

Ioanna Dimopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,555
citations

218381

26
h-index

138251

58
g-index

89
all docs

89
docs citations

89
times ranked

3548
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Recommendations for the diagnosis and management of corticosteroid insufficiency in critically ill adult patients: Consensus statements from an international task force by the American College of Critical Care Medicine. <i>Critical Care Medicine</i> , 2008, 36, 1937-1949. | 0.4 | 1,405 |
| 2 | Neutrophil CD64 expression and serum IL-8: Sensitive early markers of severity and outcome in sepsis. <i>Cytokine</i> , 2006, 36, 283-290. | 1.4 | 168 |
| 3 | Hypothalamic-pituitary-adrenal axis dysfunction in critically ill patients with traumatic brain injury: Incidence, pathophysiology, and relationship to vasopressor dependence and peripheral interleukin-6 levels*. <i>Critical Care Medicine</i> , 2004, 32, 404-408. | 0.4 | 150 |
| 4 | Endothelial Damage in Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8793. | 1.8 | 110 |
| 5 | High Incidence of Neuroendocrine Dysfunction in Long-Term Survivors of Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2004, 35, 2884-2889. | 1.0 | 100 |
| 6 | High prevalence of decreased cortisol reserve in brain-dead potential organ donors. <i>Critical Care Medicine</i> , 2003, 31, 1113-1117. | 0.4 | 85 |
| 7 | Endocrine abnormalities in critical care patients with moderate-to-severe head trauma: incidence, pattern and predisposing factors. <i>Intensive Care Medicine</i> , 2004, 30, 1051-1057. | 3.9 | 83 |
| 8 | ICU Admission Levels of Endothelial Biomarkers as Predictors of Mortality in Critically Ill COVID-19 Patients. <i>Cells</i> , 2021, 10, 186. | 1.8 | 81 |
| 9 | Health-Related Quality of Life and Disability in Survivors of Multiple Trauma One Year After Intensive Care Unit Discharge. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2004, 83, 171-176. | 0.7 | 79 |
| 10 | Cytomegalovirus reactivation in a general, nonimmunosuppressed intensive care unit population: Incidence, risk factors, associations with organ dysfunction, and inflammatory biomarkers. <i>Journal of Critical Care</i> , 2015, 30, 276-281. | 1.0 | 69 |
| 11 | A prospective study of pulmonary function in patients treated with paclitaxel and carboplatin. <i>Cancer</i> , 2002, 94, 452-458. | 2.0 | 64 |
| 12 | Serial changes in adiponectin and resistin in critically ill patients with sepsis: Associations with sepsis phase, severity, and circulating cytokine levels. <i>Journal of Critical Care</i> , 2012, 27, 400-409. | 1.0 | 54 |
| 13 | Hypothalamic-pituitary dysfunction in critically ill patients with traumatic and nontraumatic brain injury. <i>Intensive Care Medicine</i> , 2005, 31, 1020-1028. | 3.9 | 51 |
| 14 | Tumour necrosis factor-alpha (TNF \pm) and interleukin-10 are crucial mediators in post-operative systemic inflammatory response and determine the occurrence of complications after major abdominal surgery. <i>Cytokine</i> , 2007, 37, 55-61. | 1.4 | 51 |
| 15 | Thrombocytopenia in critically ill patients with severe sepsis/septic shock: Prognostic value and association with a distinct serum cytokine profile. <i>Journal of Critical Care</i> , 2016, 32, 9-15. | 1.0 | 50 |
| 16 | Plasma pro- and anti-inflammatory cytokine levels and outcome prediction in unselected critically ill patients. <i>Cytokine</i> , 2008, 41, 263-267. | 1.4 | 47 |
| 17 | The low-dose corticotropin stimulation test in acute traumatic and non-traumatic brain injury: incidence of hypo-responsiveness and relationship to outcome. <i>Intensive Care Medicine</i> , 2004, 30, 1216-1219. | 3.9 | 44 |
| 18 | Low 25-Hydroxyvitamin D Levels on Admission to the Intensive Care Unit May Predispose COVID-19 Pneumonia Patients to a Higher 28-Day Mortality Risk: A Pilot Study on a Greek ICU Cohort. <i>Nutrients</i> , 2020, 12, 3773. | 1.7 | 41 |

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|----|--|-----|-----------|
| 19 | Functional status and quality of life in long-term survivors of cardiac arrest after cardiac surgery. <i>Critical Care Medicine</i> , 2001, 29, 1408-1411. | 0.4 | 34 |
| 20 | Endocrine Alterations in Critically Ill Patients With Stroke During the Early Recovery Period. <i>Neurocritical Care</i> , 2005, 3, 224-229. | 1.2 | 34 |
| 21 | Immunoparalysis: Clinical and immunological associations in SIRS and severe sepsis patients. <i>Cytokine</i> , 2017, 92, 83-92. | 1.4 | 33 |
| 22 | Post-Intensive Care Syndrome in Survivors from Critical Illness including COVID-19 Patients: A Narrative Review. <i>Life</i> , 2022, 12, 107. | 1.1 | 30 |
| 23 | Prediction of prolonged ventilatory support in blunt thoracic trauma patients. <i>Intensive Care Medicine</i> , 2003, 29, 1101-1105. | 3.9 | 29 |
| 24 | A prospective study on adrenal cortex responses and outcome prediction in acute critical illness: results from a large cohort of 203 mixed ICU patients. <i>Intensive Care Medicine</i> , 2007, 33, 2116-2121. | 3.9 | 29 |
| 25 | Soluble Angiotensin Converting Enzyme 2 (ACE2) Is Upregulated and Soluble Endothelial Nitric Oxide Synthase (eNOS) Is Downregulated in COVID-19-induced Acute Respiratory Distress Syndrome (ARDS). <i>Pharmaceuticals</i> , 2021, 14, 695. | 1.7 | 29 |
| 26 | Glycemia, Beta-Cell Function and Sensitivity to Insulin in Mildly to Critically Ill Covid-19 Patients. <i>Medicina (Lithuania)</i> , 2021, 57, 68. | 0.8 | 29 |
| 27 | Longitudinal Assessment of Adrenal Function in the Early and Prolonged Phases of Critical Illness in Septic Patients: Relations to Cytokine Levels and Outcome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4471-4480. | 1.8 | 28 |
| 28 | Early serum levels of soluble triggering receptor expressed on myeloid cells ¹ in septic patients: Correlation with monocyte gene expression. <i>Journal of Critical Care</i> , 2012, 27, 294-300. | 1.0 | 26 |
| 29 | Lactate Kinetics Reflect Organ Dysfunction and Are Associated with Adverse Outcomes in Intensive Care Unit Patients with COVID-19 Pneumonia: Preliminary Results from a GREEK Single-Centre Study. <i>Metabolites</i> , 2020, 10, 386. | 1.3 | 26 |
| 30 | Microdialysis-assessed interstitium alterations during sepsis: relationship to stage, infection, and pathogen. <i>Intensive Care Medicine</i> , 2011, 37, 1756-64. | 3.9 | 25 |
| 31 | Red blood cell transfusion affects microdialysis-assessed interstitial lactate/pyruvate ratio in critically ill patients with late sepsis. <i>Intensive Care Medicine</i> , 2012, 38, 1843-1850. | 3.9 | 23 |
| 32 | Coronary flow reserve is associated with tissue ischemia and is an additive predictor of intensive care unit mortality to traditional risk scores in septic shock. <i>International Journal of Cardiology</i> , 2014, 172, 103-108. | 0.8 | 22 |
| 33 | Pituitary-adrenal responses to human corticotropin-releasing hormone in critically ill patients. <i>Intensive Care Medicine</i> , 2007, 33, 454-459. | 3.9 | 21 |
| 34 | Interstitial cortisol obtained by microdialysis in mechanically ventilated septic patients: Correlations with total and free serum cortisol. <i>Journal of Critical Care</i> , 2013, 28, 158-165. | 1.0 | 21 |
| 35 | Vitamin D deficiency correlates with a reduced number of natural killer cells in intensive care unit (ICU) and non-ICU patients with COVID-19 pneumonia. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 381-383. | 0.4 | 21 |
| 36 | Pituitary-adrenal responses following major abdominal surgery. <i>Hormones</i> , 2008, 7, 237-242. | 0.9 | 20 |

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|----|--|-----|-----------|
| 37 | Clinical Study of Hyperglycemia and SARS-CoV-2 Infection in Intensive Care Unit Patients. <i>In Vivo</i> , 2020, 34, 3029-3032. | 0.6 | 20 |
| 38 | Kinetics of Adipose Tissue Microdialysis-Derived Metabolites in Critically Ill Septic Patients. <i>Shock</i> , 2011, 35, 343-348. | 1.0 | 19 |
| 39 | Thyroid hormone alterations in critically and non-critically ill patients with SARS-CoV-2 infection. <i>Endocrine Connections</i> , 2021, 10, 646-655. | 0.8 | 19 |
| 40 | Balanced control of both hyper and hypo-inflammatory phases as a new treatment paradigm in sepsis. <i>Journal of Thoracic Disease</i> , 2016, 8, E312-E316. | 0.6 | 18 |
| 41 | Endothelial, Immunothrombotic, and Inflammatory Biomarkers in the Risk of Mortality in Critically Ill COVID-19 Patients: The Role of Dexamethasone. <i>Diagnostics</i> , 2021, 11, 1249. | 1.3 | 18 |
| 42 | Decreased glucocorticoid receptor expression during critical illness. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13073. | 1.7 | 17 |
| 43 | Interrelationship between blood and tissue lactate in a general intensive care unit: A subcutaneous adipose tissue microdialysis study on 162 critically ill patients. <i>Journal of Critical Care</i> , 2012, 27, 742.e9-742.e18. | 1.0 | 15 |
| 44 | Increased Autotaxin Levels in Severe COVID-19, Correlating with IL-6 Levels, Endothelial Dysfunction Biomarkers, and Impaired Functions of Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10006. | 1.8 | 15 |
| 45 | Adrenal function in non-septic long-stay critically ill patients: evaluation with the low-dose (1 μ g) corticotropin stimulation test. <i>Intensive Care Medicine</i> , 2002, 28, 1168-1171. | 3.9 | 14 |
| 46 | Mechanistic Understanding of Lung Inflammation: Recent Advances and Emerging Techniques. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3501-3546. | 1.6 | 14 |
| 47 | Longitudinal evaluation of glucocorticoid receptor alpha/beta expression and signalling, adrenocortical function and cytokines in critically ill steroid-free patients. <i>Molecular and Cellular Endocrinology</i> , 2020, 501, 110656. | 1.6 | 13 |
| 48 | Relationship of thyroid function to post-traumatic S-100b serum levels in survivors of severe head injury: preliminary results. <i>Intensive Care Medicine</i> , 2004, 30, 298-301. | 3.9 | 11 |
| 49 | Increased Glucocorticoid Receptor Alpha Expression and Signaling in Critically Ill Coronavirus Disease 2019 Patients*. <i>Critical Care Medicine</i> , 2021, 49, 2131-2136. | 0.4 | 10 |
| 50 | Endothelial protein C receptor polymorphisms and risk of severe sepsis in critically ill patients. <i>Intensive Care Medicine</i> , 2013, 39, 1752-1759. | 3.9 | 9 |
| 51 | Study of inflammatory biomarkers in COPD and asthma exacerbations. <i>Advances in Respiratory Medicine</i> , 2020, 88, 558-566. | 0.5 | 9 |
| 52 | Serum Neutrophil Gelatinase-Associated Lipocalin (NGAL) Could Provide Better Accuracy Than Creatinine in Predicting Acute Kidney Injury Development in Critically Ill Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 5379. | 1.0 | 9 |
| 53 | Pituitary β -Adrenal Responses and Glucocorticoid Receptor Expression in Critically Ill Patients with COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11473. | 1.8 | 8 |
| 54 | Leptospirosis presenting with encephalitis-induced coma. <i>Intensive Care Medicine</i> , 2002, 28, 1682-1682. | 3.9 | 7 |

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|----|---|-----|-----------|
| 55 | Increase of HO-1 Expression in Critically Ill COVID-19 Patients Is Associated with Poor Prognosis and Outcome. <i>Antioxidants</i> , 2022, 11, 1300. | 2.2 | 7 |
| 56 | Microdialysis-Assessed Adipose Tissue Metabolism, Circulating Cytokines and Outcome in Critical Illness. <i>Metabolites</i> , 2018, 8, 62. | 1.3 | 6 |
| 57 | Could Soluble Endothelial Protein C Receptor Levels Recognize SARS-CoV2-Positive Patients Requiring Hospitalization?. <i>Shock</i> , 2021, 56, 733-736. | 1.0 | 6 |
| 58 | Vitamin D in infectious complications in critically ill patients with or without COVID-19. <i>Metabolism Open</i> , 2021, 11, 100106. | 1.4 | 6 |
| 59 | Preclinical Pulmonary Capillary Endothelial Dysfunction is Present in Brain Dead Subjects. <i>Pulmonary Circulation</i> , 2013, 3, 419-425. | 0.8 | 5 |
| 60 | Adipose Tissue Lactate Clearance but Not Blood Lactate Clearance Is Associated with Clinical Outcome in Sepsis or Septic Shock during the Post-Resuscitation Period. <i>Metabolites</i> , 2018, 8, 28. | 1.3 | 5 |
| 61 | A novel ratio of CD8+B-cells as a prognostic marker of coronavirus disease 2019 patient progression and outcome. <i>Virology</i> , 2021, 556, 79-86. | 1.1 | 5 |
| 62 | Glucocorticoid and mineralocorticoid receptor expression in critical illness: A narrative review. <i>World Journal of Critical Care Medicine</i> , 2021, 10, 102-111. | 0.8 | 5 |
| 63 | Evaluating the Role of the Interleukin-23/17 Axis in Critically Ill COVID-19 Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 891. | 1.1 | 5 |
| 64 | Testosterone, free, bioavailable and total, in patients with COVID-19. <i>Minerva Endocrinology</i> , 2022, 47, . | 0.6 | 5 |
| 65 | Autotaxin Has a Negative Role in Systemic Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7920. | 1.8 | 5 |
| 66 | Knockdown of bone morphogenetic protein type II receptor leads to decreased aquaporin 1 expression and function in human pulmonary microvascular endothelial cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 834-839. | 0.7 | 4 |
| 67 | Serum Coenzyme Q10 Levels are Decreased in Critically-Ill Septic Patients: Results From a Preliminary Study. <i>Biological Research for Nursing</i> , 2021, 23, 198-207. | 1.0 | 4 |
| 68 | A role for bronchial epithelial autotaxin in ventilator-induced lung injury. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 12. | 0.9 | 4 |
| 69 | Demographic, Clinical and Immunogenetic Profiles of a Greek Cohort of COVID-19 Patients. <i>Life</i> , 2021, 11, 1017. | 1.1 | 3 |
| 70 | Microdialysis-Assessed Adipose Tissue Metabolism in Critically Ill Patients. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2018, 11, 32-38. | 0.7 | 3 |
| 71 | Selection of the Appropriate Control Group Is Essential in Evaluating the Cytokine Storm in COVID-19. <i>In Vivo</i> , 2021, 35, 1295-1298. | 0.6 | 2 |
| 72 | Quality of Life, Depression, and Anxiety in Survivors of Critical Illness from a Greek ICU. A Prospective Observational Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 849. | 1.0 | 2 |

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|----|--|-----|-----------|
| 73 | Combination of the CD8+ B-cell and Neutrophil-to-Lymphocyte Ratio as a Novel Prediction Model for Intubation Need and Disease Severity in COVID-19 Patients. <i>In Vivo</i> , 2021, 35, 3305-3313. | 0.6 | 2 |
| 74 | Lactate and Lactate-to-Pyruvate Ratio in Critically Ill COVID-19 Patients: A Pilot Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 171. | 1.1 | 2 |
| 75 | Thyroid hormone levels improve the prediction of mortality among patients admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2006, 32, 616-616. | 3.9 | 1 |
| 76 | Decreased bone morphogenetic protein type II receptor and BMP-related signalling molecules™ expression in aquaporin 1-silenced human pulmonary microvascular endothelial cells. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 84-86. | 0.4 | 1 |
| 77 | Low Admission Immunoglobulin G Levels Predict Poor Outcome in Patients with Mild-to-Critical COVID-19: A Prospective, Single-Center Study. <i>Journal of Epidemiology and Global Health</i> , 2021, 11, 338-343. | 1.1 | 1 |
| 78 | Low Admission Immunoglobulin G Levels Predict Poor Outcome in Patients with Mild-to-Critical COVID-19: A Prospective, Single-Center Study. <i>Journal of Epidemiology and Global Health</i> , 2021, 11, 338-343. | 1.1 | 1 |
| 79 | Evidence of Subcutaneous Tissue Lipolysis Enhancement by Endogenous Cortisol in Critically Ill Patients Without Shock. <i>In Vivo</i> , 2015, 29, 497-9. | 0.6 | 1 |
| 80 | Comparison of the Mortality Prediction Value of Soluble Urokinase Plasminogen Activator Receptor (suPAR) in COVID-19 and Sepsis. <i>Diagnostics</i> , 2022, 12, 1261. | 1.3 | 1 |
| 81 | Intelligent Pervasive Monitoring Solution of COVID-19 Patients. <i>Studies in Health Technology and Informatics</i> , 2022, , . | 0.2 | 1 |
| 82 | Comment on "Prognostic value of relative adrenal insufficiency after out-of-hospital cardiac arrest" by Pene et al.. <i>Intensive Care Medicine</i> , 2005, 31, 1139-1139. | 3.9 | 0 |
| 83 | Adrenal insufficiency after brain injury. <i>Intensive Care Medicine</i> , 2006, 32, 794-794. | 3.9 | 0 |
| 84 | Investigating the prognostic accuracy of standardized data mining algorithms in intensive care unit. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2009, 8, 253-259. | 0.1 | 0 |
| 85 | Prognostic Value of Bone Formation and Resorption Proteins in Heterotopic Ossification in Critically-Ill Patients. A Single-Centre Study. <i>The Journal of Critical Care Medicine</i> , 2021, 7, 37-45. | 0.3 | 0 |
| 86 | Hypothalamic-pituitary dysfunction in critically ill patients with traumatic and nontraumatic brain injury. , 2009, , 293-301. | | 0 |
| 87 | Hypothalamic-pituitary dysfunction in critically ill patients with traumatic and nontraumatic brain injury. , 2012, , 163-171. | | 0 |
| 88 | Hypothalamic-pituitary dysfunction in critically ill patients with traumatic and nontraumatic brain injury. , 2006, , 249-257. | | 0 |