

# Wojciech Dabrowski

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

1,953  
citations

361388

20  
h-index

302107

39  
g-index

108  
all docs

108  
docs citations

108  
times ranked

2933  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19: ICU delirium management during SARS-CoV-2 pandemic. <i>Critical Care</i> , 2020, 24, 176.	5.8	368
2	COVID-19: The Potential Treatment of Pulmonary Fibrosis Associated with SARS-CoV-2 Infection. <i>Journal of Clinical Medicine</i> , 2020, 9, 1917.	2.4	137
3	Incidence, Risk Factors, and Outcomes of Intra-Abdominal Hypertension in Critically Ill Patients—A Prospective Multicenter Study (IROI Study). <i>Critical Care Medicine</i> , 2019, 47, 535-542.	0.9	124
4	The use of bio-electrical impedance analysis (BIA) to guide fluid management, resuscitation and dereuscitation in critically ill patients: a bench-to-bedside review. <i>Anesthesiology Intensive Therapy</i> , 2014, 46, 381-391.	1.0	105
5	Kynurenic acid synthesis and kynurenine aminotransferases expression in colon derived normal and cancer cells. <i>Scandinavian Journal of Gastroenterology</i> , 2011, 46, 903-912.	1.5	68
6	Prolonged inflammation leads to ongoing damage after spinal cord injury. <i>PLoS ONE</i> , 2020, 15, e0226584.	2.5	67
7	COVID-19: What do we need to know about ICU delirium during the SARS-CoV-2 pandemic?. <i>Anesthesiology Intensive Therapy</i> , 2020, 52, 132-138.	1.0	63
8	Preoperative neutrophil/lymphocyte count ratio helps predict the grade of glial tumor – A pilot study. <i>Neurologia i Neurochirurgia Polska</i> , 2015, 49, 41-44.	1.2	55
9	Does femoral venous pressure measurement correlate well with intrabladder pressure measurement? A multicenter observational trial. <i>Intensive Care Medicine</i> , 2011, 37, 1620-1627.	8.2	34
10	ECCO2R therapy in the ICU: consensus of a European round table meeting. <i>Critical Care</i> , 2020, 24, 490.	5.8	33
11	The Neutrophil/Lymphocyte Count Ratio Predicts Mortality in Severe Traumatic Brain Injury Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 1453.	2.4	31
12	Synergistic antifungal interactions of amphotericin B with 4-(5-methyl-1,3,4-thiadiazole-2-yl) benzene-1,3-diol. <i>Scientific Reports</i> , 2019, 9, 12945.	3.3	28
13	Volatile Anesthetics Reduce Biochemical Markers of Brain Injury and Brain Magnesium Disorders in Patients Undergoing Coronary Artery Bypass Graft Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 395-402.	1.3	26
14	Changes in Plasma Kynurenic Acid Concentration in Septic Shock Patients Undergoing Continuous Venovenous Haemofiltration. <i>Inflammation</i> , 2014, 37, 223-234.	3.8	25
15	Local Serpin Treatment via Chitosan-Collagen Hydrogel after Spinal Cord Injury Reduces Tissue Damage and Improves Neurologic Function. <i>Journal of Clinical Medicine</i> , 2020, 9, 1221.	2.4	25
16	An in vivo model of anti-inflammatory activity of subdural dexamethasone following the spinal cord injury. <i>Neurologia i Neurochirurgia Polska</i> , 2016, 50, 7-15.	1.2	24
17	Prognostic Factors for Nonasphyxia-Related Cardiac Arrest Patients Undergoing Extracorporeal Rewarming - HELP Registry Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 365-371.	1.3	24
18	Original article Subdural infusion of dexamethasone inhibits leukomyelitis after acute spinal cord injury in a rat model. <i>Folia Neuropathologica</i> , 2015, 1, 41-51.	1.2	23

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19	Subject-specific pulse wave propagation modeling: Towards enhancement of cardiovascular assessment methods. <i>PLoS ONE</i> , 2018, 13, e0190972.	2.5	23
20	Continuous veno-venous hemofiltration to adjust fluid volume excess in septic shock patients reduces intra-abdominal pressure. <i>Clinical Nephrology</i> , 2014, 82, 41-50.	0.7	23
21	Myxoma virus derived immune modulating proteins, M-T7 and Serp-1, reduce early inflammation after spinal cord injury in the rat model. <i>Folia Neuropathologica</i> , 2019, 57, 41-50.	1.2	22
22	WpÅ,yw jednostronnego PEEP na biomechanikÄ™ obu pÅ,uc podczas niezaleÅ¼nej wentylacji u chorych znieczulanych do zabiegÅ³w torakochirurgicznych. <i>Anaesthesiology Intensive Therapy</i> , 2015, 47, 1-6.	1.0	20
23	Disturbance in Venous Outflow From the Cerebral Circulation Intensifies the Release of Blood-Brain Barrier Injury Biomarkers in Patients Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 328-335.	1.3	19
24	Fluid therapy and perfusional considerations during resuscitation in critically ill patients with intra-abdominal hypertension. <i>Anaesthesiology Intensive Therapy</i> , 2015, 47, 45-53.	1.0	18
25	Changes in intra-abdominal pressure and central venous and brain venous blood pressure in patients during extracorporeal circulation. <i>Medical Science Monitor</i> , 2007, 13, CR548-54.	1.1	18
26	Cancer pain and neuropathic pain are associated with A<b><i>Î²</i></b> sensory neuronal plasticity in dorsal root ganglia and abnormal sprouting in lumbar spinal cord. <i>Molecular Pain</i> , 2018, 14, 174480691881009.	2.1	17
27	Prolonged Subdural Infusion of Kynurenic Acid Is Associated with Dose-Dependent Myelin Damage in the Rat Spinal Cord. <i>PLoS ONE</i> , 2015, 10, e0142598.	2.5	17
28	Successful Combination of Landiolol and Levosimendan in Patients with Decompensated Heart Failure. <i>International Heart Journal</i> , 2020, 61, 384-389.	1.0	15
29	Pathophysiology and clinical consequences of arterial blood gases and pH after cardiac arrest. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 19.	1.9	15
30	Quantitative MRI in a nonÅ€surgical model of cervical spinal cord injury. <i>NMR in Biomedicine</i> , 2015, 28, 925-936.	2.8	14
31	The prognostic value of positive T-wave in lead aVR in hemodialysis patients. <i>Clinical and Experimental Nephrology</i> , 2015, 19, 1157-1164.	1.6	14
32	Antifungal effects of a 1,3,4-thiadiazole derivative determined by cytochemical and vibrational spectroscopic studies. <i>PLoS ONE</i> , 2019, 14, e0222775.	2.5	14
33	Presence of kynurenic acid in alcoholic beverages Å€“ Is this good news, or bad news?. <i>Medical Hypotheses</i> , 2019, 122, 200-205.	1.5	14
34	Neuroprotective Effect of Subdural Infusion of Serp-1 in Spinal Cord Trauma. <i>Biomedicines</i> , 2020, 8, 372.	3.2	14
35	The Brain-gut Axis-where are we now and how can we Modulate these Connections?. <i>Current Neuropharmacology</i> , 2021, 19, 1164-1177.	2.9	14
36	Raised Jugular Venous Pressure Intensifies Release of Brain Injury Biomarkers in Patients Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 999-1006.	1.3	13

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37	Intra-Abdominal Pressure Correlates with Extracellular Water Content. <i>PLoS ONE</i> , 2015, 10, e0122193.	2.5	13
38	Differences in iron and manganese concentration may confound the measurement of myelin from $T_1$ and $T_2$ relaxation rates in studies of dysmyelination. <i>NMR in Biomedicine</i> , 2016, 29, 985-998.	2.8	13
39	Novel Synthetic and Natural Therapies for Traumatic Brain Injury. <i>Current Neuropharmacology</i> , 2021, 19, 1661-1687.	2.9	13
40	Challenges of Delirium Management in Patients with Traumatic Brain Injury: From Pathophysiology to Clinical Practice. <i>Current Neuropharmacology</i> , 2021, 19, 1519-1544.	2.9	13
41	Changes in spatial QRS-T angle and QTc interval in patients with traumatic brain injury with or without intra-abdominal hypertension. <i>Journal of Electrocardiology</i> , 2018, 51, 499-507.	0.9	12
42	Serum heat shock protein 27 levels predict cardiac mortality in hemodialysis patients. <i>BMC Nephrology</i> , 2018, 19, 359.	1.8	12
43	Potentially Detrimental Effects of Hyperosmolality in Patients Treated for Traumatic Brain Injury. <i>Journal of Clinical Medicine</i> , 2021, 10, 4141.	2.4	12
44	The Role of Astrogliosis in Formation of the Syrxinx in Spinal Cord Injury. <i>Current Neuropharmacology</i> , 2020, 19, 294-303.	2.9	12
45	Antioxidative mechanism in the course of varicose veins. <i>Phlebology</i> , 2018, 33, 464-469.	1.2	11
46	Usefulness of Cerebral Oximetry in TBI by NIRS. <i>Journal of Clinical Medicine</i> , 2021, 10, 2938.	2.4	11
47	Increase in intra-abdominal pressure raises brain venous pressure, leads to brain ischaemia and decreases brain magnesium content. <i>Magnesium Research</i> , 2012, 25, 89-98.	0.5	10
48	Patient-specific pulse wave propagation model identifies cardiovascular risk characteristics in hemodialysis patients. <i>PLoS Computational Biology</i> , 2018, 14, e1006417.	3.2	10
49	Plasma Kynurenic Acid Concentration in Patients Undergoing Cardiac Surgery: Effect of Anaesthesia. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 129-137.	2.3	9
50	Acute left main coronary artery occlusion following inadvertent delivery of radiofrequency energy during ventricular tachycardia ablation successfully treated by rescue angioplasty with stenting: A two-year follow-up. <i>Cardiology Journal</i> , 2013, 20, 100-2.	1.2	9
51	Abdominal perfusion pressure and coronary arterial perfusion pressure in patients undergoing coronary artery bypass graft surgery. <i>Experimental and Clinical Cardiology</i> , 2009, 14, e84-8.	1.3	9
52	Factors influencing P terminal force in lead V1 of the ECG in hemodialysis patients. <i>Archives of Medical Science</i> , 2018, 14, 257-264.	0.9	8
53	Pathomechanisms of Non-Traumatic Acute Brain Injury in Critically Ill Patients. <i>Medicina (Lithuania)</i> , 2020, 56, 469.	2.0	8
54	Plasma Hyperosmolality Prolongs QTc Interval and Increases Risk for Atrial Fibrillation in Traumatic Brain Injury Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 1293.	2.4	8

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55	The efficiency of magnesium supplementation in patients undergoing cardiopulmonary bypass: changes in serum magnesium concentrations and atrial fibrillation episodes. <i>Magnesium Research</i> , 2008, 21, 205-17.	0.5	8
56	Independent lung ventilation for treatment of post-traumatic ARDS. <i>Anaesthesiology Intensive Therapy</i> , 2012, 44, 84-8.	1.0	8
57	Brain damage in cardiac surgery patients. <i>Current Opinion in Pharmacology</i> , 2012, 12, 189-194.	3.5	7
58	Intra-abdominal hypertension increases spatial QRS-T angle and elevates ST-segment J-point in healthy women undergoing laparoscopic surgery. <i>Journal of Electrocardiology</i> , 2017, 50, 214-222.	0.9	7
59	Loss of Kaiso expression in breast cancer cells prevents intra-vascular invasion in the lung and secondary metastasis. <i>PLoS ONE</i> , 2017, 12, e0183883.	2.5	7
60	Leigh syndrome in individuals bearing m.9185T&gt;C MTATP6 variant. Is hyperventilation a factor which starts its development?. <i>Metabolic Brain Disease</i> , 2018, 33, 191-199.	2.9	7
61	Intense remodeling of extracellular matrix within the varicose vein: the role of gelatinases and vascular endothelial growth factor. <i>Irish Journal of Medical Science</i> , 2021, 190, 255-259.	1.5	7
62	Intra-abdominal hypertension and hypoxic respiratory failure together predict adverse outcome – A sub-analysis of a prospective cohort. <i>Journal of Critical Care</i> , 2021, 64, 165-172.	2.2	7
63	Implementation of Computed Tomography Angiography (CTA) and Computed Tomography Perfusion (CTP) in Polish Guidelines for Determination of Cerebral Circulatory Arrest (CCA) during Brain Death/Death by Neurological Criteria (BD/DNC) Diagnosis Procedure. <i>Journal of Clinical Medicine</i> , 2021, 10, 4237.	2.4	7
64	The use of crystalloids in traumatic brain injury. <i>Anaesthesiology Intensive Therapy</i> , 2018, 50, 150-159.	1.0	7
65	Methodological Aspects of Indirect Calorimetry in Patients with Sepsis – Possibilities and Limitations. <i>Nutrients</i> , 2022, 14, 930.	4.1	7
66	Melatonin and the Brain – Heart Crosstalk in Neurocritically Ill Patients – From Molecular Action to Clinical Practice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7094.	4.1	7
67	Impact of hemodialysis on cardiovascular system assessed by pulse wave analysis. <i>PLoS ONE</i> , 2018, 13, e0206446.	2.5	6
68	Magnesium supplementation significantly reduces serum S100 $\beta$ concentrations in patients who have undergone coronary artery bypass surgery. <i>Magnesium Research</i> , 2009, 22, 21-31.	0.5	6
69	Plasma matrix metalloproteinase 9 correlates with disorders of brain magnesium homeostasis in patients undergoing coronary artery bypass surgery. <i>Magnesium Research</i> , 2010, 23, 169-79.	0.5	6
70	Kynurenic Acid in Plasma and Endometrium in Bitches with Pyometra. <i>Inflammation</i> , 2013, 36, 131-135.	3.8	5
71	Plasma magnesium concentration in patients undergoing coronary artery bypass grafting. <i>Annals of Agricultural and Environmental Medicine</i> , 2017, 24, 181-184.	1.0	5
72	Acute intestinal failure: International multicenter point-of-prevalence study. <i>Clinical Nutrition</i> , 2020, 39, 151-158.	5.0	5

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73	Neutrophil-Lymphocyte Ratio (NLR) Reflects Myocardial Inhomogeneities in Hemodialyzed Patients. Mediators of Inflammation, 2020, 2020, 1-6.	3.0	5
74	The Use of Different Components of Brain Oxygenation for the Assessment of Cerebral Haemodynamics: A Prospective Observational Study on COVID-19 Patients. Frontiers in Neurology, 2021, 12, 735469.	2.4	5
75	Syndecan-4 Is an Independent Predictor of All-Cause as Well as Cardiovascular Mortality in Hemodialysis Patients. PLoS ONE, 2016, 11, e0163532.	2.5	4
76	The improvement of QRS-T angle as a manifestation of reverse electrical remodeling following renal transplantation in end-stage kidney disease patients on haemodialysis. BMC Nephrology, 2019, 20, 441.	1.8	4
77	Effectiveness of <i>Haemophilus influenzae</i> type b vaccination after splenectomy - impact on selected immunological parameters. Human Vaccines and Immunotherapeutics, 2019, 15, 339-348.	3.3	4
78	Heat Shock Protein 27 Is an Emerging Predictor of Contrast-Induced Acute Kidney Injury on Patients Subjected to Percutaneous Coronary Interventions. Cells, 2021, 10, 684.	4.1	4
79	Carotid surgery affects plasma kynurenic acid concentration: A pilot study. Medical Science Monitor, 2014, 20, 303-310.	1.1	4
80	The effect of crystalloid infusion on body water content and intra-abdominal pressure in patients undergoing orthopedic surgery under spinal anesthesia. Advances in Clinical and Experimental Medicine, 2017, 26, 1189-1196.	1.4	4
81	Modifying the Organ Matrix Pre-engraftment: A New Transplant Paradigm?. Trends in Molecular Medicine, 2019, 25, 626-639.	6.7	3
82	The prone position must accommodate changes in IAP in traumatic brain injury patients. Critical Care, 2021, 25, 132.	5.8	3
83	Influence of intra-abdominal pressure on the amplitude of fluctuations of cerebral hemoglobin concentration in the respiratory band. Biomedical Optics Express, 2019, 10, 3434.	2.9	3
84	Do changes in S100beta protein correlate with serum magnesium concentrations in patients undergoing extracorporeal circulation?. Magnesium Research, 2007, 20, 168-76.	0.5	3
85	Magnesium reduces matrix metalloproteinase-9, but not glial fibrillary acidic protein, in cardiac surgery patients. Future Neurology, 2012, 7, 349-359.	0.5	2
86	MMP-9 and MMP-2 regulation in patients undergoing non-oncological and non-vascular elective surgery independent of the use of propofol or sevoflurane. Pharmacological Reports, 2019, 71, 528-534.	3.3	2
87	Decompressive Craniectomy Improves QTc Interval in Traumatic Brain Injury Patients. International Journal of Environmental Research and Public Health, 2020, 17, 8653.	2.6	2
88	Invitation to participate in a multi-center study for validation of cerebral computed tomography angiography and computed tomography perfusion in the determination of cerebral circulatory arrest during brain death/death by neurological criteria diagnosis procedure in paediatric population below 12 years of age. Anaesthesiology Intensive Therapy, 2021, 53, 97-102.	1.0	2
89	Perinatal complications associated with neuraxial blocks. Ginekologia Polska, 2021, , .	0.7	2
90	Changes in Subendocardial Viability Ratio in Traumatic Brain Injury Patients. Brain Connectivity, 2021, 11, 349-358.	1.7	2

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91	Anti-Inflammatory Effect of Very High Dose Local Vessel Wall Statin Administration: Poly(L,L-Lactide) Biodegradable Microspheres with Simvastatin for Drug Delivery System (DDS). International Journal of Molecular Sciences, 2021, 22, 7486.	4.1	2
92	Atypical Pupil Reactions in Brain Dead Patients. Brain Sciences, 2021, 11, 1194.	2.3	2
93	Successful 1:1 proportion ventilation with a unique device for independent lung ventilation using a double-lumen tube without complications in the supine and lateral decubitus positions. A pilot study. PLoS ONE, 2017, 12, e0184537.	2.5	2
94	Why is it worth remembering the lung microbiome in ICU patients?. Anaesthesiology Intensive Therapy, 2021, 53, 466-474.	1.0	2
95	Credibility of the Neutrophil-to-Lymphocyte Count Ratio in Severe Traumatic Brain Injury. Life, 2021, 11, 1352.	2.4	2
96	Fluid Management in Neurointensive Care. , 2019, , 25-37.		1
97	High serum procalcitonin concentration and dynamics of its changes as a prognostic factor of mortality. Anaesthesiology Intensive Therapy, 2018, 50, 85-86.	1.0	1
98	The Connection Between Selected Caspases Levels in Bronchoalveolar Lavage Fluid and Severity After Brain Injury. Frontiers in Neurology, 2022, 13, .	2.4	1
99	Fluid Management in Neurosurgical Patients. , 2019, , 373-382.		0
100	Towards Spiroximetry in Adult Humans - How to Increase Amplitude of Respiratory Wave in an Optical Signal. , 2018, , .		0
101	The increase in amplitude of fluctuations of cerebral hemoglobin concentration in respiratory band related to increase in intra-abdominal pressure. , 2019, , .		0
102	Elective lung resection increases spatial QRS-T angle and QTc interval. Cardiology Journal, 2020, 27, 705-714.	1.2	0
103	Suppression of Electrographic Seizures Is Associated with Amelioration of QTc Interval Prolongation in Patients with Traumatic Brain Injury. Journal of Clinical Medicine, 2021, 10, 5374.	2.4	0
104	Heat Shock Protein 27 Levels Predict Myocardial Inhomogeneities in Hemodialysis Patients. Mediators of Inflammation, 2022, 2022, 1-6.	3.0	0