Krzysztof LaudaÅ„ski

List of Publications by Year
in descending order

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104 papers	1,542 citations	516710 16 h-index	345221 36 g-index
109 all docs	109 docs citations	109 times ranked	2009 citing authors

#	Article	IF	Citations
1	Application of genome-wide expression analysis to human health and disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4801-4806.	7.1	238
2	Whole blood and leukocyte RNA isolation for gene expression analyses. Physiological Genomics, 2004, 19, 247-254.	2.3	186
3	Cell-specific expression and pathway analyses reveal alterations in trauma-related human T cell and monocyte pathways. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15564-15569.	7.1	106
4	Failure of Monocytes of Trauma Patients to Convert to Immature Dendritic Cells is Related to Preferential Macrophage-Colony-Stimulating Factor-Driven Macrophage Differentiation. Journal of Immunology, 2003, 170, 6355-6362.	0.8	71
5	Tele-Critical Care: An Update From the Society of Critical Care Medicine Tele-ICU Committee*. Critical Care Medicine, 2020, 48, 553-561.	0.9	67
6	Negative signaling contributes to T-cell anergy in trauma patients. Critical Care Medicine, 2007, 35, 794-801.	0.9	61
7	APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. Immunity, 2021, 54, 2632-2649.e6.	14.3	48
8	Exogenous heat shock proteinâ€„27 uniquely blocks differentiation of monocytes to dendritic cells. European Journal of Immunology, 2007, 37, 2812-2824.	2.9	43
9	Access to internet, smartphone usage, and acceptability of mobile health technology among cancer patients. Supportive Care in Cancer, 2020, 28, 5455-5461.	2.2	41
10	Global Brain Drain: How Can the Maslow Theory of Motivation Improve Our Understanding of Physician Migration?. International Journal of Environmental Research and Public Health, 2019, 16, 1182.	2.6	39
11	Age-related differences in the quality of life in end-stage renal disease in patients enrolled in hemodialysis or continuous peritoneal dialysis. Medical Science Monitor, 2013, 19, 378-385.	1.1	37
12	HSP27: An Antiâ€Inflammatory and Immunomodulatory Stress Protein Acting to Dampen Immune Function. Novartis Foundation Symposium, 2008, 291, 196-211.	1.1	31
13	Inflammation and the Host Response to Injury, a Large-Scale Collaborative Project: Patient-Oriented Research Core Standard Operating Procedures for Clinical Care IX. Definitions for Complications of Clinical Care of Critically Injured Patients. Journal of Trauma, 2009, 67, 384-388.	2.3	27
14	Selective Activation of Peripheral Blood T Cell Subsets by Endotoxin Infusion in Healthy Human Subjects Corresponds to Differential Chemokine Activation. Journal of Immunology, 2005, 175, 6155-6162.	0.8	25
15	Observational study of long-term persistent elevation of neurodegeneration markers after cardiac surgery. Scientific Reports, 2019, 9, 7177.	3.3	24
16	Factors Underlying Racial Disparities in Sepsis Management. Healthcare (Switzerland), 2018, 6, 133.	2.0	20
17	Long-term Monocyte Dysfunction after Sepsis in Humanized Mice Is Related to Persisted Activation of Macrophage-Colony Stimulation Factor (M-CSF) and Demethylation of PU.1, and It Can Be Reversed by Blocking M-CSF In Vitro or by Transplanting NaÅ¨ve Autologous Stem Cells In Vivo. Frontiers in Immunology, 2017, 8, 401.	4.8	19
18	Unbiased Analysis of Temporal Changes in Immune Serum Markers in Acute COVID-19 Infection With Emphasis on Organ Failure, Anti-Viral Treatment, and Demographic Characteristics. Frontiers in Immunology, 2021, 12, 650465.	4.8	19

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19	Denial Defense Mechanism in Dialyzed Patients. Medical Science Monitor, 2015, 21, 1798-1805.	1.1	18
20	An International Career Development Survey of Critical Care Practitioners*. Critical Care Medicine, 2014, 42, e300-e303.	0.9	16
21	The clinical and immunological performance of 28 days survival model of cecal ligation and puncture in humanized mice. PLoS ONE, 2017, 12, e0180377.	2.5	16
22	The cognitive impairments due to the occipito-parietal brain injury after gunshot: a successful neurorehabiliation case study. Brain Injury, 2003, 17, 701-713.	1.2	15
23	Potential Pitfalls of the Humanized Mice in Modeling Sepsis. International Journal of Inflammation, 2018, 2018, 1-9.	1.5	14
24	ABNORMAL PGE2 REGULATION OF MONOCYTE TNF-?? LEVELS IN TRAUMA PATIENTS PARALLELS DEVELOPMENT OF A MORE MACROPHAGE-LIKE PHENOTYPE. Shock, 2004, 22, 204-212.	2.1	13
25	The distinctive role of small heat shock proteins in oncogenesis. Archivum Immunologiae Et Therapiae Experimentalis, 2006, 54, 103-111.	2.3	13
26	Narrative Review of Decision-Making Processes in Critical Care. Anesthesia and Analgesia, 2019, 128, 962-970.	2.2	13
27	What Can COVID-19 Teach Us about Using AI in Pandemics?. Healthcare (Switzerland), 2020, 8, 527.	2.0	13
28	Developing the eMedical Student (eMS)â€"A Pilot Project Integrating Medical Students into the Tele-ICU during the COVID-19 Pandemic and beyond. Healthcare (Switzerland), 2021, 9, 73.	2.0	13
29	Analysis of field reports from anaesthesia volunteers in low- to middle-income countries. Medical Education, 2013, 47, 1029-1036.	2.1	12
30	Acquired immunological imbalance after surgery with cardiopulmonary bypass due to epigenetic over-activation of PU.1/M-CSF. Journal of Translational Medicine, 2018, 16, 143.	4.4	12
31	Use of veno-venous extracorporeal membrane oxygenation to treat severe combined calcium channel blocker and angiotensin converting enzyme inhibitor overdose. Perfusion (United Kingdom), 2019, 34, 167-169.	1.0	11
32	Humanized Mice as a Tool to Study Sepsisâ€"More Than Meets the Eye. International Journal of Molecular Sciences, 2021, 22, 2403.	4.1	11
33	Development of a Simple Method for Rapid Isolation of Polymorphonuclear Leukocytes from Human Blood. Journal of Immunoassay and Immunochemistry, 2005, 26, 35-42.	1.1	10
34	Nonsteroidal anti-inflammatory drugs and glucocorticoids in COVID-19. Advances in Biological Regulation, 2021, 81, 100818.	2.3	10
35	Home Hemodialysis (HHD) Treatment as an Effective yet Underutilized Treatment Modality in the United States. Healthcare (Switzerland), 2017, 5, 90.	2.0	9
36	Left-Sided Ventriculaâ€"arterial Coupling and Volume Responsiveness in Septic Shock Patients. Shock, 2019, 52, 577-582.	2.1	9

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37	The Genetic Relevance of Human Induced Pluripotent Stem Cell-Derived Microglia to Alzheimerâ€™s Disease and Major Neuropsychiatric Disorders. Molecular Neuropsychiatry, 2019, 5, 85-96.	2.9	9
38	Establishing a Telemedicine Respiratory Therapy Service (eRT) in the COVID-19 Pandemic. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1268-1269.	1.3	9
39	Adoptive transfer of naÃ¯ve dendritic cells in resolving post-sepsis long-term immunosuppression. Medical Hypotheses, 2012, 79, 478-480.	1.5	8
40	The perception of the Illness with Subsequent Outcome Measure in More Favorable in Continuos Peritoneal Dialysis vs Hemodialysis in the Framework of Appraisal Model of Stress. International Journal of Medical Sciences, 2014, 11, 291-297.	2.5	8
41	Persistence of Lipoproteins and Cholesterol Alterations after Sepsis: Implication for Atherosclerosis Progression. International Journal of Molecular Sciences, 2021, 22, 10517.	4.1	8
42	Long-Term Abnormalities of Lipid Profile After a Single Episode of Sepsis. Frontiers in Cardiovascular Medicine, 2021, 8, 674248.	2.4	8
43	Antibiotics and ECMO in the Adult Populationâ€”Persistent Challenges and Practical Guides. Antibiotics, 2022, 11, 338.	3.7	8
44	Ketamine Affects In Vitro Differentiation of Monocyte into Immature Dendritic Cells. Anesthesiology, 2015, 123, 628-641.	2.5	7
45	Communication and role clarity inform TeleICU use: a qualitative analysis of opportunities and barriers in an established program using AACN framework. BMC Health Services Research, 2021, 21, 277.	2.2	7
46	Dynamic Changes in Central and Peripheral Neuro-Injury vs. Neuroprotective Serum Markers in COVID-19 Are Modulated by Different Types of Anti-Viral Treatments but Do Not Affect the Incidence of Late and Early Strokes. Biomedicines, 2021, 9, 1791.	3.2	7
47	Considerations for Cannabinoids in Perioperative Care by Anesthesiologists. Journal of Clinical Medicine, 2022, 11, 558.	2.4	7
48	Monocyte-related immunopathologies in trauma patients. Archivum Immunologiae Et Therapiae Experimentalis, 2005, 53, 321-8.	2.3	7
49	Extracorporeal Membrane Oxygenation for Hemophagocytic Lymphohistiocytosis. American Journal of Case Reports, 2016, 17, 686-689.	0.8	6
50	Long-term alterations in monocyte function after elective cardiac surgery. Anaesthesia, 2017, 72, 879-888.	3.8	6
51	Behavioural patterns of electrolyte repletion in intensive care units: lessons from a large electronic dataset. Scientific Reports, 2018, 8, 11915.	3.3	6
52	Sleep Quality, Fatigue, and Quality of Life in Individuals With Heart Failure. Journal for Nurse Practitioners, 2020, 16, 461-465.	0.8	6
53	Thermal Damage of the Humidified Ventilator Circuit in the Operating Room. Anesthesia and Analgesia, 2010, 111, 1433-1436.	2.2	5
54	Aberrant Function and Differentiation of Monocytes in End Stage Renal Disease. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 453-459.	2.3	5

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55	534: T CELL ACTIVITY IS SEVERELY AFFECTED WELL INTO RECOVERY AFTER SEVERE SURGICAL INSULT. Critical Care Medicine, 2019, 47, 247-247.	0.9	5
56	The Characterization of the Toll of Caring for Coronavirus Disease 2019 on ICU Nursing Staff. , 2021, 3, e0380.		5
57	COP-E-CAT. , 2021, , .		5
58	Longitudinal urinary biomarkers of immunological activation in covid-19 patients without clinically apparent kidney disease versus acute and chronic failure. Scientific Reports, 2021, 11, 19675.	3.3	5
59	Psychological aspects of dialysis: does cognitive appraisal determine the overall outcome?. Polish Archives of Internal Medicine, 2010, 120, 49-53.	0.4	5
60	Psychological aspects of dialysis: does cognitive appraisal determine the overall outcome?. , 2010, 120, 49-52.		5
61	Self-Assessment of Preparedness among Critical Care Trainees Transitioning from Fellowship to Practice. Healthcare (Switzerland), 2019, 7, 74.	2.0	4
62	Guillainâ€“BarrÃ© Syndrome in COVID-19â€”The Potential Role of NCAM-1 and Immunotherapy. BioMed, 2021, 1, 80-92.	1.1	4
63	The Ability of Precursory Monocytes (MO) to Differentiate Varies Among Individuals But Is Stable Over Time. Medical Science Monitor, 2016, 22, 2463-2470.	1.1	4
64	Intensive care in poor-resource settings: Solutions are in the hands at home. Critical Care Medicine, 2011, 39, 2385.	0.9	3
65	Gut Feeling?. Critical Care Medicine, 2016, 44, e1005-e1006.	0.9	3
66	Remote Monitoring of Critically-Ill Post-Surgical Patients: Lessons from a Biosensor Implementation Trial. Healthcare (Switzerland), 2021, 9, 343.	2.0	3
67	Prolonged Transcriptional Consequences in Survivors of Sepsis. International Journal of Molecular Sciences, 2021, 22, 5422.	4.1	3
68	337: RISK AND AMBIGUITY TOLERANCE AFFECTS PREFERENCE FOR IMPLEMENTATION OF SEPSIS BUNDLE IMPLEMENTATION. Critical Care Medicine, 2020, 48, 151-151.	0.9	3
69	The Rapid Implementation of Ad Hoc Tele-Critical Care Respiratory Therapy (eRT) Service in the Wake of the COVID-19 Surge. Journal of Clinical Medicine, 2022, 11, 718.	2.4	3
70	Simultaneous aberrations in MÃ˜ and T cell function adversely affect trauma patients' clinical outcome: A possible faulty IL-13 feedback loop. Clinical Immunology, 2006, 118, 332-341.	3.2	2
71	Acute Hypotension After 50% Dextrose Injections. A & A Case Reports, 2016, 6, 296-298.	0.7	2
72	Content analysis of locum tenens recruitment emails for anesthesiologists. BMC Health Services Research, 2018, 18, 981.	2.2	2

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73	The Impact of an International Elective on Anesthesiology Residents as Assessed by a Longitudinal Study. Journal of Medical Education and Curricular Development, 2019, 6, 238212051987394.	1.5	2
74	The relationship between serum ferritin levels and electrocardiogram characteristics in acutely ill patients. Experimental and Clinical Cardiology, 2009, 14, 38-41.	1.3	2
75	The Impact of Delayed Symptomatic Treatment Implementation in the Intensive Care Unit. Healthcare (Switzerland), 2022, 10, 35.	2.0	2
76	174: LONGITUDINAL CHANGES OF NEURO-SPECIFIC SERUM PROTEINS IN COVID-19 PATIENTS. Critical Care Medicine, 2022, 50, 71-71.	0.9	2
77	Guiding Efficient, Effective, and Patient-Oriented Electrolyte Replacement in Critical Care: An Artificial Intelligence Reinforcement Learning Approach. Journal of Personalized Medicine, 2022, 12, 661.	2.5	2
78	Hsp27 as an Anti-inflammatory Protein. , 2005, , 220-233.		1
79	Ongoing paradoxical particulate embolism during megaprosthesis placement. Journal of Clinical Anesthesia, 2009, 21, 533-537.	1.6	1
80	Wind of Change or Siren Song?. Anesthesia and Analgesia, 2017, 125, 357-358.	2.2	1
81	Examination of Electrolyte Replacements in the ICU Utilizing MIMIC-III Dataset Demonstrates Redundant Replacement Patterns. Healthcare (Switzerland), 2021, 9, 1373.	2.0	1
82	Rapid development of chylothorax in patient with propofol-induced coma. BMJ Case Reports, 2009, 2009, bcr1220081348-bcr1220081348.	0.5	1
83	Implications of Chronic Opioid Therapy on Perioperative Complications and Long-Term Surgical Recovery. Translational Perioperative and Pain Medicine, 2019, 6, 120-128.	0.1	1
84	Quo Vadis Anesthesiologist? The Value Proposition of Future Anesthesiologists Lies in Preserving or Restoring Presurgical Health after Surgical Insult. Journal of Clinical Medicine, 2022, 11, 1135.	2.4	1
85	Pilot of rapid implementation of the advanced practice provider in the workflow of an existing tele-critical care program. BMC Health Services Research, 2022, 22, .	2.2	1
86	T CELL CHEMOKINE RECEPTORS PARELLEL TH/TH2 PHENOTYPICAL LYMPHOKINE LEVELS. Shock, 2002, 17, 18.	2.1	0
87	Peripartum acute coronary syndrome in an otherwise healthy patient. Journal of Clinical Anesthesia, 2011, 23, 661-665.	1.6	0
88	1107. Critical Care Medicine, 2013, 41, A280.	0.9	0
89	324. Critical Care Medicine, 2014, 42, A1438.	0.9	0
90	Conformity Scores Differentiate Older Hemodialyzed Patients and Patients with Continuous Peritoneal Dialysis. Medical Science Monitor, 2016, 22, 4565-4569.	1.1	0

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91	Specific or Nonspecific? There Is Very Little Light at the End of the Tunnel. Anesthesiology, 2016, 124, 1413-1414.	2.5	0
92	Proof of Conceptâ€"How to Bridge Proof with Concept and Linked to Reality. Anesthesiology, 2016, 125, 602-604.	2.5	0
93	496: WHO IS THE PATIENT? AN ANALYSIS OF DECISION-MAKING IN THE ICU. Critical Care Medicine, 2018, 46, 233-233.	0.9	0
94	The Year in Cardiothoracic Critical Care: Selected Highlights From 2017. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2037-2042.	1.3	0
95	141. Critical Care Medicine, 2019, 47, 53.	0.9	0
96	Golden Method is a Perfect But Not Clinically Applicable. Shock, 2020, 53, 782-783.	2.1	0
97	CAN A P38Î±Î² KINASE INHIBITOR REVERSE ABERRANT MONOCYTE TO IMMATURE DENDRITIC CELL DIFFERENTIATION (MÃ¸â†'iDC) IN TRAUMA PATIENTS?. Critical Care Medicine, 2005, 33, A34.	0.9	0
98	HSP-27 CAN MODULATE MÃ˜ TLR4 EXPRESSION VIA PGE2 INDUCTION.. Critical Care Medicine, 2005, 33, A134.	0.9	0
99	Elevated aPTT and factor XII Deficiency After Complicating Meningioma Resection â€“ What Is The Role of factor XII?. Journal of Anesthesia & Clinical Research, 2011, 02, .	0.1	0
100	Volume Resuscitation in Sepsis. Journal of Anesthesia & Clinical Research, 2013, 04, .	0.1	0
101	Acceptability of mobile health technology among cancer patients.. Journal of Clinical Oncology, 2019, 37, e18139-e18139.	1.6	0
102	1298: ARE BIOSENSORS TRULY READY FOR PRIME-TIME INTRODUCTION? LESSON FROM AN ICU IMPLEMENTATION TRIAL. Critical Care Medicine, 2020, 48, 626-626.	0.9	0
103	Hierarchical Gaussian Processes and Mixtures of Experts to Model COVID-19 Patient Trajectories. , 2021, , .		0
104	Deployment of Tele-ICU Respiratory Therapy and the Creation of an eRT Service Line. NEJM Catalyst, 2022, 3, .	0.7	0