

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	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
2	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
3	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- β -Hydroxycotinine in Human Plasma Samples. <i>Molecules</i> , 2022, 27, 682.	3.8	5
4	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
5	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
6	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
7	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
8	Biomarkers and Genetic Markers of Hepatocellular Carcinoma and Cholangiocarcinoma—What Do We Already Know. <i>Cancers</i> , 2022, 14, 1493.	3.7	16
9	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
10	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
11	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
12	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
13	<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
14	Can Neuropeptide S Be an Indicator for Assessing Anxiety in Psychiatric Disorders?. <i>Frontiers in Public Health</i> , 2022, 10, 872430.	2.7	4
15	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
16	The Involvement of Human Papilloma Virus in Gastrointestinal Cancers. <i>Cancers</i> , 2022, 14, 2607.	3.7	6
17	Overtraining syndrome - what we already know. <i>Journal of Education, Health and Sport</i> , 2022, 12, 192-204.	0.1	1
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Pedagogical methodologies and strategies used in anatomy education: a scoping review. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
21	Antioxidants: Classification, Natural Sources, Activity/Capacity Measurements, and Usefulness for the Synthesis of Nanoparticles. <i>Materials</i> , 2021, 14, 4135.	2.9	120
22	Breast Cancer—Epidemiology, Risk Factors, Classification, Prognostic Markers, and Current Treatment Strategies—An Updated Review. <i>Cancers</i> , 2021, 13, 4287.	3.7	441
23	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
24	<i>Helicobacter pylori</i> Infection and Extragastric Diseases—A Focus on the Central Nervous System. <i>Cells</i> , 2021, 10, 2191.	4.1	30
25	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
26	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
27	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
28	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
29	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
30	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
31	<i>Helicobacter pylori</i> Virulence Factors—Mechanisms of Bacterial Pathogenicity in the Gastric Microenvironment. <i>Cells</i> , 2021, 10, 27.	4.1	159
32	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
33	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
34	Viral Infections in Burn Patients: A State-Of-The-Art Review. <i>Viruses</i> , 2020, 12, 1315.	3.3	10
35	High-Throughput Sequencing of Gastric Cancer Patients: Unravelling Genetic Predispositions Towards an Early-Onset Subtype. <i>Cancers</i> , 2020, 12, 1981.	3.7	18
36	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

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37	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
38	Beyond the Mindâ€™Serum Trace Element Levels in Schizophrenic Patients: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9566.	4.1	14
39	Gastric Cancer: Epidemiology, Risk Factors, Classification, Genomic Characteristics and Treatment Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4012.	4.1	639
40	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
41	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
42	Alterations in the Nervous System and Gut Microbiota after Î²-Hemolytic Streptococcus Group A Infectionâ€™Characteristics and Diagnostic Criteria of PANDAS Recognition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1476.	4.1	20
43	Metformin as Potential Therapy for High-Grade Glioma. <i>Cancers</i> , 2020, 12, 210.	3.7	52
44	Mechanisms of the Epithelialâ€™Mesenchymal Transition and Tumor Microenvironment in Helicobacter pylori-Induced Gastric Cancer. <i>Cells</i> , 2020, 9, 1055.	4.1	103
45	Preoperative and Intraoperative Methods of Parathyroid Gland Localization and the Diagnosis of Parathyroid Adenomas. <i>Molecules</i> , 2020, 25, 1724.	3.8	25
46	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
47	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
48	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
49	Serum iron, Magnesium, Copper, and Manganese Levels in Alcoholism: A Systematic Review. <i>Molecules</i> , 2019, 24, 1361.	3.8	57
50	Sir Gordon Morgan Holmes (1876â€™1965): one of the founders of modern neurology. <i>Neurological Sciences</i> , 2018, 39, 169-171.	1.9	5
51	<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
52	Prediction of acute pancreatitis in the earliest stages â€™ role of biochemical parameters and histopathological changes. <i>Polski Przegląd Chirurgicalny</i> , 2017, 89, 31-38.	0.4	4
53	Morphometric characteristics of neurons in the hippocampal CA1-CA4 fields of the American. <i>Medycyna Weterynaryjna</i> , 2016, 72, 704-708.	0.1	0