

# Petr Waldauf

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

1,746  
citations

393982

19  
h-index

301761

39  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound estimation of volume of pleural fluid in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2006, 32, 318.	3.9	267
2	Randomized Comparison of Renal Denervation Versus Intensified Pharmacotherapy Including Spironolactone in True-Resistant Hypertension. <i>Hypertension</i> , 2015, 65, 407-413.	1.3	178
3	Propofol infusion syndrome: a structured review of experimental studies and 153 published case reports. <i>Critical Care</i> , 2015, 19, 398.	2.5	156
4	Left bundle branch pacing compared to left ventricular septal myocardial pacing increases interventricular dyssynchrony but accelerates left ventricular lateral wall depolarization. <i>Heart Rhythm</i> , 2021, 18, 1281-1289.	0.3	77
5	Effects of Rehabilitation Interventions on Clinical Outcomes in Critically Ill Patients: Systematic Review and Meta-Analysis of Randomized Controlled Trials*. <i>Critical Care Medicine</i> , 2020, 48, 1055-1065.	0.4	75
6	Role of Adding Spironolactone and Renal Denervation in True Resistant Hypertension. <i>Hypertension</i> , 2016, 67, 397-403.	1.3	73
7	Resumption of Cardiac Activity after Withdrawal of Life-Sustaining Measures. <i>New England Journal of Medicine</i> , 2021, 384, 345-352.	13.9	72
8	Epidemiology, etiology, and types of severe adult brachial plexus injuries requiring surgical repair: systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2020, 43, 443-452.	1.2	58
9	Mitochondrial function in skeletal muscle of patients with protracted critical illness and ICU-acquired weakness. <i>Critical Care</i> , 2015, 19, 448.	2.5	44
10	Types and severity of operated supraclavicular brachial plexus injuries caused by traffic accidents. <i>Acta Neurochirurgica</i> , 2012, 154, 1293-1297.	0.9	37
11	Both selective and nonselective His bundle, but not myocardial, pacing preserve ventricular electrical synchrony assessed by ultra-high-frequency ECG. <i>Heart Rhythm</i> , 2020, 17, 607-614.	0.3	36
12	Prostacyclin versus Citrate in Continuous Haemodiafiltration: An Observational Study in Patients with High Risk of Bleeding. <i>Blood Purification</i> , 2005, 23, 325-329.	0.9	35
13	Frequent intravenous pulses of growth hormone together with glutamine supplementation in prolonged critical illness after multiple trauma: Effects on nitrogen balance, insulin resistance, and substrate oxidation*. <i>Critical Care Medicine</i> , 2008, 36, 1707-1713.	0.4	32
14	Propafenone for supraventricular arrhythmias in septic shock—Comparison to amiodarone and metoprolol. <i>Journal of Critical Care</i> , 2017, 41, 16-23.	1.0	29
15	Blood Pressure Profile, Catecholamine Phenotype, and Target Organ Damage in Pheochromocytoma/Paraganglioma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5170-5180.	1.8	28
16	Renal denervation in comparison with intensified pharmacotherapy in true resistant hypertension. <i>Journal of Hypertension</i> , 2017, 35, 1093-1099.	0.3	25
17	Left Ventricular Myocardial Septal Pacing in Close Proximity to LBB Does Not Prolong the Duration of the Left Ventricular Lateral Wall Depolarization Compared to LBB Pacing. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 787414.	1.1	23
18	Distal locking in short hip nails: Cause or prevention of peri-implant fractures?. <i>Injury</i> , 2016, 47, 887-892.	0.7	22

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19	Usefulness of screening tools in the evaluation of long-term effectiveness of DREZ lesioning in the treatment of neuropathic pain after brachial plexus injury. <i>BMC Neurology</i> , 2014, 14, 225.	0.8	21
20	Cost-effectiveness of hospital treatment and outcomes of acute methanol poisoning during the Czech Republic mass poisoning outbreak. <i>Journal of Critical Care</i> , 2017, 39, 190-198.	1.0	21
21	Negative prognostic impact of PD-L1 expression in tumor cells of undifferentiated (anaplastic) carcinoma with osteoclast-like giant cells of the pancreas: study of 13 cases comparing ductal pancreatic carcinoma and review of the literature. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 687-696.	1.4	20
22	Functional electrical stimulation-assisted cycle ergometry-based progressive mobility programme for mechanically ventilated patients: randomised controlled trial with 6 months follow-up. <i>Thorax</i> , 2021, 76, 664-671.	2.7	20
23	Frequent intravenous pulses of growth hormone together with alanylglutamine supplementation in prolonged critical illness after multiple trauma: Effects on glucose control, plasma IGF-I and glutamine. <i>Growth Hormone and IGF Research</i> , 2008, 18, 82-87.	0.5	19
24	Chronic dietary exposure to branched chain amino acids impairs glucose disposal in vegans but not in omnivores. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 594-601.	1.3	18
25	Clinically relevant pharmacokinetic knowledge on antibiotic dosing among intensive care professionals is insufficient: a cross-sectional study. <i>Critical Care</i> , 2019, 23, 185.	2.5	18
26	New biological temporary skin cover Xe-Derma® in the treatment of superficial scald burns in children. <i>Burns</i> , 2011, 37, 333-337.	1.1	17
27	Single-centre study of hip fractures in Prague, Czech Republic, 1997-2007. <i>International Orthopaedics</i> , 2011, 35, 587-593.	0.9	17
28	Catheter Ablation of Ischemic Ventricular Tachycardia With Remote Magnetic Navigation: STOP-EVT Multicenter Trial. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, S29-37.	0.8	16
29	Time Factor and Disc Herniation Size: Are They Really Predictive for Outcome of Urinary Dysfunction in Patients With Cauda Equina Syndrome?. <i>Neurosurgery</i> , 2018, 83, 1193-1200.	0.6	16
30	Ventricular activation pattern assessment during right ventricular pacing: Ultra-high-frequency ECG study. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1385-1394.	0.8	16
31	Successful treatment of supralethal caffeine overdose with a combination of lipid infusion and dialysis. <i>American Journal of Emergency Medicine</i> , 2015, 33, 738.e5-738.e7.	0.7	15
32	Effects of Propofol on Cellular Bioenergetics in Human Skeletal Muscle Cells. <i>Critical Care Medicine</i> , 2018, 46, e206-e212.	0.4	15
33	Cystatin C as a Marker of Residual Renal Function during Continuous Hemodiafiltration. <i>Kidney and Blood Pressure Research</i> , 2005, 28, 14-19.	0.9	14
34	A Selective Carotid Artery Shunting for Carotid Endarterectomy: Prospective MR DWI Monitoring of Embolization in a Group of 754 Patients. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2015, 76, 89-92.	0.4	13
35	Pheochromocytoma With Adrenergic Biochemical Phenotype Shows Decreased GLP-1 Secretion and Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1878-1887.	1.8	13
36	The role of vascularization on changes in ligamentum flavum mechanical properties and development of hypertrophy in patients with lumbar spinal stenosis. <i>Spine Journal</i> , 2020, 20, 1125-1133.	0.6	12

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37	Immature granulocytes as a sepsis predictor in patients undergoing cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 845-851.	0.5	11
38	Subsequent contralateral hip fractures: can at-risk patients be identified? An observational study of 5,102 patients. <i>International Orthopaedics</i> , 2015, 39, 755-760.	0.9	10
39	Lactate production without hypoxia in skeletal muscle during electrical cycling: Crossover study of femoral venous-arterial differences in healthy volunteers. <i>PLoS ONE</i> , 2019, 14, e0200228.	1.1	10
40	High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle. <i>PLoS ONE</i> , 2020, 15, e0226142.	1.1	10
41	Cytokeratin 7 expression as a predictor of an unfavorable prognosis in colorectal carcinoma. <i>Scientific Reports</i> , 2021, 11, 17863.	1.6	10
42	The effect of subarachnoid sodium nitroprusside on the prevention of vasospasm in subarachnoid haemorrhage. , 2005, 95, 141-145.		10
43	Can MRI Predict Flexibility in Scheuermann Kyphosis Patients?. <i>Clinical Spine Surgery</i> , 2017, 30, E938-E941.	0.7	9
44	Functional electrical stimulation-assisted cycle ergometry in the critically ill: protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 724.	0.7	9
45	Perioperative cardiovascular complications versus perioperative bleeding in consecutive patients with known cardiac disease undergoing non-cardiac surgery. Focus on antithrombotic medication. The PRAGUE-14 registry. <i>Netherlands Heart Journal</i> , 2014, 22, 372-379.	0.3	8
46	Results of nerve reconstructions in treatment of obstetrical brachial plexus injuries. <i>Acta Neurochirurgica</i> , 2015, 157, 673-680.	0.9	8
47	Can Bioimpedance Determine the Volume of Distribution of Antibiotics in Sepsis?. <i>Anaesthesia and Intensive Care</i> , 2005, 33, 345-350.	0.2	7
48	Kinetic characteristics of propofol-induced inhibition of electron-transfer chain and fatty acid oxidation in human and rodent skeletal and cardiac muscles. <i>PLoS ONE</i> , 2019, 14, e0217254.	1.1	6
49	Efficacy and safety of 1C class antiarrhythmic agent (propafenone) for supraventricular arrhythmias in septic shock compared to amiodarone: protocol of a prospective randomised double-blind study. <i>BMJ Open</i> , 2019, 9, e031678.	0.8	6
50	Using pCO <sub>2</sub> Gap in the Differential Diagnosis of Hyperlactatemia Outside the Context of Sepsis: A Physiological Review and Case Series. <i>Critical Care Research and Practice</i> , 2019, 2019, 1-8.	0.4	6
51	Health-related quality of life determinants in survivors of a mass methanol poisoning outbreak: six-year prospective cohort study. <i>Clinical Toxicology</i> , 2020, 58, 870-880.	0.8	6
52	Are There Any Risk Factors Associated with the Presence of Cauda Equina Syndrome in Symptomatic Lumbar Disk Herniation?. <i>World Neurosurgery</i> , 2020, 141, e600-e605.	0.7	6
53	Azithromycin added to hydroxychloroquine for patients admitted to intensive care due to coronavirus disease 2019 (COVID-19)â€”protocol of randomised controlled trial AZIQUINE-ICU. <i>Trials</i> , 2020, 21, 631.	0.7	6
54	Heat Shock Proteins 27, 70, and 110: Expression and Prognostic Significance in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 4407.	1.7	5

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55	The economic and psychological impact of cancellations of elective spinal surgeries in the COVID-19 era. <i>British Journal of Neurosurgery</i> , 2021, , 1-5.	0.4	4
56	Possible donor nerves for axillary nerve reconstruction in dual neurotization for restoring shoulder abduction in brachial plexus injuries: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2022, 45, 1303-1312.	1.2	4
57	Impact of Acute Renal Failure on the Relationship between N-Terminal pro-B-Type Natriuretic Peptide and Hemodynamic Parameters. <i>Blood Purification</i> , 2011, 31, 47-54.	0.9	3
58	Risk comparison of bleeding and ischemic perioperative complications after acute and elective orthopedic surgery in patients with cardiovascular disease. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 907-911.	1.3	3
59	Factors associated with success in the oral part of the European Diploma in Intensive Care. <i>Journal of the Intensive Care Society</i> , 2017, 18, 294-299.	1.1	2
60	THA and TKA in patients with cardiovascular disease: What makes the risk of perioperative bleeding?. <i>Bratislava Medical Journal</i> , 2017, 117, 628-630.	0.4	2
61	Long-Term Outcome After Midline Lumbar Fusion for the Treatment of Lumbar Spine Instability Due to Degenerative Disease. <i>World Neurosurgery</i> , 2021, 154, e641-e648.	0.7	2
62	Postoperative adrenal insufficiency in Connâ€™s syndromeâ€™ does it occur frequently?. <i>Journal of Human Hypertension</i> , 2021, , .	1.0	2
63	Initial optimal continuous distension pressure in prone HFOV in a paediatric burn: case report. <i>Burns</i> , 2004, 30, 192-196.	1.1	1
64	Lactate-buffered dialysis in cardiogenic shock associated with severe combined lactic acidosis. <i>CKJ: Clinical Kidney Journal</i> , 2008, 1, 103-105.	1.4	1
65	Biochemical Testing After Pheochromocytoma Removal: How Early?. <i>Hormone and Metabolic Research</i> , 2015, 47, 633-636.	0.7	1
66	[OP.7D.09] THE ROLE OF ADDING SPIRONOLACTONE AND RENAL DENERVATION IN TRUE RESISTANT HYPERTENSION. ONE-YEAR OUTCOMES OF RANDOMIZED PRAGUE-15 STUDY. <i>Journal of Hypertension</i> , 2016, 34, e96-e97.	0.3	1
67	PREDICTION OF LONG-TERM RENAL DENERVATION EFFICACY. <i>Journal of Hypertension</i> , 2018, 36, e48.	0.3	1
68	BLOOD PRESSURE PROFILE, CATECHOLAMINE PHENOTYPE AND TARGET ORGAN DAMAGE IN PHEOCHROMOCYTOMA/PARAGANGLIOMA. <i>Journal of Hypertension</i> , 2019, 37, e92.	0.3	1
69	Can functional electrical stimulationâ€™assisted cycle ergometry replace insulin infusion in critically ill patient? A nested subâ€™study in a randomised controlled trial with 6 months followâ€™up. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, , .	1.3	1
70	Female sex is associated with delayed reperfusion by percutaneous coronary intervention in patients with ST-segment elevation myocardial infarction. <i>Polish Archives of Internal Medicine</i> , 2015, 125, 478-481.	0.3	1
71	Targeting out-of-hospital cardiac arrest: the effect of heparin administered during cardiopulmonary resuscitation (T-ARREST). <i>Signa Vitae</i> , 2011, 6, 24.	0.8	1
72	A systematic review of the clinical efficacy of sacroiliac joint stabilization in the treatment of lower back pain. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2019, 82/115, 655-663.	0.0	1

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73	Adherence and blood pressure control in patients with primary aldosteronism. <i>Blood Pressure</i> , 2022, 31, 58-63.	0.7	1
74	Biochemical Testing After Pheochromocytoma Removal: How Early?. <i>Hormone and Metabolic Research</i> , 2015, 47, e3-e3.	0.7	0
75	[PP.05.36] RENAL DENERVATION IN COMPARISON TO INTENSIFIED PHARMACOTHERAPY IN TRUE RESISTANT HYPERTENSION. TWO-YEAR OUTCOMES OF RANDOMISED PRAGUE-15 STUDY. <i>Journal of Hypertension</i> , 2017, 35, e128.	0.3	0
76	Antithrombotic therapy of patients with atrial fibrillation discharged after major non-cardiac surgery. 1-year follow-up. Sub-analysis of PRAGUE 14 study. <i>PLoS ONE</i> , 2017, 12, e0177519.	1.1	0
77	(Prediction of long-term renal denervation efficacy). <i>Cor Et Vasa</i> , 2019, 61, e378-e384.	0.1	0
78	HIGH LEVEL OF PLASMA ALDOSTERONE AFTER SALINE INFUSION TEST IN COMBINATION WITH FINDING OF ADRENAL NODE ON CT SCAN CAN PREDICT ALDOSTERONE-PRODUCING ADENOMA MORE PRECISE THAN FINDING OF NODE ALONE. <i>Journal of Hypertension</i> , 2021, 39, e91.	0.3	0
79	Cover Image, Volume 32, Issue 5. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, ii.	0.8	0
80	Oxidative Stress Markers Thioredoxin 1 and 8-Isoprostane in Relation to Ischemic Time In Patients with ST- Elevations Myocardial Infarction Treated by Primary Percutaneous Coronary Intervention. <i>Polish Archives of Internal Medicine</i> , 2021, 131, 755-758.	0.3	0
81	VAVASC study: Clinical trial protocol. <i>Journal of Vascular Access</i> , 2021, , 112972982110426.	0.5	0
82	Antiplatelet and anticoagulant therapy in carotid endarterectomies. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2018, 81/114, 444-449.	0.0	0
83	Pacing of the interventricular septum with His bundle engagement, unlike myocardial pacings of the right ventricle, does not lead to ventricular dyssynchrony, as assessed by ultra-high frequency ECG. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
84	Perimortem dynamics of blood potassium concentration in patients dying in intensive care unit: A prospective nested cohort study. <i>Journal of Forensic Sciences</i> , 2022, , .	0.9	0