology Journal, 2020, 26, 782-789.	1.2	25

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19	Platelet-Derived Extracellular Vesicles. , 2019, , 401-416.		24
20	The Importance of Non-Coding RNAs in Neurodegenerative Processes of Diabetes-Related Molecular Pathways. Journal of Clinical Medicine, 2021, 10, 9.	2.4	24
21	Role of P2Y Receptors in Platelet Extracellular Vesicle Release. International Journal of Molecular Sciences, 2020, 21, 6065.	4.1	21
22	Cell-derived microvesicles in cardiovascular diseases and antiplatelet therapy monitoring — A lesson for future trials? Current evidence, recent progresses and perspectives of clinical application. International Journal of Cardiology, 2017, 226, 93-102.	1.7	20
23	LDL-Cholesterol and Platelets: Insights into Their Interactions in Atherosclerosis. Life, 2021, 11, 39.	2.4	20
24	Should we supplement zinc in COVID-19 patients? Evidence from meta-analysis. Polish Archives of Internal Medicine, 2021, 131, 802-807.	0.4	20
25	Prostacyclin Analogues Inhibit Platelet Reactivity, Extracellular Vesicle Release and Thrombus Formation in Patients with Pulmonary Arterial Hypertension. Journal of Clinical Medicine, 2021, 10, 1024.	2.4	19
26	Randomized controlled trial protocol to investigate the antiplatelet therapy effect on extracellular vesicles (AFFECT EV) in acute myocardial infarction. Platelets, 2020, 31, 26-32.	2.3	18
27	Impaired microcirculation function in COVID-19 and implications for potential therapies. Cardiology Journal, 2020, 27, 485-488.	1.2	18
28	Impact of Coronavirus Disease 2019 on Out-of-Hospital Cardiac Arrest Survival Rate: A Systematic Review with Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 1209.	2.4	16
29	MiR-126 Is an Independent Predictor of Long-Term All-Cause Mortality in Patients with Type 2 Diabetes Mellitus. Journal of Clinical Medicine, 2021, 10, 2371.	2.4	16
30	Infections as Novel Risk Factors of Atherosclerotic Cardiovascular Diseases: Pathophysiological Links and Therapeutic Implications. Journal of Clinical Medicine, 2021, 10, 2539.	2.4	16
31	A Risk Score for Predicting Long-Term Mortality Following Off-Pump Coronary Artery Bypass Grafting. Journal of Clinical Medicine, 2021, 10, 3032.	2.4	16
32	Outcomes and mortality associated with atrial arrhythmias among patients hospitalized with COVID-19: A systematic review and meta-analysis. Cardiology Journal, 2022, 29, 33-43.	1.2	16
33	Efficacy and Safety of Tranexamic Acid in Emergency Trauma: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 1030.	2.4	15
34	Inclisiran—Silencing the Cholesterol, Speaking up the Prognosis. Journal of Clinical Medicine, 2021, 10, 2467.	2.4	14
35	Safety and Efficacy of DOACs in Patients with Advanced and End-Stage Renal Disease. International Journal of Environmental Research and Public Health, 2022, 19, 1436.	2.6	14
36	Outcomes of audio-instructed and video-instructed dispatcher-assisted cardiopulmonary resuscitation: a systematic review and meta-analysis. Annals of Medicine, 2022, 54, 464-471.	3.8	13

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37	Extracellular vesicles in post-infarct ventricular remodelling. Kardiologia Polska, 2018, 76, 69-76.	0.6	12
38	EDTA stabilizes the concentration of platelet-derived extracellular vesicles during blood collection and handling. Platelets, 2022, 33, 764-771.	2.3	12
39	D-dimer levels predict COVID-19 severity and mortality. Kardiologia Polska, 2021, 79, 217-218.	0.6	11
40	Antiplatelet Effects of PCSK9 Inhibitors in Primary Hypercholesterolemia. Life, 2021, 11, 466.	2.4	11
41	Levosimendan improves the acute course of takotsubo syndrome: a pooled analysis. ESC Heart Failure, 2021, 8, 4360-4363.	3.1	11
42	Can prasugrel decrease the extent of periprocedural myocardial injury during elective PCI?. Polish Archives of Internal Medicine, 2017, 127, 730-740.	0.4	11
43	Vitamin D supplementation to treat SARS-CoV-2 positive patients. Evidence from meta-analysis. Cardiology Journal, 2022, 29, 188-196.	1.2	11
44	Platelet–Leucocyte Aggregates as Novel Biomarkers in Cardiovascular Diseases. Biology, 2022, 11, 224.	2.8	11
45	Postoperative Neutrophil to Lymphocyte Ratio as an Overall Mortality Midterm Prognostic Factor following OPCAB Procedures. Clinics and Practice, 2021, 11, 587-597.	1.4	10
46	Atherosclerosis Pathways are Activated in Pericoronary Adipose Tissue of Patients with Coronary Artery Disease. Journal of Inflammation Research, 2021, Volume 14, 5419-5431.	3.5	10
47	Impact of COVID-19 on bystander cardiopulmonary resuscitation in out-of-hospital cardiac arrest: Is it as bad as we think?. Cardiology Journal, 2020, 27, 884-885.	1.2	9
48	Plasma Trimethylamine-N-Oxide Is an Independent Predictor of Long-Term Cardiovascular Mortality in Patients Undergoing Percutaneous Coronary Intervention for Acute Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2021, 8, 728724.	2.4	9
49	Switching between P2Y12 antagonists – From bench to bedside. Vascular Pharmacology, 2019, 115, 1-12.	2.1	8
50	Correlation between takotsubo cardiomyopathy and SARS-CoV-2 infection. Medical Hypotheses, 2021, 146, 110454.	1.5	8
51	Plasma Concentrations of Extracellular Vesicles Are Decreased in Patients with Post-Infarct Cardiac Remodelling. Biology, 2021, 10, 97.	2.8	8
52	Anticoagulation therapy in non-valvular atrial fibrillation in the COVID-19 era: is it time to reconsider our therapeutic strategy?. European Journal of Preventive Cardiology, 2022, 29, 2069-2071.	1.8	8
53	Evidence of diagnostic value of ferritin in patients with COVID-19. Cardiology Journal, 2020, 27, 886-887.	1.2	8
54	Milrinone or dobutamine in patients with heart failure: evidence from metaâ€analysis. ESC Heart Failure, 2022, 9, 2049-2050.	3.1	8

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55	Diagnostic Performance of Circulating miRNAs and Extracellular Vesicles in Acute Ischemic Stroke. International Journal of Molecular Sciences, 2022, 23, 4530.	4.1	8
56	Epicardial Adipose Tissue and Cardiovascular Risk Assessment in Ultra-Marathon Runners: A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 3136.	2.6	7
57	Characteristics and outcomes of in-hospital cardiac arrest in COVID-19. A systematic review and meta-analysis. Cardiology Journal, 2021, 28, 503-508.	1.2	7
58	Symmetric Dimethylarginine is Altered in Patients After Myocardial Infarction and Predicts Adverse Outcomes. Journal of Inflammation Research, 2021, Volume 14, 3797-3808.	3.5	7
59	Circulating microRNA in Heart Failure - Practical Guidebook to Clinical Application. Cardiology in Review, 2020, Publish Ahead of Print, 16-23.	1.4	6
60	Need to update cardiological guidelines to prevent COVID-19 related myocardial infarction and ischemic stroke. Cardiology Journal, 2022, 29, 174-175.	1.2	6
61	Circulating Blood-Based Biomarkers in Pulmonary Hypertension. Journal of Clinical Medicine, 2022, 11, 383.	2.4	6
62	Predictors and Biomarkers of Subclinical Leaflet Thrombosis after Transcatheter Aortic Valve Implantation. Journal of Clinical Medicine, 2020, 9, 3742.	2.4	5
63	Efficacy and safety of tranexamic acid in pediatric trauma patients: Evidence from meta-analysis. American Journal of Emergency Medicine, 2021, 49, 404-405.	1.6	5
64	Pleiotropic Effects of Acetylsalicylic Acid after Coronary Artery Bypass Grafting—Beyond Platelet Inhibition. Journal of Clinical Medicine, 2021, 10, 2317.	2.4	5
65	Comparison of intravascular access methods applied by nurses wearing personal protective equipment in simulated COVID-19 resuscitation: A randomized crossover simulation trial. American Journal of Emergency Medicine, 2021, 49, 189-194.	1.6	5
66	Dysregulations of miRNAs and galectin-3 may underlie left ventricular dilatation in patients with systolic heart failure. Kardiologia Polska, 2018, 76, 1012-1014.	0.6	5
67	Meta-analysis of chest compression-only versus conventional cardiopulmonary resuscitation by bystanders for adult with out-of-hospital cardiac arrest. Cardiology Journal, 2021, , .	1.2	5
68	Antiplatelet effects of prostacyclin analogues: Which one to choose in case of thrombosis or bleeding?. Cardiology Journal, 2021, 28, 954-961.	1.2	5
69	Efficacy and safety of levosimendan and dobutamine in heart failure: A systematic review and meta-analysis. Cardiology Journal, 2021, 28, 492-493.	1.2	4
70	Malignancy predicts shortâ€ŧerm mortality in Takotsubo: insights from a metaâ€∎nalysis of 125Â359 patients. ESC Heart Failure, 2021, 8, 4357-4359.	3.1	4
71	Pre-operative platelet reactivity is a strong, independent predictor of bleeding complications after branched endovascular thoracoabdominal aortic aneurysm repair. Platelets, 2021, , 1-9.	2.3	4
72	Cardioprotective Effect of Low Level of LDL Cholesterol on Perioperative Myocardial Injury in Off-Pump Coronary Artery Bypass Grafting. Medicina (Lithuania), 2021, 57, 875.	2.0	4

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73	Chemokine C-C Motif Ligand 7 (CCL7), a Biomarker of Atherosclerosis, Is Associated with the Severity of Alopecia Areata: A Preliminary Study. Journal of Clinical Medicine, 2021, 10, 5418.	2.4	4
74	Impact of COVID-19 on in-hospital cardiac arrest outcomes: An updated meta-analysis. Cardiology Journal, 2021, 28, 816-824.	1.2	4
75	Diagnostic and Prognostic Value of miRNAs after Coronary Artery Bypass Grafting: A Review. Biology, 2021, 10, 1350.	2.8	4
76	Inflammatory state does not affect the antiplatelet efficacy of potent P2Y12 inhibitors in ACS. Platelets, 2021, 32, 498-506.	2.3	3
77	Diagnostic performance of point-of-use ultrasound of resuscitation outcomes: A systematic review and meta-analysis of 3265 patients. Cardiology Journal, 2023, 30, 237-246.	1.2	3
78	Statins in COVID-19 Therapy. Life, 2021, 11, 565.	2.4	3
79	Expression of versican mRNA transcript to predict cardiac remodelling after myocardial infarction. Kardiologia Polska, 2021, 79, 833-840.	0.6	3
80	How to Maintain Safety and Maximize the Efficacy of Cardiopulmonary Resuscitation in COVID-19 Patients: Insights from the Recent Guidelines. Journal of Clinical Medicine, 2021, 10, 5667.	2.4	3
81	Patients with alopecia areata are at risk of endothelial dysfunction: results of a case–control study. Clinical and Experimental Dermatology, 2022, 47, 1517-1522.	1.3	3
82	Performance of Copeptin for Early Diagnosis of Acute Coronary Syndromes: A Systematic Review and Meta-Analysis of 14,139 Patients. Journal of Cardiovascular Development and Disease, 2022, 9, 6.	1.6	3
83	Monocyte-to-Lymphocyte Ratio as a Predictor of Worse Long-Term Survival after Off-Pump Surgical Revascularization-Initial Report. Medicina (Lithuania), 2021, 57, 1324.	2.0	3
84	Efficacy and safety of ticagrelor use in pre-hospital setting. American Journal of Emergency Medicine, 2021, 52, 265-265.	1.6	2
85	Levosimendan or dobutamine in patients with low cardiac output syndrome: Results from meta-analysis. International Journal of Cardiology, 2021, 333, 145.	1.7	2
86	Macroscopic role of microparticles in cardiovascular disease. Polski Merkuriusz Lekarski, 2020, 49, 255-259.	0.3	2
87	Prostacyclin analogues decrease platelet aggregation but have no effect on thrombin generation, fibrin clot structure, and fibrinolysis in pulmonary arterial hypertension: PAPAYA coagulation. Platelets, 2022, 33, 1065-1074.	2.3	2
88	Efficacy and Safety of Zero-Fluoroscopy Approach during Catheter Ablation of Accessory Pathway. Journal of Clinical Medicine, 2022, 11, 1814.	2.4	2
89	Statins and the risk of pancreatic cancer: A systematic review and meta-analysis of 2,797,186 patients. Cardiology Journal, 2022, , .	1.2	2
90	Association Between the Expression of MicroRNA-125b and Survival in Patients With Acute Coronary Syndrome and Coronary Multivessel Disease. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	2

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91	Cardiac Stress in High-Risk Patients Undergoing Major Endovascular Surgery—Focus on Diastolic Function. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 35, 2345-2354.	1.3	1
92	Hybrid treatment of massive pulmonary embolism by catheter-directed and surgical embolectomy. Postepy W Kardiologii Interwencyjnej, 2021, 17, 236-238.	0.2	1
93	Tirofiban in emergency conditions. American Journal of Emergency Medicine, 2022, 51, 422-423.	1.6	1
94	Adverse reactions of COVID-19 vaccination: where do they come from?. Disaster and Emergency Medicine Journal, 2021, 6, 48-49.	0.4	1
95	latrogenic pulmonary embolism with cyanoacrylate: to remove or to leave?. Kardiologia Polska, 2021, 79, 706-707.	0.6	1
96	AÂroutine intervention in aÂhighly unusual vessel. Netherlands Heart Journal, 2021, , 1.	0.8	1
97	Simultaneous valve-in-valve procedure and life-saving coronary angioplasty in a patient with low coronary artery ostia. Postepy W Kardiologii Interwencyjnej, 2021, 17, 234-235.	0.2	1
98	Acute coronary syndrome due to extrinsic left main compression. Kardiologia Polska, 2021, 79, 1034-1035.	0.6	1
99	Ten-year experience with transcatheter aortic valve implantation in bicuspid aortic valve: lessons learned and future perspectives. Postepy W Kardiologii Interwencyjnej, 2021, 17, 251-258.	0.2	1
100	Atherosclerosis Pathways are Activated in Pericoronary Adipose Tissue of Patients with Coronary Artery Disease. Journal of Inflammation Research, 2021, 14, 5419-5431.	3.5	1
101	Diagnostic challenges to determine the cause of pulmonary hypertension in a patient with heart failure with preserved ejection fraction and borderline pulmonary artery wedge pressure. Kardiologia Polska, 2022, 80, 222-223.	0.6	1
102	Health-related quality of life increases after first-time acute myocardial infarction: A population-based study. Zdravstveno Varstvo, 2022, 61, 24-31.	0.9	1
103	Impact of COVID-19 on pediatric out-of-hospital cardiac arrest in the Masovian region. Disaster and Emergency Medicine Journal, 2021, 6, 183-185.	0.4	1
104	257Ticagrelor decreases concentrations of prothrombotic extracellular vesicles compared to clopidogrel. European Heart Journal, 2019, 40, .	2.2	0
105	A dancing balloon in the right atrium - A rare presentation of MSSA cardiac device related infected endocarditis. Clinical Microbiology and Infection, 2020, 26, 1044-1045.	6.0	0
106	Copeptin level differentiates takotsubo cardiomyopathy from acute myocardial infarction. Biomarkers, 2021, 26, 75-76.	1.9	0
107	Why epinephrine should not always be used in pediatric cardiac arrest?. Kardiologia Polska, 2021, 79, 220-221.	0.6	0
108	Efficacy of Targeted Temperature Management after Pediatric Cardiac Arrest: A Meta-Analysis of 2002 Patients. Journal of Clinical Medicine, 2021, 10, 1389.	2.4	0

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109	Efficacy and safety of prasugrel and clopidogrel in st-segment elevation myocardial infarction in prehospital setting. American Journal of Emergency Medicine, 2022, 53, 254-255.	1.6	0
110	Place of tranexamic acid in modern medicine. Disaster and Emergency Medicine Journal, 2021, 6, 85-89.	0.4	0
111	Challenging multivessel percutaneous coronary intervention supported with Impella 2.5 ventricular assist device. Disaster and Emergency Medicine Journal, 2021, 6, 90-93.	0.4	0
112	Optimal fluoroscopic viewing angles for stenting of the coronary aorto-ostial lesions. Cardiology Journal, 2021, , .	1.2	0
113	Safety and efficacy of clopidogrel versus ticagrelor in acute coronary syndrome in the prehospital setting. American Journal of Emergency Medicine, 2022, 56, 351-352.	1.6	0
114	A successful transcatheter aortic valve implantation in an extremely tortuous S-shaped aorta due to chest deformation. Cardiology Journal, 2021, 28, 790-791.	1.2	0
115	Outcomes associated with lidocaine and amiodarone administration in pediatric in-hospital cardiac arrest. Cardiology Journal, 2021, 28, 783-785.	1.2	0
116	Challenging two-staged percutaneous coronary intervention in multivessel coronary artery disease with a high SYNTAX score: feasible, yet complicated. Archives of Medical Sciences Atherosclerotic Diseases, 2021, 6, 120-122.	1.0	0
117	Increased symmetric dimethyl-arginine is a predictor factor of decreased platelet reactivity and increased bleeding risk in patients with acute coronary syndrome. European Heart Journal, 2021, 42, .	2.2	0
118	MicroRNA-223 might be a predictive biomarker for major adverse cardiovascular events prognosis in patients undergoing transcatheter aortic valve implantation procedure. European Heart Journal, 2021, 42, .	2.2	0
119	Valve-in-valve procedure after CoreValve pop-out. Postepy W Kardiologii Interwencyjnej, 2021, 17, 324-326.	0.2	0
120	Increased Let-7e expression is associated with long-term all-cause mortality and antiplatelet treatment in patients with type 2 diabetes mellitus. European Heart Journal, 2021, 42, .	2.2	0
121	Stent-graft and double-guiding catheter technique to rescue iatrogenic coronary perforation. Archives of Medical Science, 2021, 17, 1800-1803.	0.9	0
122	latrogenic subclavian artery puncture repair with Angio-Seal deployment and balloon occlusion. Postepy W Kardiologii Interwencyjnej, 2021, 17, 330-331.	0.2	0
123	MicroRNAs as disease specific diagnostic biomarkers for neoplastic aetiology-related and inflammatory-related pericardial fluid effusion. European Heart Journal, 2021, 42, .	2.2	0
124	High concentration of symmetric dimethylarginine is associated with low platelet reactivity and increased bleeding risk in patients with acute coronary syndrome. Thrombosis Research, 2022, 213, 195-202.	1.7	0
125	Percutaneous removal of a catheter fragment from the right atrium. Cardiology Journal, 2021, 28, 997-998.	1.2	0
126	Tranexamic acid use in emergency medicine. Disaster and Emergency Medicine Journal, 2022, 7, 47-51.	0.4	0

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127	Percutaneous management of left ventricular assist device outflow graft obstruction. EuroIntervention, 2022, 18, e353-e354.	3.2	Ο
128	Trimethylamine-N-oxide (TMAO) versus echocardiographic, biochemical and histopathological indices of heart failure in patients with severe aortic stenosis: Rationale and design of the prospective, observational TASTE study. Cardiology Journal, 2022, , .	1.2	0