

# Kalev Freeman

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,345  
citations

489802

18  
h-index

388640

36  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased histone-DNA complexes and endothelial-dependent thrombin generation in severe COVID-19. <i>Vascular Pharmacology</i> , 2022, 142, 106950.	1.0	13
2	Enhanced Stability and Oral Bioavailability of Cannabidiol in Zein and Whey Protein Composite Nanoparticles by a Modified Anti-Solvent Approach. <i>Foods</i> , 2022, 11, 376.	1.9	15
3	Assessing Factor V Antigen and Degradation Products in Burn and Trauma Patients. <i>Journal of Surgical Research</i> , 2022, 274, 169-177.	0.8	1
4	Impaired capillary-to-arteriolar electrical signaling after traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1313-1327.	2.4	15
5	Traumatic Brain Injury Impairs Systemic Vascular Function through Disruption of Inward-Rectifier Potassium Channels. <i>Function</i> , 2021, 2, .	1.1	9
6	An oropharyngeal device for airway management of conscious and semiconscious patients: A randomized clinical trial. <i>Journal of the American College of Emergency Physicians Open</i> , 2021, 2, e12440.	0.4	0
7	Thrombo-inflammatory biomarkers and D-dimer in a biracial cohort study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2021, 5, e12632.	1.0	3
8	Dense and dangerous: The tissue plasminogen activator-resistant fibrinolysis shutdown phenotype is due to abnormal fibrin polymerization. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 258-265.	1.1	10
9	Actin is associated with tissue injury in trauma patients and produces a hypercoagulable profile in vitro. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 87-95.	1.1	9
10	Diagnostic Performance of Carbon Monoxide Testing by Pulse Oximetry in the Emergency Department. <i>Respiratory Care</i> , 2019, 64, 1351-1357.	0.8	8
11	Accuracy of Point-of-Care Testing for Anemia in the Emergency Department. <i>Respiratory Care</i> , 2019, 64, 1343-1350.	0.8	16
12	Extracellular histones induce calcium signals in the endothelium of resistance-sized mesenteric arteries and cause loss of endothelium-dependent dilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1309-H1322.	1.5	29
13	Myogenic tone contributes to the regulation of permeability in mesenteric microvessels. <i>Microvascular Research</i> , 2019, 125, 103873.	1.1	1
14	Assessment of Coagulation Homeostasis in Blunt, Penetrating, and Thermal Trauma: Guidance for a Multicenter Systems Biology Approach. <i>Shock</i> , 2019, 52, 84-91.	1.0	7
15	Optimization of a diagnostic platform for oxidation-reduction potential (ORP) measurement in human plasma. <i>Redox Report</i> , 2018, 23, 125-129.	1.4	15
16	Implementing assessments via mobile during the acute posttrauma period: feasibility, acceptability and strategies to improve response rates. <i>HÅrgre Utbildning</i> , 2018, 9, 1500822.	1.4	13
17	Continuous thrombin generation in whole blood: New applications for assessing activators and inhibitors of coagulation. <i>Analytical Biochemistry</i> , 2018, 551, 19-25.	1.1	21
18	Extracellular Histones Trigger Endothelial Calcium Signals that Paradoxically do not Cause Vasodilation, and Instead, Compromise Endothelial Function. <i>FASEB Journal</i> , 2018, 32, 843.22.	0.2	0

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19	Increased Hydrogen Peroxide After Traumatic Brain Injury Disrupts Phosphatidylinositol 4,5-Bisphosphate Metabolism Causing Impaired Inward Rectifier Potassium Channel Function. <i>FASEB Journal</i> , 2018, 32, 703.4.	0.2	0
20	Traumatic Brain Injury Causes Endothelial Dysfunction in the Systemic Microcirculation through Arginase-1-Dependent Uncoupling of Endothelial Nitric Oxide Synthase. <i>Journal of Neurotrauma</i> , 2017, 34, 192-203.	1.7	66
21	Tracking Post-trauma Psychopathology Using Mobile Applications: a Usability Study. <i>Journal of Technology in Behavioral Science</i> , 2017, 2, 41-48.	1.3	15
22	Traumatic brain injury impairs sensorimotor function in mice. <i>Journal of Surgical Research</i> , 2017, 213, 100-109.	0.8	24
23	Cold Blooded: Evaluating Brain Temperature by MRI During Surface Cooling of Human Subjects. <i>Neurocritical Care</i> , 2017, 27, 214-219.	1.2	2
24	Dynamic changes in diffusion measures improve sensitivity in identifying patients with mild traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0178360.	1.1	9
25	Does Routine Midazolam Administration Prior to Nasogastric Tube Insertion in the Emergency Department Decrease Patients' Pain? (A Pilot Study). <i>Academic Emergency Medicine</i> , 2016, 23, 766-771.	0.8	6
26	Prevention of treatment-related fluid overload reduces estimated effective cost of prothrombin complex concentrate in patients requiring rapid vitamin K antagonist reversal. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2016, 16, 135-139.	0.7	9
27	Continuous Thrombin Generation in Whole Blood: New Applications. <i>Blood</i> , 2016, 128, 4979-4979.	0.6	0
28	Clinical assessment of trauma-induced coagulopathy and its contribution to postinjury mortality. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 490-492.	1.1	32
29	Cognitive Improvement after Mild Traumatic Brain Injury Measured with Functional Neuroimaging during the Acute Period. <i>PLoS ONE</i> , 2015, 10, e0126110.	1.1	46
30	Promoting tobacco cessation utilizing pre-health professional students as research associates in the emergency department. <i>Addictive Behaviors</i> , 2015, 40, 73-76.	1.7	9
31	Traumatic Brain Injury Disrupts Cerebrovascular Tone Through Endothelial Inducible Nitric Oxide Synthase Expression and Nitric Oxide Gain of Function. <i>Journal of the American Heart Association</i> , 2014, 3, e001474.	1.6	49
32	Acute lower urinary tract dysfunction (LUTD) following traumatic brain injury (TBI) in rats. <i>Neurourology and Urodynamics</i> , 2014, 33, 1159-1164.	0.8	11
33	Potholes and Molehills: Bias in the Diagnostic Performance of Diffusion-Tensor Imaging in Concussion. <i>Radiology</i> , 2014, 272, 217-223.	3.6	33
34	Perceptions about time for normalization of international normalized ratio in patients requiring acute warfarin reversal when using fresh-frozen plasma. <i>American Journal of Emergency Medicine</i> , 2013, 31, 878-879.	0.7	1
35	Cellular technology improves transmission success of pre-hospital electrocardiograms. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1564-1570.	0.7	4
36	Airway, breathing, computed tomographic scanning. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 813-817.	1.1	30

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37	CEREBRAL VASCULAR DYSFUNCTION FOLLOWING TRAUMATIC BRAIN INJURY. FASEB Journal, 2013, 27, 875.6.	0.2	0
38	Increased endothelial calcium signals in cerebral vessels following traumatic brain injury. FASEB Journal, 2013, 27, 875.9.	0.2	0
39	King LTS-D use by EMT-intermediates in a rural prehospital setting without intubation availability. Resuscitation, 2012, 83, e160-e161.	1.3	4
40	Cardiac Reactive Oxygen Species After Traumatic Brain Injury. Journal of Surgical Research, 2012, 173, e73-e81.	0.8	36
41	Requirements and Definitions in Conflict of Interest Policies of Medical Journals. JAMA - Journal of the American Medical Association, 2009, 302, 2230.	3.8	97
42	Cocaine, Myocardial Infarction, and $\beta$ -Blockers: Time to Rethink the Equation?. Annals of Emergency Medicine, 2008, 51, 130-134.	0.3	28
43	Effects of Presentation and Electrocardiogram on Time to Treatment of Hyperkalemia. Academic Emergency Medicine, 2008, 15, 239-249.	0.8	56
44	Ultrasound-guided hip arthrocentesis in the ED. American Journal of Emergency Medicine, 2007, 25, 80-86.	0.7	45
45	Clinical Decisionmaking: Opening the Black Box of Cognitive Reasoning. Annals of Emergency Medicine, 2006, 48, 713-719.	0.3	70
46	Genetic variability in forced and voluntary endurance exercise performance in seven inbred mouse strains. Journal of Applied Physiology, 2002, 92, 2245-2255.	1.2	238
47	Low Sequence Variation in the Gene Encoding the Human $\beta$ -Myosin Heavy Chain. Genomics, 2001, 76, 73-80.	1.3	10
48	Alterations in cardiac adrenergic signaling and calcium cycling differentially affect the progression of cardiomyopathy. Journal of Clinical Investigation, 2001, 107, 967-974.	3.9	173
49	Genetic polymorphism of the $\beta$ -adrenergic receptor is associated with increased platelet aggregation, baroreceptor sensitivity, and salt excretion in normotensive humans. American Journal of Hypertension, 1995, 8, 863-869.	1.0	53