

Pawel Gac

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

589
citations

13
h-index

19
g-index

131
ext. papers

822
ext. citations

3.4
avg. IF

3.95
L-index

#	Paper	IF	Citations
101	A Single Coronary Artery Originating from the Right Coronary Sinus with a Typical Course of the Right Coronary Artery and the Interarterial Course of the Left Main, Left Anterior Descending, and Left Circumflex as an Example of a Rare Case of High-Risk Coronary Anomaly.. <i>Diagnostics</i> , 2022 , 12,	3.8	0
100	Renalase-A new understanding of its enzymatic and non-enzymatic activity and its implications for future research. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022 , 49, 3-9	3	0
99	Coexistence of cardiovascular risk factors and obstructive sleep apnoea in polysomnography. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 295, 103782	2.8	0
98	The Importance of Cardiac Computed Tomography in the Diagnosis of Caseous Calcification of the Mitral Annulus-Case Reports.. <i>Diagnostics</i> , 2022 , 12,	3.8	
97	The effect of continuous positive airway pressure and mandibular advancement device on sleep bruxism intensity in obstructive sleep apnea patients.. <i>Chronic Respiratory Disease</i> , 2022 , 19, 14799731211052301	3.8	1
96	Telemetric Assessment of Continuous Positive Airways Pressure (CPAP) Effectiveness and Adherence in Obstructive Sleep Apnea during COVID-19 Pandemic. <i>Biomedicines</i> , 2022 , 10, 1011	4.8	
95	Madelung Disease as an Example of a Metabolic Disease Associated with Alcohol Abuse-Diagnostic Importance of Computed Tomography.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	0
94	Optimization of the method of measuring left ventricular end-diastolic diameter in cardiac magnetic resonance as a predictor of left ventricular enlargement.. <i>Scientific Reports</i> , 2022 , 12, 8425	4.9	
93	Polysomnographic Evaluation of Sleep Bruxism Intensity and Sleep Architecture in Nonapneic Hypertensives: A Prospective, Observational Study. <i>Journal of Clinical Medicine</i> , 2022 , 11, 3113	5.1	
92	Eagle Syndrome as a Cause of Discomfort and the Subjective Presence of a Foreign Body in the Throat. <i>Diagnostics</i> , 2021 , 11,	3.8	0
91	Effect of Sleep Bruxism Intensity on Blood Pressure in Normotensives. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
90	The Relationship between Occupationally Exposed Arsenic, Cadmium and Lead and Brain Bioelectrical Activity-A Visual and Brainstem Auditory Evoked Potentials Study. <i>Brain Sciences</i> , 2021 , 11,	3.4	1
89	The impact of chronic co-exposure to different heavy metals on small fibers of peripheral nerves. A study of metal industry workers. <i>Journal of Occupational Medicine and Toxicology</i> , 2021 , 16, 12	2.7	4
88	Radiological Cardiothoracic Ratio in Evidence-Based Medicine. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	6
87	The COVID-19 pandemic, heart and cardiovascular diseases: What we have learned. <i>Dental and Medical Problems</i> , 2021 , 58, 219-227	1.6	1
86	Tobacco and Nervous System Development and Function-New Findings 2015-2020. <i>Brain Sciences</i> , 2021 , 11,	3.4	7
85	Occupational Brachial Artery Injury by a Foreign Body with Subsequent Soft Tissue Hematoma Superinfection. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	

84	Selected clinical parameters and changes in cardiac morphology and function assessed by magnetic resonance imaging in patients with rheumatoid arthritis and ankylosing spondylitis without clinically apparent heart disease. <i>Clinical Rheumatology</i> , 2021 , 40, 4701-4711	3.9	0
83	Cardiac and vascular disorders as para-occupational diseases - a Polish perspective. <i>Annals of Agricultural and Environmental Medicine</i> , 2021 , 28, 231-236	1.4	0
82	Aortic Valve Calcification Score in Patients with Arterial Hypertension Environmentally Exposed to Tobacco Smoke. <i>Cardiovascular Toxicology</i> , 2021 , 21, 869-879	3.4	
81	Renalase and hypertension-demographic and clinical correlates in obstructive sleep apnea. <i>Sleep and Breathing</i> , 2021 , 25, 669-675	3.1	1
80	The importance of selenium and zinc deficiency in cardiovascular disorders. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 82, 103553	5.8	12
79	Influence of age and gender on sleep bruxism and snoring in non-apneic snoring patients: A polysomnographic study. <i>Journal of Sleep Research</i> , 2021 , 30, e13178	5.8	4
78	Environmental Tobacco Smoke Exposure Estimated Using the SHSES Scale and Epicardial Adipose Tissue Thickness in Hypertensive Patients. <i>Cardiovascular Toxicology</i> , 2021 , 21, 79-87	3.4	1
77	Thickness of epicardial and pericoronary adipose tissue measured using 128-slice MSCT as predictors for risk of significant coronary artery diseases. <i>Irish Journal of Medical Science</i> , 2021 , 190, 555-566	1.9	0
76	Obstructive Sleep Apnea as a Risk Factor of Insulin Resistance in Nondiabetic Adults. <i>Life</i> , 2021 , 11,	3	1
75	Consecutive Controlled Case Series on Effectiveness of Opipramol in Severe Sleep Bruxism Management-Preliminary Study on New Therapeutic Path. <i>Brain Sciences</i> , 2021 , 11,	3.4	2
74	The Total Antioxidant Status, Serum Selenium Concentrations and the Ultrasound Assessment Carotid Intima Media Thickness in Patients with Arterial Hypertension. <i>Antioxidants</i> , 2021 , 10,	7.1	1
73	Left ventricular myocardial strain assessed by cardiac magnetic resonance feature tracking in patients with rheumatoid arthritis. <i>Insights Into Imaging</i> , 2021 , 12, 5	5.6	0
72	COVID-19 pathology imaging: A one-year perspective. <i>Dental and Medical Problems</i> , 2021 , 58, 377-384	1.6	1
71	The relationship between PNP, GSTO-1, AS3MT and ADRB3 gene polymorphisms and urinary arsenic concentration among copper smelter and refinery employers. <i>Human and Experimental Toxicology</i> , 2020 , 39, 1443-1453	3.4	1
70	Environmental Factors as Modulators of the Relationship between Obstructive Sleep Apnea and Lesions in the Circulatory System. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
69	Aortic-Diagonal Aneurysm as an Accidentally Detected Long-Term Consequence of CABG in a Patient Being Diagnosed Due to Dyspnoea. <i>Heart Lung and Circulation</i> , 2020 , 29, e260-e261	1.8	
68	The Relationship Between the Effectiveness of Blood Pressure Control and Telomerase Reverse Transcriptase Concentration, Adipose Tissue Hormone Concentration and Endothelium Function in Hypertensives. <i>Heart Lung and Circulation</i> , 2020 , 29, e200-e209	1.8	2
67	Total antioxidant status reduction conditioned by a serum selenium concentration decrease as a mechanism of the ultrasonographically measured brachial artery dilatation impairment in patients with arterial hypertension. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 75, 103332	5.8	2

66	Cardiovascular risk factors and the concentration of asymmetric dimethylarginine. <i>Advances in Clinical and Experimental Medicine</i> , 2020 , 29, 63-70	1.8	5
65	Multiple atrial septal defects with concomitant partial anomalous pulmonary venous return on cardiac computed tomography. <i>Kardiologia Polska</i> , 2020 , 78, 348-349	0.9	
64	Radiation dose and repeatability of aortic valve measurement by multidetector row computed tomography to assess eligibility for transcatheter aortic valve implantation. <i>Advances in Clinical and Experimental Medicine</i> , 2020 , 29, 983-992	1.8	
63	The Relationship between Simple Snoring and Sleep Bruxism: A Polysomnographic Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
62	Determination of Inflammatory Markers, Hormonal Disturbances, and Sleepiness Associated with Sleep Bruxism Among Adults. <i>Nature and Science of Sleep</i> , 2020 , 12, 969-979	3.6	7
61	The estimation of excessive daytime sleepiness in post-stroke patients - a polysomnographic study. <i>Respiratory Physiology and Neurobiology</i> , 2019 , 267, 1-5	2.8	2
60	Coexistence of obstructive sleep apnea and telomerase activity, concentration of selected adipose tissue hormones and vascular endothelial function in patients with arterial hypertension. <i>Respiratory Medicine</i> , 2019 , 153, 20-25	4.6	3
59	Evaluation of Relationship Between Sleep Bruxism and Headache Impact Test-6 (HIT-6) Scores: A Polysomnographic Study. <i>Frontiers in Neurology</i> , 2019 , 10, 487	4.1	9
58	The Relationship between Sleep Bruxism and Obstructive Sleep Apnea Based on Polysomnographic Findings. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	25
57	Obstructive Sleep Apnea as a Predictor of Abnormal Heart Rate Turbulence. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	11
56	The Relationship between Sleep Bruxism Intensity and Renalase Concentration-An Enzyme Involved in Hypertension Development. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	4
55	Obstructive sleep apnea as a predictor of reduced heart rate variability. <i>Sleep Medicine</i> , 2019 , 54, 8-15	4.6	15
54	Genetically determined enlargement of carotid body evaluated using computed angiotomography. <i>Respiratory Physiology and Neurobiology</i> , 2018 , 254, 10-15	2.8	2
53	The analysis of the parameters of 24-hr ECG Holter monitoring in patients with blood neoplasms undergoing high-dose chemotherapy and stem cell transplantation. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12534	1.5	3
52	Concentration of Thyrotropic Hormone in Persons Occupationally Exposed to Lead, Cadmium and Arsenic. <i>Biological Trace Element Research</i> , 2018 , 182, 196-203	4.5	14
51	Evaluation of the impact of treatment with hematopoietic stem cells transplantation (HSCT) on biochemical markers of heart function and novel electrocardiographic markers of repolarization in patients with hematological malignancies. <i>Medical Oncology</i> , 2018 , 35, 162	3.7	1
50	Evaluation of Intensity of Sleep Bruxism in Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	13
49	The cardiovascular health score and the volume of carotid body in computed tomography angiography in patients with arterial hypertension. <i>Journal of the American Society of Hypertension</i> , 2018 , 12, 551-560		1

48	Blood Selenium Concentration and Blood Cystatin C Concentration in a Randomly Selected Population of Healthy Children Environmentally Exposed to Lead and Cadmium. <i>Biological Trace Element Research</i> , 2017 , 175, 33-41	4.5	0
47	Exposure to Cigarette Smoke and the Morphology of Atherosclerotic Plaques in the Extracranial Arteries Assessed by Computed Tomography Angiography in Patients with Essential Hypertension. <i>Cardiovascular Toxicology</i> , 2017 , 17, 67-78	3.4	6
46	Genetic variability in the system of natriuretic B peptide and principal toxicological parameters in workers exposed to lead. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 49, 74-80	5.8	1
45	The influence of hypertension on daytime sleepiness in obstructive sleep apnea. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 295-302		14
44	Two cases of the bronchial carcinoid tumors successfully treated with the parenchymal-sparing bronchoplastic resections. <i>Journal of Thoracic Disease</i> , 2017 , 9, E669-E673	2.6	1
43	Exposure to Cigarette Smoke and the Carotid Arteries Calcification Index in Patients with Essential Hypertension. <i>Cardiovascular Toxicology</i> , 2017 , 17, 335-343	3.4	4
42	Influence of environmental tobacco smoke on morphology and functions of cardiovascular system assessed using diagnostic imaging. <i>Inhalation Toxicology</i> , 2017 , 29, 518-529	2.7	3
41	The risk of coronary artery disease estimated non-invasively in patients with essential hypertension environmentally exposed to cigarette smoke. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 56, 114-120	5.8	2
40	Endothelial Function in Patients with Hematologic Malignancies Undergoing High-Dose Chemotherapy Followed by Hematopoietic Stem Cell Transplantation. <i>Cardiovascular Toxicology</i> , 2016 , 16, 156-62	3.4	7
39	Echocardiographic evaluation of the early cardiotoxic effect of hematopoietic stem cell transplantation in patients with hematologic malignancies. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2119-25	1.9	1
38	Sensitivity and specificity of ECG-LVH indexes in the group of patients above 60 years old with arterial hypertension. <i>Family Medicine and Primary Care Review</i> , 2016 , 1, 29-32	0.6	
37	The volume of the carotid bodies and blood pressure variability and pulse pressure in patients with essential hypertension. <i>Clinical Radiology</i> , 2016 , 71, 616.e7-616.e13	2.9	2
36	Function of respiratory system evaluated using selected spirometry parameters in persons occupationally exposed to lead without evident health problems. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 1034-40	5.8	11
35	Volume of carotid bodies and cardiac autonomic function in patients with essential hypertension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 190, 26-32	2.4	6
34	Interaction between blood selenium concentration and a levels of oxidative stress and antioxidative capacity in healthy children. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 137-44	5.8	7
33	Left ventricular diastolic dysfunction and plasma asymmetric dimethylarginine concentration in persons with essential hypertension. <i>Archives of Medical Science</i> , 2015 , 11, 521-9	2.9	8
32	Primary cardiac lymphoma (PCL) - diagnostic difficulties. <i>Kardiochirurgia I Torakochirurgia Polska</i> , 2015 , 12, 266-8	0.3	3
31	Significance of external loop recorders (ELR) in diagnosis of disturbances in heart rhythm. <i>Family Medicine and Primary Care Review</i> , 2015 , 3, 193-196	0.6	1

30	The relationship between selected VDR, HFE and ALAD gene polymorphisms and several basic toxicological parameters among persons occupationally exposed to lead. <i>Toxicology</i> , 2015 , 334, 12-21	4.4	16
29	The aortic mechanical properties in patients with the essential hypertension environmentally exposed to cigaret smoke. <i>Inhalation Toxicology</i> , 2015 , 27, 717-23	2.7	9
28	The Quality of Imaging of the Carotid Body by the Standard Protocol for Computed Tomography Angiography of the Carotid Arteries. <i>Advances in Clinical and Experimental Medicine</i> , 2015 , 24, 1037-43	1.8	3
27	Effects of cigarette smoke on Holter ECG recordings in patients with arterial hypertension. Part 1: Time domain parameters of heart rate variability. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 404-13	5.8	8
26	Effects of cigarette smoke on Holter ECG recordings in patients with arterial hypertension. Part 2: Parameters of heart rate turbulence. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 600-7	5.8	3
25	An unusual cause of bilateral massive peripheral edema in a young male with type 1 diabetes mellitus. <i>Canadian Journal of Diabetes</i> , 2014 , 38, 302-4	2.1	
24	Heart rate variability and heart rate turbulence in patients with hematologic malignancies subjected to high-dose chemotherapy in the course of hematopoietic stem cell transplantation. <i>Annals of Noninvasive Electrocardiology</i> , 2014 , 19, 157-65	1.5	13
23	The relationship between environmental exposure to cadmium and lead and blood selenium concentration in randomly selected population of children inhabiting industrial regions of Silesian Voivodship (Poland). <i>Human and Experimental Toxicology</i> , 2014 , 33, 661-9	3.4	2
22	Absence of the entire infrahepatic inferior vena cava. <i>Vasa - European Journal of Vascular Medicine</i> , 2014 , 43, 73-7	1.9	1
21	Effect of environmental exposure to cigarette smoke on blood pressure in 24-hour ambulatory blood pressure monitoring in patients with essential hypertension. <i>Polish Archives of Internal Medicine</i> , 2014 , 124, 436-42	1.9	2
20	A 128-slice CT scanner helpful in localising coronary sinus ostium during CRT-D implantation - case report. <i>Polski Przegląd Radiologii I Medycyny Nuklearnej</i> , 2014 , 79, 9-11		
19	Echocardiographic assessment of myocardial function in workers occupationally exposed to lead without clinically evident heart disease. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 522-528	5.8	5
18	Modification in the imaging of the carotid body by means of the computed tomography angiography method [preliminary study.. <i>Polski Przegląd Radiologii I Medycyny Nuklearnej</i> , 2013 , 78, 67-68		1
17	Cranial dural arteriovenous fistula as a rare cause of tinnitus - case report. <i>Polski Przegląd Radiologii I Medycyny Nuklearnej</i> , 2013 , 78, 65-9		3
16	Giant cell arteriitis in critical bilateral lower limb ischemia. <i>Vasa - European Journal of Vascular Medicine</i> , 2013 , 42, 375-8	1.9	1
15	Assessment of cardiovascular risk in workers occupationally exposed to lead without clinical presentation of cardiac involvement. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 351-357	5.8	5
14	Blood selenium concentration in a selected population of children inhabiting industrial regions in Upper Silesia (Poland). <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 528-536	5.8	4
13	Left ventricular diastolic function in workers occupationally exposed to mercury vapour without clinical presentation of cardiac involvement. <i>Toxicology and Applied Pharmacology</i> , 2012 , 263, 368-73	4.6	2

12	Environmental and occupational exposure to lead as a potential risk factor for cardiovascular disease. <i>Environmental Toxicology and Pharmacology</i> , 2011 , 31, 267-77	5.8	51
11	Plasma asymmetric dimethylarginine predicts restenosis after coronary angioplasty. <i>Archives of Medical Science</i> , 2011 , 7, 444-8	2.9	8
10	Electrocardiographic changes in workers occupationally exposed to lead. <i>Annals of Noninvasive Electrocardiology</i> , 2011 , 16, 33-40	1.5	12
9	Relationship between occupational exposure to lead and local arterial stiffness and left ventricular diastolic function in individuals with arterial hypertension. <i>Toxicology and Applied Pharmacology</i> , 2011 , 254, 342-8	4.6	12
8	Relation between occupational exposure to lead, cadmium, arsenic and concentration of cystatin C. <i>Toxicology</i> , 2011 , 283, 88-95	4.4	22
7	Ambulatory blood pressure monitoring and structural changes in carotid arteries in normotensive workers occupationally exposed to lead. <i>Human and Experimental Toxicology</i> , 2011 , 30, 1174-80	3.4	11
6	Impaired endothelial function assessed by flow-mediated vasodilatation in workers occupationally exposed to lead. <i>Environmental Toxicology and Pharmacology</i> , 2010 , 29, 266-70	5.8	8
5	The relationship between occupational exposure to lead and manifestation of cardiovascular complications in persons with arterial hypertension. <i>Toxicology and Applied Pharmacology</i> , 2010 , 249, 41-6	4.6	18
4	Drinking of chokeberry juice from the ecological farm Dzieciolowo and distensibility of brachial artery in men with mild hypercholesterolemia. <i>Annals of Agricultural and Environmental Medicine</i> , 2009 , 16, 305-8	1.4	29
3	The influence of the call with a mobile phone on heart rate variability parameters in healthy volunteers. <i>Industrial Health</i> , 2008 , 46, 409-17	2.5	46
2	Life style and cardiovascular risk factors among students of Wroclaw postgraduate schools. <i>Polish Archives of Internal Medicine</i> , 2008 , 118, 102-110	1.9	3
1	Abnormal P wave Morphology in the Electrocardiogram of a Hurdle Runner with a History of Presyncope - A Case Report. <i>Medicina Sportiva</i> , 2008 , 12, 46-48		1