

Majid Afshar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

984
citations

17
h-index

28
g-index

88
ext. papers

1,492
ext. citations

4.4
avg, IF

4.49
L-index

#	Paper	IF	Citations
75	Development and multimodal validation of a substance misuse algorithm for referral to treatment using artificial intelligence (SMART-AI): a retrospective deep learning study. <i>The Lancet Digital Health</i> , 2022 , 4, e426-e435	14.4	2
74	Response to Fitzgerald & Bernholtz: There is still much work to be done for digital classifiers.. <i>Addiction</i> , 2021 ,	4.6	
73	External validation of a machine learning classifier to identify unhealthy alcohol use in hospitalized patients. <i>Addiction</i> , 2021 ,	4.6	2
72	Image and structured data analysis for prognostication of health outcomes in patients presenting to the ED during the COVID-19 pandemic.. <i>International Journal of Medical Informatics</i> , 2021 , 158, 104662	5.3	0
71	Investigating Unhealthy Alcohol Use As an Independent Risk Factor for Increased COVID-19 Disease Severity: Observational Cross-sectional Study. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e33022	11.4	1
70	Research Needs for Inpatient Management of Severe Alcohol Withdrawal Syndrome: An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, e61-e87	10.2	3
69	Internal and External Validation of an Alcohol Biomarker for Screening in Trauma. <i>Annals of Surgery</i> , 2021 ,	7.8	2
68	External validation of an opioid misuse machine learning classifier in hospitalized adult patients. <i>Addiction Science & Clinical Practice</i> , 2021 , 16, 19	4.1	3
67	Identifying High-Risk Subphenotypes and Associated Harms From Delayed Antibiotic Orders and Delivery. <i>Critical Care Medicine</i> , 2021 , 49, 1694-1705	1.4	5
66	Determining the Electronic Signature of Infection in Electronic Health Record Data. <i>Critical Care Medicine</i> , 2021 , 49, e673-e682	1.4	2
65	Factors associated with phosphatidylethanol (PEth) sensitivity for detecting unhealthy alcohol use: An individual patient data meta-analysis. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 1166-1187	3.7	5
64	Pre-training phenotyping classifiers. <i>Journal of Biomedical Informatics</i> , 2021 , 113, 103626	10.2	0
63	Unhealthy alcohol and drug use is associated with an increased length of stay and hospital cost in patients undergoing major upper gastrointestinal and pancreatic oncologic resections. <i>Surgery</i> , 2021 , 169, 636-643	3.6	0
62	Prediction of severe chest injury using natural language processing from the electronic health record. <i>Injury</i> , 2021 , 52, 205-212	2.5	4
61	Comparison and interpretability of machine learning models to predict severity of chest injury. <i>JAMIA Open</i> , 2021 , 4, ooab015	2.9	2
60	Bias and fairness assessment of a natural language processing opioid misuse classifier: detection and mitigation of electronic health record data disadvantages across racial subgroups. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 2393-2403	8.6	3
59	The Addition of United States Census-Tract Data Does Not Improve the Prediction of Substance Misuse. 2021 , 2021, 1149-1158	0.7	

58	Bias Assessment and Correction in Machine Learning Algorithms: A Use-Case in a Natural Language Processing Algorithm to Identify Hospitalized Patients with Unhealthy Alcohol Use. 2021 , 2021, 247-254 ^{0.7}		
57	Comparison of Early Warning Scoring Systems for Hospitalized Patients With and Without Infection at Risk for In-Hospital Mortality and Transfer to the Intensive Care Unit. <i>JAMA Network Open</i> , 2020 , 3, e205191	10.4	25
56	Publicly available machine learning models for identifying opioid misuse from the clinical notes of hospitalized patients. <i>BMC Medical Informatics and Decision Making</i> , 2020 , 20, 79	3.6	8
55	The authors reply. <i>Critical Care Medicine</i> , 2020 , 48, e162-e163	1.4	
54	Differences in length of stay and discharge destination among patients with substance use disorders: The effect of Substance Use Intervention Team (SUIT) consultation service. <i>PLoS ONE</i> , 2020 , 15, e0239761	3.7	5
53	Weight Loss Interventions as Treatment of Obesity Hypoventilation Syndrome. A Systematic Review. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 492-502	4.7	13
52	The Effect of Hospital Discharge with Empiric Noninvasive Ventilation on Mortality in Hospitalized Patients with Obesity Hypoventilation Syndrome. An Individual Patient Data Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 627-637	4.7	8
51	Validation of an alcohol misuse classifier in hospitalized patients. <i>Alcohol</i> , 2020 , 84, 49-55	2.7	8
50	The Role of Positive Airway Pressure Therapy in Adults with Obesity Hypoventilation Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 344-360	4.7	11
49	Dietary Patterns, Asthma, and Lung Function in the Hispanic Community Health Study/Study of Latinos. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 293-301	4.7	14
48	The Development and Validation of a Machine Learning Model to Predict Bacteremia and Fungemia in Hospitalized Patients Using Electronic Health Record Data. <i>Critical Care Medicine</i> , 2020 , 48, e1020-e1028	1.4	1
47	Internal and External Validation of a Machine Learning Risk Score for Acute Kidney Injury. <i>JAMA Network Open</i> , 2020 , 3, e2012892	10.4	19
46	Trends, Cost, and Mortality From Sepsis After Trauma in the United States: An Evaluation of the National Inpatient Sample of Hospitalizations, 2012-2016. <i>Critical Care Medicine</i> , 2020 , 48, 1296-1303	1.4	7
45	Self-reported alcohol use in the cystic fibrosis community. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 84-90	4.1	3
44	Toward a clinical text encoder: pretraining for clinical natural language processing with applications to substance misuse. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1272-1278	8.6	9
43	Development and application of a high throughput natural language processing architecture to convert all clinical documents in a clinical data warehouse into standardized medical vocabularies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1364-1369	8.6	8
42	Risk factors for infection and evaluation of Sepsis-3 in patients with trauma. <i>American Journal of Surgery</i> , 2019 , 218, 851-857	2.7	13
41	Identifying Novel Sepsis Subphenotypes Using Temperature Trajectories. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 327-335	10.2	50

40	Physician agreement on the diagnosis of sepsis in the intensive care unit: estimation of concordance and analysis of underlying factors in a multicenter cohort. <i>Journal of Intensive Care</i> , 2019 , 7, 13	7	13
39	Risk factors and outcomes of acute respiratory distress syndrome in critically ill patients with cirrhosis. <i>Hepatology Research</i> , 2019 , 49, 335-343	5.1	10
38	Evaluation and Management of Obesity Hypoventilation Syndrome. An Official American Thoracic Society Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, e6-e24	10.2	84
37	Noninvasive Ventilation versus CPAP as Initial Treatment of Obesity Hypoventilation Syndrome. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1295-1303	4.7	18
36	Subtypes in patients with opioid misuse: A prognostic enrichment strategy using electronic health record data in hospitalized patients. <i>PLoS ONE</i> , 2019 , 14, e0219717	3.7	13
35	Outcomes in Burn-Injured Patients Who Develop Sepsis. <i>Journal of Burn Care and Research</i> , 2019 , 40, 269-273	0.8	7
34	Patient Outcomes and Cost-Effectiveness of a Sepsis Care Quality Improvement Program in a Health System. <i>Critical Care Medicine</i> , 2019 , 47, 1371-1379	1.4	19
33	Natural language processing and machine learning to identify alcohol misuse from the electronic health record in trauma patients: development and internal validation. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 254-261	8.6	29
32	Injury Characteristics and von Willebrand Factor for the Prediction of Acute Respiratory Distress Syndrome in Patients With Burn Injury: Development and Internal Validation. <i>Annals of Surgery</i> , 2019 , 270, 1186-1193	7.8	5
31	Use of alcohol biomarkers to identify alcohol misuse in organ donors. <i>Alcohol</i> , 2018 , 73, 67-72	2.7	4
30	Validation of a Host Response Assay, SeptiCytE LAB, for Discriminating Sepsis from Systemic Inflammatory Response Syndrome in the ICU. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 903-913	10.2	47
29	Helping Patients With ESRD and Earlier Stages of CKD to Quit Smoking. <i>American Journal of Kidney Diseases</i> , 2018 , 72, 255-266	7.4	13
28	Association of Alcohol With Mortality After Traumatic Brain Injury. <i>American Journal of Epidemiology</i> , 2018 , 187, 233-241	3.8	16
27	Racial and Ethnic Postoperative Outcomes After Surgery: The Hispanic Paradox. <i>Journal of Surgical Research</i> , 2018 , 232, 88-93	2.5	18
26	Effects of binge alcohol consumption on sleep and inflammation in healthy volunteers. <i>Journal of International Medical Research</i> , 2018 , 46, 3938-3947	1.4	2
25	A Computable Phenotype for Acute Respiratory Distress Syndrome Using Natural Language Processing and Machine Learning 2018 , 2018, 157-165	0.7	8
24	A computable phenotype for asthma case identification in adult and pediatric patients: External validation in the Chicago Area Patient-Outcomes Research Network (CAPriCORN). <i>Journal of Asthma</i> , 2018 , 55, 1035-1042	1.9	5
23	Age-related immune responses after burn and inhalation injury are associated with altered clinical outcomes. <i>Experimental Gerontology</i> , 2018 , 105, 78-86	4.5	4

22	Optimal Cut-Points for Phosphatidylethanol Vary by Clinical Setting: Response to Nguyen and Sethi (2018) Letter to the Editor. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 2064-2065	3.7	3
21	Impact of the Affordable Care Act (ACA) Medicaid Expansion on Cancer Admissions and Surgeries. <i>Annals of Surgery</i> , 2018 , 268, 584-590	7.8	51
20	Comparison of Automated Methods Versus the American Burn Association Sepsis Definition to Identify Sepsis and Sepsis With Organ Dysfunction/Septic Shock in Burn-Injured Adults. <i>Journal of Burn Care and Research</i> , 2017 , 38, 312-318	0.8	8
19	Family Presence at First Cardiopulmonary Resuscitation and Subsequent Limitations on Care in the Medical Intensive Care Unit. <i>American Journal of Critical Care</i> , 2017 , 26, 221-228	1.7	4
18	Letter to the Editor: Ding Q, Wang Z, Shen M, Su Z, and Shen L (2017) Acute Alcohol Exposure and Risk of Mortality of Patients with Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 2217-2218	3.7	1
17	Association of Serum Lipids and Obstructive Lung Disease in Hispanic/Latino Adults of Diverse Backgrounds. <i>Journal of Pulmonary & Respiratory Medicine</i> , 2017 , 7,	0	4
16	The Contributing Risk of Tobacco Use for ARDS Development in Burn-Injured Adults With Inhalation Injury. <i>Respiratory Care</i> , 2017 , 62, 1456-1465	2.1	4
15	Cut-Point Levels of Phosphatidylethanol to Identify Alcohol Misuse in a Mixed Cohort Including Critically Ill Patients. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 1745-1753	3.7	25
14	Ten-year Single Center Experience of Pulmonary Carcinoid Tumors and Diagnostic Yield of Bronchoscopic Biopsy. <i>Lung</i> , 2016 , 194, 905-910	2.9	9
13	Advanced Age Alters Monocyte and Macrophage Responses. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 805-815	8.4	55
12	Exhaled Nitric Oxide Levels Among Adults With Excessive Alcohol Consumption. <i>Chest</i> , 2016 , 150, 196-209	2.9	4
11	Alveolar macrophage inflammatory mediator expression is elevated in the setting of alcohol use disorders. <i>Alcohol</i> , 2016 , 50, 43-50	2.7	19
10	Trauma indices for prediction of acute respiratory distress syndrome. <i>Journal of Surgical Research</i> , 2016 , 201, 394-401	2.5	14
9	Azithromycin use and outcomes in severe sepsis patients with and without pneumonia. <i>Journal of Critical Care</i> , 2016 , 32, 120-5	4	13
8	Injured patients with very high blood alcohol concentrations. <i>Injury</i> , 2016 , 47, 83-8	2.5	19
7	Alcohol exposure, injury, and death in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 79, 643-8	3.3	13
6	Acute immunomodulatory effects of binge alcohol ingestion. <i>Alcohol</i> , 2015 , 49, 57-64	2.7	62
5	Acute respiratory distress syndrome and outcomes after near hanging. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 359-62	2.9	8

4	Blood alcohol content, injury severity, and adult respiratory distress syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 1447-55	33	22
3	Update in critical care for the nephrologist: transfusion in nonhemorrhaging critically ill patients. <i>Advances in Chronic Kidney Disease</i> , 2013 , 20, 30-8	47	6
2	Nonpharmacologic approach to minimizing shivering during surface cooling: a proof of principle study. <i>Journal of Critical Care</i> , 2012 , 27, 746.e1-8	4	4
1	Narrative review: tetanus-a health threat after natural disasters in developing countries. <i>Annals of Internal Medicine</i> , 2011 , 154, 329-35	8	80