Frederick K Korley

List of Publications by Year
in descending order

57 papers	1,977 citations	331670 21 h-index	265206 42 g-index
57 all docs	57 docs citations	57 times ranked	3192 citing authors

#	Article	IF	Citations
1	Recovery After Mild Traumatic Brain Injury in Patients Presenting to US Level I Trauma Centers. JAMA Neurology, 2019, 76, 1049.	9.0	247
2	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2017, 318, 1913.	7.4	188
3	Risk of Posttraumatic Stress Disorder and Major Depression in Civilian Patients After Mild Traumatic Brain Injury. JAMA Psychiatry, 2019, 76, 249.	11.0	170
4	Association between plasma GFAP concentrations and MRI abnormalities in patients with CT-negative traumatic brain injury in the TRACK-TBI cohort: a prospective multicentre study. Lancet Neurology, The, 2019, 18, 953-961.	10.2	150
5	Preparing the United States for High-Sensitivity Cardiac Troponin Assays. Journal of the American College of Cardiology, 2013, 61, 1753-1758.	2.8	129
6	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 215-225.	3.4	118
7	Emergency Department Evaluation of Traumatic Brain Injury in the United States, 2009â€“2010. Journal of Head Trauma Rehabilitation, 2016, 31, 379-387.	1.7	80
8	Point-of-Care Platform Blood Biomarker Testing of Glial Fibrillary Acidic Protein versus S100 Calcium-Binding Protein B for Prediction of Traumatic Brain Injuries: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Study. Journal of Neurotrauma, 2020, 37, 2460-2467.	3.4	72
9	Performance Evaluation of a Multiplex Assay for Simultaneous Detection of Four Clinically Relevant Traumatic Brain Injury Biomarkers. Journal of Neurotrauma, 2019, 36, 182-187.	3.4	63
10	Serum NfL (Neurofilament Light Chain) Levels and Incident Stroke in Adults With Diabetes Mellitus. Stroke, 2019, 50, 1669-1675.	2.0	60
11	Age-Related Differences in Diagnostic Accuracy of Plasma Glial Fibrillary Acidic Protein and Tau for Identifying Acute Intracranial Trauma on Computed Tomography: A TRACK-TBI Study. Journal of Neurotrauma, 2018, 35, 2341-2350.	3.4	44
12	Elevated markers of brain injury as a result of clinically asymptomatic high-acceleration head impacts in high-school football athletes. Journal of Neurosurgery, 2019, 130, 1642-1648.	1.6	44
13	Poor sleep is linked to impeded recovery from traumatic brain injury. Sleep, 2018, 41, .	1.1	37
14	Troponin Elevations Only Detected With a Highâ€sensitivity Assay: Clinical Correlations and Prognostic Significance. Academic Emergency Medicine, 2014, 21, 727-735.	1.8	36
15	Serum neurogranin measurement as a biomarker of acute traumatic brain injury. Clinical Biochemistry, 2015, 48, 843-848.	1.9	36
16	Derivation of a Three Biomarker Panel to Improve Diagnosis in Patients with Mild Traumatic Brain Injury. Frontiers in Neurology, 2017, 8, 641.	2.4	35
17	High-Sensitivity C-Reactive Protein is a Prognostic Biomarker of Six-Month Disability after Traumatic Brain Injury: Results from the TRACK-TBI Study. Journal of Neurotrauma, 2021, 38, 918-927.	3.4	33
18	Valproic Acid Treatment Decreases Serum Glial Fibrillary Acidic Protein and Neurofilament Light Chain Levels in Swine Subjected to Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1185-1191.	3.4	30

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19	Circulating levels of plasminogen and oxidized phospholipids bound to plasminogen distinguish between atherothrombotic and non-atherothrombotic myocardial infarction. Journal of Thrombosis and Thrombolysis, 2016, 42, 61-76.	2.1	28
20	Comparison of GFAP and UCH-L1 Measurements from Two Prototype Assays: The Abbott i-STAT and ARCHITECT Assays. Neurotrauma Reports, 2021, 2, 193-199.	1.4	26
21	Agreement Between Routine Emergency Department Care and Clinical Decision Support Recommended Care in Patients Evaluated for Mild Traumatic Brain Injury. Academic Emergency Medicine, 2013, 20, 463-469.	1.8	25
22	DRD2 C957T polymorphism is associated with improved 6-month verbal learning following traumatic brain injury. Neurogenetics, 2017, 18, 29-38.	1.4	24
23	Estimating coronary blood flow using CT transluminal attenuation flow encoding: Formulation, preclinical validation, and clinical feasibility. Journal of Cardiovascular Computed Tomography, 2015, 9, 559-566.e1.	1.3	20
24	Emergency department blood alcohol level associates with injury factors and six-month outcome after uncomplicated mild traumatic brain injury. Journal of Clinical Neuroscience, 2017, 45, 293-298.	1.5	20
25	Readmission Risk Trajectories for Patients With Heart Failure Using a Dynamic Prediction Approach: Retrospective Study. JMIR Medical Informatics, 2019, 7, e14756.	2.6	20
26	Head injury serum markers for assessing response to trauma: Design of the HeadSMART study. Brain Injury, 2017, 31, 370-378.	1.2	19
27	Low High-Sensitivity Troponin I and Zero Coronary Artery Calcium Score Identifies Coronary CT Angiography Candidates in Whom Further Testing Could be Avoided. Academic Radiology, 2015, 22, 1060-1067.	2.5	18
28	Sliding Scoring of the Glasgow Outcome Scale-Extended as Primary Outcome in Traumatic Brain Injury Trials. Journal of Neurotrauma, 2020, 37, 2674-2679.	3.4	17
29	Temporal profile of care following mild traumatic brain injury: predictors of hospital admission, follow-up referral and six-month outcome. Brain Injury, 2017, 31, 1820-1829.	1.2	15
30	Prevalence of Incomplete Functional and Symptomatic Recovery among Patients with Head Injury but Brain Injury Debatable. Journal of Neurotrauma, 2017, 34, 1531-1538.	3.4	15
31	A Prognostic Model for Predicting One-Month Outcomes among Emergency Department Patients with Mild Traumatic Brain Injury and a Presenting Glasgow Coma Scale of Fifteen. Journal of Neurotrauma, 2021, 38, 2714-2722.	3.4	13
32	Bayesian hierarchical EMAX model for doseâ€response in early phase efficacy clinical trials. Statistics in Medicine, 2019, 38, 3123-3138.	1.6	12
33	Age differences in outcome after mild traumatic brain injury: results from the HeadSMART study. International Review of Psychiatry, 2020, 32, 22-30.	2.8	12
34	A Variable Height Microfluidic Device for Multiplexed Immunoassay Analysis of Traumatic Brain Injury Biomarkers. Biosensors, 2021, 11, 320.	4.7	11
35	Hepatoma-derived Growth Factor Predicts Disease Severity and Survival in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1264-1272.	5.6	10
36	Progressive myocardial injury is associated with mortality in the acute respiratory distress syndrome. Journal of Critical Care, 2018, 48, 26-31.	2.2	10

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37	Clinical Gestalt for Early Prediction of Delayed Functional and Symptomatic Recovery From Mild Traumatic Brain Injury Is Inadequate. Academic Emergency Medicine, 2019, 26, 1384-1387.	1.8	10
38	Dynamic Changes in Highâ€Sensitivity Cardiac Troponin I Are Associated with Dynamic Changes in Sum Absolute <scp>QRST</scp> Integral on Surface Electrocardiogram in Acute Decompensated Heart Failure. Annals of Noninvasive Electrocardiology, 2017, 22, .	1.1	9
39	Progesterone Treatment Does Not Decrease Serum Levels of Biomarkers of Glial and Neuronal Cell Injury in Moderate and Severe Traumatic Brain Injury Subjects: A Secondary Analysis of the Progesterone for Traumatic Brain Injury, Experimental Clinical Treatment (ProTECT) III Trial. Journal of Neurotrauma, 2021, 38, 1953-1960.	3.4	9
40	Clinical risk factors alone are inadequate for predicting significant coronary artery disease. Journal of Cardiovascular Computed Tomography, 2017, 11, 309-316.	1.3	7
41	Incidence and Clinical Impact of Myocardial Injury Following Traumatic Brain Injury. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, .	1.2	7
42	High-sensitivity troponin: where are we now and where do we go from here?. Biomarkers in Medicine, 2014, 8, 1021-1032.	1.4	6
43	High Sensitivity Cardiac Troponin Assays - How to Implement them Successfully. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2016, 27, 217-23.	0.7	6
44	Association of High-Sensitivity Troponin with Cardiac CT Angiography Evidence of Myocardial and Coronary Disease in a Primary Prevention Cohort of Men: Results from MACS. journal of applied laboratory medicine, The, 2019, 4, 355-369.	1.3	5
45	Loss of Consciousness and Altered Mental State as Predictors of Functional Recovery Within 6 Months Following Mild Traumatic Brain Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2020, 32, 132-138.	1.8	5
46	Association of Vasopressor Choice with Clinical and Functional Outcomes Following Moderate to Severe Traumatic Brain Injury: A TRACK-TBI Study. Neurocritical Care, 2022, 36, 180-191.	2.4	5
47	Risk Factors and Neurological Outcomes Associated With Circulatory Shock After Moderateâ€“Severe Traumatic Brain Injury: A TRACK-TBI Study. Neurosurgery, 2022, 91, 427-436.	1.1	5
48	Influence of study population definition on the effect of age on outcomes after blunt head trauma. Brain Injury, 2018, 32, 1725-1730.	1.2	4
49	The Wait for High-Sensitivity Troponin Is Overâ€”Proceed Cautiously. JAMA Cardiology, 2018, 3, 112.	6.1	3
50	Pulmonary and systemic hemodynamics are associated with myocardial injury in the acute respiratory distress syndrome. Pulmonary Circulation, 2020, 10, 1-9.	1.7	3
51	Biomarkers May Provide Unique Insights Into Neurological Effects Associated With Sport-Related Concussions. JAMA Network Open, 2020, 3, e1919799.	5.9	2
52	Prevalence and Correlates of Depressive Symptoms Within 6 Months After First-Time Mild Traumatic Brain Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2022, 34, 367-377.	1.8	2
53	Varicella-zoster virus encephalitis in an immunocompetent patient without a rash. American Journal of Emergency Medicine, 2016, 34, 2257.e1-2257.e2.	1.6	1
54	Self-reported cocaine use is not associated with elevations in high-sensitivity troponin I. Clinical Toxicology, 2017, 55, 332-337.	1.9	1

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55	Just Say No to Testing. Annals of Emergency Medicine, 2018, 72, 352-353.	0.6	0
56	Evaluation of eight plasma proteins as candidate blood-based biomarkers for malignant gliomas.. Journal of Clinical Oncology, 2014, 32, e13011-e13011.	1.6	0
57	Abstract 18651: Proteomic Discovery of Pulmonary Hypertension Biomarker Hepatoma Derived Growth Factor. Circulation, 2015, 132, .	1.6	0