

Majid Afshar

List of PR Articles by Year in descending order

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82

PR articles

2,158

PR citations

217746

24

PR h-index

215727

43

g-index

85

documents

2542

doc citations

211771

26

h-index

3865

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Association between Substance Misuse and Outcomes in Critically Ill Patients with Pneumonia. <i>Annals of the American Thoracic Society</i> , 2023, 20, 556-565.	3.8	6
2	DR.BENCH: Diagnostic Reasoning Benchmark for Clinical Natural Language Processing. <i>Journal of Biomedical Informatics</i> , 2023, 138, 104286.	3.8	20
3	Design and rationale of the CHILL phase II trial of hypothermia and neuromuscular blockade for acute respiratory distress syndrome. <i>Contemporary Clinical Trials Communications</i> , 2023, 33, 101155.	1.2	8
4	Creation of a data commons for substance misuse related health research through privacy-preserving patient record linkage between hospitals and state agencies. <i>JAMIA Open</i> , 2023, 6, .	2.5	9
5	Internal and External Validation of an Alcohol Biomarker for Screening in Trauma. <i>Annals of Surgery</i> , 2022, 276, e961-e968.	4.7	16
6	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> , 2022, 158, 104662.	3.4	10
7	Response to Fitzgerald & Barenholtz: There is still much work to be done for digital classifiers. <i>Addiction</i> , 2022, , .	5.4	1
8	Age and Injury Size Influence the Magnitude of Fecal Dysbiosis in Adult Burn Patients. <i>Journal of Burn Care and Research</i> , 2022, 43, 1145-1153.	0.9	14
9	Identifying COVID-19 Outbreaks From Contact-Tracing Interview Forms for Public Health Departments: Development of a Natural Language Processing Pipeline. <i>JMIR Public Health and Surveillance</i> , 2022, 8, e36119.	3.0	4
10	Metabolomic Associations of Asthma in the Hispanic Community Health Study/Study of Latinos. <i>Metabolites</i> , 2022, 12, 359.	3.5	4
11	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.	15.3	40
12	The Identification of Subphenotypes and Associations with Health Outcomes in Patients with Opioid-Related Emergency Department Encounters Using Latent Class Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8882.	3.1	5
13	Machine Learning Techniques to Explore Clinical Presentations of COVID-19 Severity and to Test the Association With Unhealthy Opioid Use: Retrospective Cross-sectional Cohort Study. <i>JMIR Public Health and Surveillance</i> , 2022, 8, e38158.	3.0	2
14	The Evaluation of a Clinical Decision Support Tool Using Natural Language Processing to Screen Hospitalized Adults for Unhealthy Substance Use: Protocol for a Quasi-Experimental Design. <i>JMIR Research Protocols</i> , 2022, 11, e42971.	1.3	7
15	Pre-training phenotyping classifiers. <i>Journal of Biomedical Informatics</i> , 2021, 113, 103626.	3.8	4
16	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.	1.8	10
17	Prediction of severe chest injury using natural language processing from the electronic health record. <i>Injury</i> , 2021, 52, 205-212.	1.8	26
18	Comparison and interpretability of machine learning models to predict severity of chest injury. <i>JAMIA Open</i> , 2021, 4, .	2.5	12

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19	External validation of an opioid misuse machine learning classifier in hospitalized adult patients. <i>Addiction Science & Clinical Practice</i> , 2021, 16, .	2.5	28
20	Identifying High-Risk Subphenotypes and Associated Harms From Delayed Antibiotic Orders and Delivery*. <i>Critical Care Medicine</i> , 2021, 49, 1694-1705.	0.5	29
21	Determining the Electronic Signature of Infection in Electronic Health Record Data. <i>Critical Care Medicine</i> , 2021, 49, e673-e682.	0.5	24
22	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.	3.6	66
23	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.	3.0	24
24	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.	12.2	27
25	Self-reported alcohol use in the cystic fibrosis community. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 84-90.	0.8	13
26	Validation of an alcohol misuse classifier in hospitalized patients. <i>Alcohol</i> , 2020, 84, 49-55.	1.1	21
27	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.	3.8	30
28	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.	3.8	35
29	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.	0.5	28
30	Internal and External Validation of a Machine Learning Risk Score for Acute Kidney Injury. <i>JAMA Network Open</i> , 2020, 3, e2012892.	6.8	103
31	Trends, Cost, and Mortality From Sepsis After Trauma in the United States: An Evaluation of the National Inpatient Sample of Hospitalizations, 2012â€“2016. <i>Critical Care Medicine</i> , 2020, 48, 1296-1303.	0.5	35
32	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.	6.8	133
33	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, .	3.3	37
34	The authors reply. <i>Critical Care Medicine</i> , 2020, 48, e162-e163.	0.5	0
35	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.	2.4	31
36	Weight Loss Interventions as Treatment of Obesity Hypoventilation Syndrome. A Systematic Review. <i>Annals of the American Thoracic Society</i> , 2020, 17, 492-502.	3.8	43

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37	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.	3.8	41
38	Risk factors and outcomes of acute respiratory distress syndrome in critically ill patients with cirrhosis. <i>Hepatology Research</i> , 2019, 49, 335-343.	3.1	31
39	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.	12.2	238
40	Noninvasive Ventilation versus CPAP as Initial Treatment of Obesity Hypoventilation Syndrome. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1295-1303.	3.8	50
41	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.	2.4	54
42	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.	3.6	18
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.	3.6	31
44	Risk factors for infection and evaluation of Sepsis-3 in patients with trauma. <i>American Journal of Surgery</i> , 2019, 218, 851-857.	1.8	35
45	Identifying Novel Sepsis Subphenotypes Using Temperature Trajectories. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 327-335.	12.2	181
46	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, .	3.8	36
47	Outcomes in Burn-Injured Patients Who Develop Sepsis. <i>Journal of Burn Care and Research</i> , 2019, 40, 269-273.	0.9	35
48	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.	0.5	51
49	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.	3.6	84
50	Injury Characteristics and von Willebrand Factor for the Prediction of Acute Respiratory Distress Syndrome in Patients With Burn Injury. <i>Annals of Surgery</i> , 2019, 270, 1186-1193.	4.7	13
51	Use of alcohol biomarkers to identify alcohol misuse in organ donors. <i>Alcohol</i> , 2018, 73, 67-72.	1.1	10
52	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.	12.2	110
53	Helping Patients With ESRD and Earlier Stages of CKD to Quit Smoking. <i>American Journal of Kidney Diseases</i> , 2018, 72, 255-266.	1.4	28
54	Association of Alcohol With Mortality After Traumatic Brain Injury. <i>American Journal of Epidemiology</i> , 2018, 187, 233-241.	3.4	31

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55	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.	1.7	17
56	Summary of the 2017 Alcohol and Immunology Research Interest Group (AIRIG) meeting. <i>Alcohol</i> , 2018, 69, 51-56.	1.1	1
57	Age-related immune responses after burn and inhalation injury are associated with altered clinical outcomes. <i>Experimental Gerontology</i> , 2018, 105, 78-86.	3.8	11
58	Optimal Cut-Points for Phosphatidylethanol Vary by Clinical Setting: Response to Nguyen and Seth's (2018) Letter to the Editor. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2064-2065.	2.6	3
59	Impact of the Affordable Care Act (ACA) Medicaid Expansion on Cancer Admissions and Surgeries. <i>Annals of Surgery</i> , 2018, 268, 584-590.	4.7	96
60	Racial and Ethnic Postoperative Outcomes After Surgery: The Hispanic Paradox. <i>Journal of Surgical Research</i> , 2018, 232, 88-93.	1.6	32
61	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	7
62	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.	0.9	11
63	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.	1.2	9
64	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.	2.6	1
65	The Contributing Risk of Tobacco Use for ARDS Development in Burn-Injured Adults With Inhalation Injury. <i>Respiratory Care</i> , 2017, 62, 1456-1465.	1.4	7
66	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.	2.6	57
67	Association of Serum Lipids and Obstructive Lung Disease in Hispanic/ Latino Adults of Diverse Backgrounds. <i>Journal of Pulmonary & Respiratory Medicine</i> , 2017, 07, .	0.0	5
68	Ten-year Single Center Experience of Pulmonary Carcinoid Tumors and Diagnostic Yield of Bronchoscopic Biopsy. <i>Lung</i> , 2016, 194, 905-910.	2.8	13
69	Advanced Age Alters Monocyte and Macrophage Responses. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 805-815.	6.5	94
70	Exhaled Nitric Oxide Levels Among Adults With Excessive Alcohol Consumption. <i>Chest</i> , 2016, 150, 196-209.	1.1	17
71	Alveolar macrophage inflammatory mediator expression is elevated in the setting of alcohol use disorders. <i>Alcohol</i> , 2016, 50, 43-50.	1.1	30
72	Trauma indices for prediction of acute respiratory distress syndrome. <i>Journal of Surgical Research</i> , 2016, 201, 394-401.	1.6	23

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73	Azithromycin use and outcomes in severe sepsis patients with and without pneumonia. <i>Journal of Critical Care</i> , 2016, 32, 120-125.	2.4	25
74	Injured patients with very high blood alcohol concentrations. <i>Injury</i> , 2016, 47, 83-88.	1.8	33
75	Alcohol exposure, injury, and death in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 643-648.	2.6	20
76	Acute immunomodulatory effects of binge alcohol ingestion. <i>Alcohol</i> , 2015, 49, 57-64.	1.1	94
77	Acute respiratory distress syndrome and outcomes after near hanging. <i>American Journal of Emergency Medicine</i> , 2015, 33, 359-362.	1.7	14
78	Blood alcohol content, injury severity, and adult respiratory distress syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 1447-1455.	2.6	28
79	Update in Critical Care for the Nephrologist: Transfusion in Nonhemorrhaging Critically Ill Patients. <i>Advances in Chronic Kidney Disease</i> , 2013, 20, 30-38.	1.9	6
80	Nonpharmacologic approach to minimizing shivering during surface cooling: A proof of principle study. <i>Journal of Critical Care</i> , 2012, 27, 746.e1-746.e8.	2.4	9
81	Narrative Review: Tetanusâ€™A Health Threat After Natural Disasters in Developing Countries. <i>Annals of Internal Medicine</i> , 2011, 154, 329.	10.4	132
82	Deployment of Real-time Natural Language Processing and Deep Learning Clinical Decision Support in the Electronic Health Record: Pipeline Implementation for an Opioid Misuse Screener in Hospitalized Adults. <i>JMIR Medical Informatics</i> , 0, 11, e44977.	3.3	33