

Rami A Namas

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,421
citations

304743

22
h-index

345221

36
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docs citations

47
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	The independent prognostic value of global epigenetic alterations: An analysis of single-cell ATAC-seq of circulating leukocytes from trauma patients followed by validation in whole blood leukocyte transcriptomes across three etiologies of critical illness. <i>EBioMedicine</i> , 2022, 76, 103860.	6.1	7
2	A road map from single-cell transcriptome to patient classification for the immune response to trauma. <i>JCI Insight</i> , 2021, 6, .	5.0	29
3	Protective/reparative cytokines are suppressed at high injury severity in human trauma. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000619.	1.6	10
4	Analysis of the Plasma Metabolome after Trauma, Novel Circulating Sphingolipid Signatures, and In-Hospital Outcomes. <i>Journal of the American College of Surgeons</i> , 2021, 232, 276-287e1.	0.5	17
5	A putative "chemokine switch" that regulates systemic acute inflammation in humans. <i>Scientific Reports</i> , 2021, 11, 9703.	3.3	12
6	Early dynamic orchestration of immunologic mediators identifies multiply injured patients who are tolerant or sensitive to hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 441-450.	2.1	8
7	Predicting Experimental Sepsis Survival with a Mathematical Model of Acute Inflammation. <i>Frontiers in Systems Biology</i> , 2021, 1, .	0.7	2
8	Multi-omic analysis in injured humans: Patterns align with outcomes and treatment responses. <i>Cell Reports Medicine</i> , 2021, 2, 100478.	6.5	35
9	An Aging-Related Single-Nucleotide Polymorphism is Associated With Altered Clinical Outcomes and Distinct Inflammatory Profiles in Aged Blunt Trauma Patients. <i>Shock</i> , 2020, 53, 146-155.	2.1	6
10	Quality Control Measures and Validation in Gene Association Studies: Lessons for Acute Illness. <i>Shock</i> , 2020, 53, 256-268.	2.1	1
11	Unsupervised Clustering Analysis Based on MODS Severity Identifies Four Distinct Organ Dysfunction Patterns in Severely Injured Blunt Trauma Patients. <i>Frontiers in Medicine</i> , 2020, 7, 46.	2.6	13
12	Computational Derivation of Core, Dynamic Human Blunt Trauma Inflammatory Endotypes. <i>Frontiers in Immunology</i> , 2020, 11, 589304.	4.8	12
13	Insights into the association between coagulopathy and inflammation: abnormal clot mechanics are a warning of immunologic dysregulation following major injury. <i>Annals of Translational Medicine</i> , 2020, 8, 1576-1576.	1.7	7
14	Elevations in Circulating sST2 Levels Are Associated With In-Hospital Mortality and Adverse Clinical Outcomes After Blunt Trauma. <i>Journal of Surgical Research</i> , 2019, 244, 23-33.	1.6	12
15	Diurnal Variation in Systemic Acute Inflammation and Clinical Outcomes Following Severe Blunt Trauma. <i>Frontiers in Immunology</i> , 2019, 10, 2699.	4.8	10
16	Computational evidence for an early, amplified systemic inflammation program in polytrauma patients with severe extremity injuries. <i>PLoS ONE</i> , 2019, 14, e0217577.	2.5	26
17	MPPED2 Polymorphism Is Associated With Altered Systemic Inflammation and Adverse Trauma Outcomes. <i>Frontiers in Genetics</i> , 2019, 10, 1115.	2.3	11
18	Young and Aged Blunt Trauma Patients Display Major Differences in Circulating Inflammatory Mediator Profiles after Severe Injury. <i>Journal of the American College of Surgeons</i> , 2019, 228, 148-160e7.	0.5	25

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19	An Enrichment Strategy Yields Seven Novel Single Nucleotide Polymorphisms Associated With Mortality and Altered Th17 Responses Following Blunt Trauma. <i>Shock</i> , 2018, 49, 259-268.	2.1	27
20	What's New in <i>Shock</i> , June 2018?. <i>Shock</i> , 2018, 49, 613-615.	2.1	0
21	Inflammation and disease: Modelling and modulation of the inflammatory response to alleviate critical illness. <i>Current Opinion in Systems Biology</i> , 2018, 12, 22-29.	2.6	18
22	“Thinking” vs. “Talking”: Differential Autocrine Inflammatory Networks in Isolated Primary Hepatic Stellate Cells and Hepatocytes under Hypoxic Stress. <i>Frontiers in Physiology</i> , 2017, 8, 1104.	2.8	4
23	IL33-mediated ILC2 activation and neutrophil IL5 production in the lung response after severe trauma: A reverse translation study from a human cohort to a mouse trauma model. <i>PLoS Medicine</i> , 2017, 14, e1002365.	8.4	88
24	Elevated Admission Base Deficit Is Associated with a Complex Dynamic Network of Systemic Inflammation Which Drives Clinical Trajectories in Blunt Trauma Patients. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	3.0	27
25	Temporal Patterns of Circulating Inflammation Biomarker Networks Differentiate Susceptibility to Nosocomial Infection Following Blunt Trauma in Humans. <i>Annals of Surgery</i> , 2016, 263, 191-198.	4.2	122
26	Computational Analysis Supports an Early, Type 17 Cell-Associated Divergence of Blunt Trauma Survival and Mortality*. <i>Critical Care Medicine</i> , 2016, 44, e1074-e1081.	0.9	76
27	Individual-specific principal component analysis of circulating inflammatory mediators predicts early organ dysfunction in trauma patients. <i>Journal of Critical Care</i> , 2016, 36, 146-153.	2.2	55
28	From static to dynamic: a sepsis-specific dynamic model from clinical criteria in polytrauma patients. <i>Annals of Translational Medicine</i> , 2016, 4, 492-492.	1.7	6
29	Prehospital Hypotension Is Associated With Altered Inflammation Dynamics and Worse Outcomes Following Blunt Trauma in Humans*. <i>Critical Care Medicine</i> , 2015, 43, 1395-1404.	0.9	57
30	Impact of Injury Severity on Dynamic Inflammation Networks Following Blunt Trauma. <i>Shock</i> , 2015, 44, 101-109.	2.1	61
31	Insights into the Role of Chemokines, Damage-Associated Molecular Patterns, and Lymphocyte-Derived Mediators from Computational Models of Trauma-Induced Inflammation. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1370-1387.	5.4	82
32	Injury-induced MRP8/MRP14 stimulates IP-10/CXCL10 in monocytes/macrophages. <i>FASEB Journal</i> , 2015, 29, 250-262.	0.5	48
33	Trauma in silico: Individual-specific mathematical models and virtual clinical populations. <i>Science Translational Medicine</i> , 2015, 7, 285ra61.	12.4	66
34	The early evolving sex hormone environment is associated with significant outcome and inflammatory response differences after injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 451-458.	2.1	22
35	Inducible Protein-10, a Potential Driver of Neurally Controlled Interleukin-10 and Morbidity in Human Blunt Trauma*. <i>Critical Care Medicine</i> , 2014, 42, 1487-1497.	0.9	57
36	X Chromosome-Linked IRAK-1 Polymorphism Is a Strong Predictor of Multiple Organ Failure and Mortality Postinjury. <i>Annals of Surgery</i> , 2014, 260, 698-705.	4.2	29

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37	Combined In Silico, In Vivo, and In Vitro Studies Shed Insights into the Acute Inflammatory Response in Middle-Aged Mice. PLoS ONE, 2013, 8, e67419.	2.5	18
38	Central Role for MCP-1/CCL2 in Injury-Induced Inflammation Revealed by In Vitro, In Silico, and Clinical Studies. PLoS ONE, 2013, 8, e79804.	2.5	91
39	A Biohybrid Device for the Systemic Control of Acute Inflammation. Disruptive Science and Technology, 2012, 1, 20-27.	1.0	11
40	Persistence of Elevated Plasma CXCL8 Concentrations Following Red Blood Cell Transfusion in a Trauma Cohort. Shock, 2012, 37, 373-377.	2.1	5
41	Identification of a Novel Pathway of Transforming Growth Factor- β 1 Regulation by Extracellular NAD ⁺ in Mouse Macrophages. Journal of Biological Chemistry, 2012, 287, 31003-31014.	3.4	5
42	Sepsis: From Pattern to Mechanism and Back. Critical Reviews in Biomedical Engineering, 2012, 40, 341-351.	0.9	28
43	Hemoabsorption Reprograms Inflammation in Experimental Gram-negative Septic Peritonitis: Insights from In Vivo and In Silico Studies. Molecular Medicine, 2012, 18, 1366-1374.	4.4	52
44	Racial Disparities and Sex-Based Outcomes Differences after Severe Injury. Journal of the American College of Surgeons, 2012, 214, 973-980.	0.5	21
45	Sepsis: Something old, something new, and a systems view. Journal of Critical Care, 2012, 27, 314.e1-314.e11.	2.2	95
46	A Systemic Storm in Critically Injured Humans Revealed by Longitudinal Multi-Omics. SSRN Electronic Journal, 0, , .	0.4	0