

# Jacek Baj

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,541  
citations

394421

19  
h-index

233421

45  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastric Cancer: Epidemiology, Risk Factors, Classification, Genomic Characteristics and Treatment Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4012.	4.1	639
2	Breast Cancerâ€”Epidemiology, Risk Factors, Classification, Prognostic Markers, and Current Treatment Strategiesâ€”An Updated Review. <i>Cancers</i> , 2021, 13, 4287.	3.7	441
3	COVID-19: Specific and Non-Specific Clinical Manifestations and Symptoms: The Current State of Knowledge. <i>Journal of Clinical Medicine</i> , 2020, 9, 1753.	2.4	280
4	<i>Helicobacter pylori</i> Virulence Factorsâ€”Mechanisms of Bacterial Pathogenicity in the Gastric Microenvironment. <i>Cells</i> , 2021, 10, 27.	4.1	159
5	Antioxidants: Classification, Natural Sources, Activity/Capacity Measurements, and Usefulness for the Synthesis of Nanoparticles. <i>Materials</i> , 2021, 14, 4135.	2.9	120
6	Mechanisms of the Epithelialâ€”Mesenchymal Transition and Tumor Microenvironment in <i>Helicobacter pylori</i> -Induced Gastric Cancer. <i>Cells</i> , 2020, 9, 1055.	4.1	103
7	Liver Steatosis, Gut-Liver Axis, Microbiome and Environmental Factors. A Never-Ending Bidirectional Cross-Talk. <i>Journal of Clinical Medicine</i> , 2020, 9, 2648.	2.4	93
8	Burn Wound Healing: Clinical Complications, Medical Care, Treatment, and Dressing Types: The Current State of Knowledge for Clinical Practice. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1338.	2.6	74
9	Serum iron, Magnesium, Copper, and Manganese Levels in Alcoholism: A Systematic Review. <i>Molecules</i> , 2019, 24, 1361.	3.8	57
10	Metformin as Potential Therapy for High-Grade Glioma. <i>Cancers</i> , 2020, 12, 210.	3.7	52
11	Magnesium, Calcium, Potassium, Sodium, Phosphorus, Selenium, Zinc, and Chromium Levels in Alcohol Use Disorder: A Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 1901.	2.4	49
12	<i>Helicobacter pylori</i> associated factors in the development of gastric cancer with special reference to the early-onset subtype. <i>Oncotarget</i> , 2018, 9, 31146-31162.	1.8	40
13	Autism spectrum disorder: Trace elements imbalances and the pathogenesis and severity of autistic symptoms. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 117-132.	6.1	40
14	Immunological Aspects of the Tumor Microenvironment and Epithelial-Mesenchymal Transition in Gastric Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2544.	4.1	34
15	<i>Helicobacter pylori</i> Infection and Extragastric Diseasesâ€”A Focus on the Central Nervous System. <i>Cells</i> , 2021, 10, 2191.	4.1	30
16	The Outbreak of SARS-CoV-2 Pandemic and the Well-Being of Polish Students: The Risk Factors of the Emotional Distress during COVID-19 Lockdown. <i>Journal of Clinical Medicine</i> , 2021, 10, 944.	2.4	27
17	Increased Aluminum Content in Certain Brain Structures is Correlated with Higher Silicon Concentration in Alcoholic Use Disorder. <i>Molecules</i> , 2019, 24, 1721.	3.8	26
18	Inhibition or Reversal of the Epithelial-Mesenchymal Transition in Gastric Cancer: Pharmacological Approaches. <i>International Journal of Molecular Sciences</i> , 2021, 22, 277.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Preoperative and Intraoperative Methods of Parathyroid Gland Localization and the Diagnosis of Parathyroid Adenomas. <i>Molecules</i> , 2020, 25, 1724.	3.8	25
20	COVID-19 in the autopsy room—requirements, safety, recommendations and pathological findings. <i>Forensic Science, Medicine, and Pathology</i> , 2021, 17, 101-113.	1.4	23
21	Alterations in the Nervous System and Gut Microbiota after I <sup>2</sup> -Hemolytic <i>Streptococcus</i> Group A Infection—Characteristics and Diagnostic Criteria of PANDAS Recognition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1476.	4.1	20
22	High-Throughput Sequencing of Gastric Cancer Patients: Unravelling Genetic Predispositions Towards an Early-Onset Subtype. <i>Cancers</i> , 2020, 12, 1981.	3.7	18
23	Biomarkers and Genetic Markers of Hepatocellular Carcinoma and Cholangiocarcinoma—What Do We Already Know. <i>Cancers</i> , 2022, 14, 1493.	3.7	16
24	Toxic and Nutritional Optic Neuropathies—An Updated Mini-Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3092.	2.6	15
25	Beyond the Mind—Serum Trace Element Levels in Schizophrenic Patients: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9566.	4.1	14
26	Essentiality of Trace Elements in Pregnancy, Fertility, and Gynecologic Cancers—A State-of-the-Art Review. <i>Nutrients</i> , 2022, 14, 185.	4.1	13
27	How Do Polish Students Manage Emotional Distress during the COVID-19 Lockdown? A Web-Based Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4964.	2.4	12
28	Protocols for Mitochondria as the Target of Pharmacological Therapy in the Context of Nonalcoholic Fatty Liver Disease (NAFLD). <i>Methods in Molecular Biology</i> , 2021, 2310, 201-246.	0.9	11
29	Viral Infections in Burn Patients: A State-Of-The-Art Review. <i>Viruses</i> , 2020, 12, 1315.	3.3	10
30	The Impact of SARS-CoV-2 Infection on Fertility and Female and Male Reproductive Systems. <i>Journal of Clinical Medicine</i> , 2021, 10, 4520.	2.4	9
31	Decreased Volume of Lateral and Medial Geniculate Nuclei in Patients with LHON Disease—7 Tesla MRI Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2914.	2.4	7
32	The Multi-Elemental Composition of the Aqueous Humor of Patients Undergoing Cataract Surgery, Suffering from Coexisting Diabetes, Hypertension, or Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9413.	4.1	7
33	The Involvement of Human Papilloma Virus in Gastrointestinal Cancers. <i>Cancers</i> , 2022, 14, 2607.	3.7	6
34	Sir Gordon Morgan Holmes (1876—1965): one of the founders of modern neurology. <i>Neurological Sciences</i> , 2018, 39, 169-171.	1.9	5
35	Determination of Cyanide in Blood for Forensic Toxicology Purposes—A Novel Nci Gc-Ms/Ms Technique. <i>Molecules</i> , 2021, 26, 5638.	3.8	5
36	Application of HPLC-QQQ-MS/MS and New RP-HPLC-DAD System Utilizing the Chaotropic Effect for Determination of Nicotine and Its Major Metabolites Cotinine, and trans-3- <sup>2</sup> -Hydroxycotinine in Human Plasma Samples. <i>Molecules</i> , 2022, 27, 682.	3.8	5

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37	Prediction of acute pancreatitis in the earliest stages – role of biochemical parameters and histopathological changes. <i>Polski Przegląd Chirurgicalny</i> , 2017, 89, 31-38.	0.4	4
38	ICP-MS Multi-Elemental Analysis of the Human Meninges Collected from Sudden Death Victims in South-Eastern Poland. <i>Molecules</i> , 2022, 27, 1911.	3.8	4
39	Can Neuropeptide S Be an Indicator for Assessing Anxiety in Psychiatric Disorders?. <i>Frontiers in Public Health</i> , 2022, 10, 872430.	2.7	4
40	How Does SARS-CoV-2 Affect Our Eyes – What Have We Learnt So Far about the Ophthalmic Manifestations of COVID-19?. <i>Journal of Clinical Medicine</i> , 2022, 11, 3379.	2.4	4
41	A Systematic Review of the Cyclooxygenase-2 (COX-2) Expression in Rectal Cancer Patients Treated with Preoperative Radiotherapy or Radiochemotherapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4443.	2.4	3
42	Chronic Alcohol Abuse Alters Hepatic Trace Element Concentrations-Metallomic Study of Hepatic Elemental Composition by Means of ICP-OES. <i>Nutrients</i> , 2022, 14, 546.	4.1	3
43	Multi-Elemental Analysis of Human Optic Chiasm – A New Perspective to Reveal the Pathomechanism of Nerve Fibers – Degeneration. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4420.	2.6	3
44	Hyperthermic Intraperitoneal Chemotherapy in the Management of Gastric Cancer: A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 681.	2.6	2
45	Oncoplastic Surgery and the Clinical Features of Breast Cancer – Relevant Factors Associated with Reoperation in Breast Oncoplastic Surgery. <i>Journal of Clinical Medicine</i> , 2022, 11, 817.	2.4	1
46	<i>Helicobacter pylori</i> cytotoxin-associated gene A virulence and its association with the epithelial-mesenchymal transition in gastric cancer. <i>Journal of Education, Health and Sport</i> , 2022, 12, 62-75.	0.1	1
47	Overtraining syndrome - what we already know. <i>Journal of Education, Health and Sport</i> , 2022, 12, 192-204.	0.1	1
48	Deoxycholic and Ursodeoxycholic Acid Differentially Impact Cellular Steatosis and Lipid Peroxidation in Cultured Hepatoma Cells. <i>The International Journal of Gastroenterology and Hepatology Diseases</i> , 2022, 1, .	0.2	0
49	Pedagogical methodologies and strategies used in anatomy education: a scoping review. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
50	Morphometric characteristics of neurons in the hippocampal CA1-CA4 fields of the American. <i>Medycyna Weterynaryjna</i> , 2016, 72, 704-708.	0.1	0
51	Role of biochemical parameters in predicting histopathological changes at 24 and 48 hours from acute pancreatitis induction. <i>Medycyna Weterynaryjna</i> , 2020, 75, 6168-2020.	0.1	0
52	Optic nerve neuropathies – causative factors, methods of diagnostics, current and future possibilities of treatment. <i>Journal of Education, Health and Sport</i> , 2022, 12, 44-61.	0.1	0
53	Medical Embryology and its Importance in the 21st Century Curriculum: A mini review. <i>Italian Journal of Anatomy and Embryology</i> , 2022, 125, 95-102.	0.1	0