

Mojtaba Mojtahedzadeh

List of Publications by Year in descending order

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79
papers

831
citations

516710
16
h-index

610901
24
g-index

82
all docs

82
docs citations

82
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid volume, fluid balance and patient outcome in severe sepsis and septic shock: A systematic review. <i>Journal of Critical Care</i> , 2018, 48, 153-159.	2.2	75
2	Mechanisms underlying stress-induced hyperglycemia in critically ill patients. <i>Therapy: Open Access in Clinical Medicine</i> , 2007, 4, 97-106.	0.2	48
3	The effect of parenteral selenium on outcomes of mechanically ventilated patients following sepsis: a prospective randomized clinical trial. <i>Annals of Intensive Care</i> , 2015, 5, 29.	4.6	40
4	A Review on The Protective Effects of Metformin in Sepsis-Induced Organ Failure. <i>Cell Journal</i> , 2020, 21, 363-370.	0.2	40
5	How does blood glucose control with metformin influence intensive insulin protocols? Evidence for involvement of oxidative stress and inflammatory cytokines. <i>Advances in Therapy</i> , 2008, 25, 681-702.	2.9	38
6	Effect of a multispecies probiotic on inflammatory markers in critically ill patients: A randomized, double-blind, placebo-controlled trial. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 827-33.	0.9	30
7	The Effect of Curcumin on some of Traditional and Non-traditional Cardiovascular Risk Factors: A Pilot Randomized, Double-blind, Placebo-controlled Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 479-86.	0.5	26
8	Intensive care unit-acquired urinary tract infections in patients admitted with sepsis: etiology, risk factors, and patterns of antimicrobial resistance. <i>International Journal of Infectious Diseases</i> , 2008, 12, 312-318.	3.3	24
9	The Therapeutic Role of Vasopressin on Improving Lactate Clearance During and After Vasogenic Shock: Microcirculation, Is It The Black Box?. <i>Acta Medica Iranica</i> , 2016, 54, 15-23.	0.8	24
10	Comparison of Hemodynamic and Biochemical Effects of Furosemide by Continuous Infusion and Intermittent Bolus in Critically Ill Patients. <i>Journal of Infusion Nursing</i> , 2004, 27, 255-261.	2.3	23
11	Evaluation of Epithelial Lining Fluid Concentration of Amikacin in Critically Ill Patients With Ventilator-Associated Pneumonia. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 400-404.	2.8	23
12	Randomized trial of the effect of intravenous paracetamol on inflammatory biomarkers and outcome in febrile critically ill adults. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 12.	2.0	22
13	A randomized controlled trial on the efficacy, safety, and pharmacokinetics of metformin in severe traumatic brain injury. <i>Journal of Neurology</i> , 2019, 266, 1988-1997.	3.6	21
14	High-dose amikacin for achieving serum target levels in critically ill elderly patients. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 223-228.	2.7	20
15	Achievement of Vancomycin Therapeutic Goals in Critically Ill Patients: Early Individualization May Be Beneficial. <i>Critical Care Research and Practice</i> , 2016, 2016, 1-7.	1.1	19
16	The role of magnesium sulfate in the intensive care unit. <i>EXCLI Journal</i> , 2017, 16, 464-482.	0.7	18
17	Melatonin supplementation may improve the outcome of patients with hemorrhagic stroke in the intensive care unit. <i>Journal of Research in Pharmacy Practice</i> , 2017, 6, 173.	0.7	18
18	The Role of Epigenetic Alterations Involved in Sepsis: An Overview. <i>Current Pharmaceutical Design</i> , 2018, 24, 2862-2869.	1.9	17

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19	Monomethyl fumarate alleviates sepsis-induced hepatic dysfunction by regulating TLR-4/NF- κ B signalling pathway. <i>Life Sciences</i> , 2018, 215, 152-158.	4.3	16
20	Ventilator-Associated Pneumonia in Patients Admitted to Intensive Care Units, Using Open or Closed Endotracheal Suctioning. <i>Anesthesiology and Pain Medicine</i> , 2014, 4, e21649.	1.3	15
21	The effect of high-dose parenteral sodium selenite in critically ill patients following sepsis: A clinical and mechanistic study. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 287-293.	0.9	15
22	Randomized Trial of Carnitine for the Prevention of Perioperative Atrial Fibrillation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 7-13.	0.6	13
23	Comparison of hypertonic saline versus normal saline on cytokine profile during CABG. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 49.	2.0	12
24	Immunomodulatory effect of hypertonic saline in hemorrhagic shock. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 47.	2.0	12
25	Metformin Attenuates Brain Injury by Inhibiting Inflammation and Regulating Tight Junction Proteins in Septic Rats. <i>Cell Journal</i> , 2020, 22, 29-37.	0.2	12
26	Analgesic and sedative agents used in the intensive care unit: A review. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8684-8693.	2.6	11
27	Antibiotic therapy in sepsis: No next time for a second chance!. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2021, 46, 872-876.	1.5	11
28	Early goal-directed therapy reduces mortality in adult patients with severe sepsis and septic shock: Systematic review and meta-analysis. <i>Indian Journal of Critical Care Medicine</i> , 2015, 19, 401-411.	0.9	11
29	Effect of calories delivered on clinical outcomes in critically ill patients: Systemic review and meta-analysis. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 376-390.	0.9	10
30	Comparison of the Effects of Enoxaparin and Heparin on Inflammatory Biomarkers in Patients with ST-segment Elevated Myocardial Infarction: A prospective Open Label Pilot Clinical Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 583-90.	0.5	10
31	Prophylactic administration of fibrinogen concentrate in perioperative period of total hip arthroplasty: a randomized clinical trial study. <i>Acta Medica Iranica</i> , 2014, 52, 804-10.	0.8	10
32	Hypertonic saline solution reduces the oxidative stress responses in traumatic brain injury patients. <i>Journal of Research in Medical Sciences</i> , 2014, 19, 867-74.	0.9	9
33	Neuroprotective Agents in the Intensive Care Unit. <i>Journal of Pharmacopuncture</i> , 2018, 21, 226-240.	1.1	8
34	The Effect of Furosemide Infusion on Serum Epidermal Growth Factor Concentration After Acute Lung Injury. <i>Journal of Infusion Nursing</i> , 2005, 28, 188-193.	2.3	7
35	Evaluation of Amikacin Pharmacokinetics in Critically Ill Patients with Intra-abdominal Sepsis. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 114-118.	1.4	7
36	Total Phenytoin concentration is not well correlated with active free drug in critically-ill head trauma patients. <i>Journal of Research in Pharmacy Practice</i> , 2013, 2, 105.	0.7	6

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37	Vasopressin in septic shock; assessment of sepsis biomarkers: A randomized, controlled trial. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 578-584.	0.9	6
38	Effect of magnesium on functional outcome and paraclinical parameters of patients undergoing supratentorial craniotomy for brain tumors: a randomized controlled trial. <i>Acta Neurochirurgica</i> , 2015, 157, 985-991.	1.7	5
39	A Cost-effectiveness Analysis of Albumin in Septic Shock: A Patient-level Data Analysis. <i>Clinical Therapeutics</i> , 2019, 41, 2297-2307.e2.	2.5	5
40	Detection of subclinical nephrotoxicity induced by aminoglycosides in critically ill elderly patients using trough levels and urinary neutrophil gelatinase-associated lipocalin. <i>European Journal of Hospital Pharmacy</i> , 2021, , ejhpharm-2021-002868.	1.1	5
41	Extraction and Evaluation of Outer Membrane Vesicles from Two Important Gut Microbiota Members, <i>Bacteroides fragilis</i> and <i>Bacteroides thetaiotaomicron</i> . <i>Cell Journal</i> , 2020, 22, 344-349.	0.2	5
42	Microalbuminuria in hyperglycemic critically ill patients treated with insulin or metformin. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 141-8.	0.5	5
43	Analgesic Efficacy of Nephrostomy Tract Infiltration of Bupivacaine and Ketamine after Tubeless Percutaneous Nephrolithotomy: A Prospective Randomized Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 619-26.	0.5	5
44	Randomized Trial of the Effect of Magnesium Sulfate Continuous Infusion on IL-6 and CRP Serum Levels Following Abdominal Aortic Aneurysm Surgery. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 951-956.	0.5	5
45	Cotreatment with Furosemide and Hypertonic Saline Decreases Serum Neutrophil Gelatinase-associated Lipocalin (NGAL) and Serum Creatinine Concentrations in Traumatic Brain Injury: A Randomized, Single-Blind Clinical Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1130-1140.	0.5	5
46	Administration of higher doses of amikacin in early stages of sepsis in critically ill patients. <i>Acta Medica Iranica</i> , 2014, 52, 703-9.	0.8	5
47	Efficacy of Glucocorticoid Administration in Patients with Cardiac Arrest: A Systematic Review of Clinical Studies. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	4
48	Area under the Curve-Based Dosing of Vancomycin in Critically Ill Patients Using 6-Hour Urine Creatinine Clearance Measurement. <i>Critical Care Research and Practice</i> , 2020, 2020, 1-6.	1.1	4
49	Potential Effect of L-Carnitine on the Prevention of Myocardial Injury after Coronary Artery Bypass Graft Surgery. <i>The Journal of Tehran Heart Center</i> , 2015, 10, 74-9.	0.3	4
50	Management of a critically ill patient with COVID-19-related fulminant myocarditis: A case report. <i>Respiratory Medicine Case Reports</i> , 2022, 36, 101611.	0.4	4
51	Determination of Theophylline Clearance After Cimetidine Infusion in Critically Ill Patients. <i>Journal of Infusion Nursing</i> , 2003, 26, 234-238.	2.3	3
52	Systematic review: Effectiveness of herbal oral care products on ventilator-associated pneumonia. <i>Phytotherapy Research</i> , 2021, 35, 3665-3672.	5.8	3
53	Clinical Effectiveness of a High Dose Versus the Standard Dose of Meropenem in Ventilator-associated Pneumonia Caused by Multidrug-resistant Bacteria: A Randomized, Single-blind Clinical Trial. <i>Infectious Disorders - Drug Targets</i> , 2021, 21, 274-283.	0.8	3
54	Pharmacokinetic behavior of phenytoin in head trauma and cerebrovascular accident patients in an Iranian population. <i>Journal of Research in Pharmacy Practice</i> , 2017, 6, 217.	0.7	3

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55	Comparison of the Effects of Subcutaneous Versus Continuous Infusion of Heparin on Key Inflammatory Parameters Following Sepsis. <i>Anesthesiology and Pain Medicine</i> , 2016, 6, e33780.	1.3	3
56	Adaptation of the Pharmacological Management of Delirium in ICU Patients in Iran: Introduction and Definition. <i>Iranian Journal of Psychiatry</i> , 2018, 13, 65-79.	0.7	3
57	Management of Hypotension and Bradycardia Caused By Spinal Cord Injury. The Usefulness of Midodrine and Methylxanthines. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 2131-2135.	0.5	3
58	Is Albumin-based Resuscitation in Severe Sepsis and Septic Shock Justifiable? An Evidence from a Cost-effectiveness Evaluation. <i>Ethiopian Journal of Health Sciences</i> , 2019, 29, 869-876.	0.4	2
59	Can Intra-abdominal Pressure Predict the Pharmacokinetics of Aminoglycosides in Critically Ill Patients With Intra-abdominal Sepsis?. <i>American Journal of Therapeutics</i> , 2021, Publish Ahead of Print, e376-e378.	0.9	2
60	Evaluation of amikacin dosing schedule in critically ill elderly patients with different stages of renal dysfunction. <i>European Journal of Hospital Pharmacy</i> , 2022, 29, e67-e71.	1.1	2
61	Evaluation of Neuroprotective Effects of L-Carnitine and Fat Emulsion in the CVA Patients: A Prospective, Randomized, Double Blind, Clinical Trial. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 111-119.	0.5	2
62	Predictive Values of Urinary Interleukin 18 and Neutrophil Gelatinase-Associated Lipocalin for Delayed Graft Function Diagnosis in Kidney Transplantation. <i>Iranian Journal of Pathology</i> , 2016, 11, 391-398.	0.5	2
63	Adopting Clinical Practice Guidelines for Pharmacologic Management of Acute Spinal Cord Injury from a Developed World Context to a Developing Global Region. <i>Archives of Iranian Medicine</i> , 2022, 25, 353-359.	0.6	2
64	The predictive value of resting heart rate following osmotherapy in brain injury: back to basics. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 102.	2.0	1
65	Protective Effects of Intravenous Magnesium Sulfate in Stroke Patients Receiving Amiodarone: A Randomized Controlled Trial. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 579-588.	1.6	1
66	Sepsis-Associated Cholestasis: The Impact of Mitochondrial Dysfunction (A Case Report). <i>Iraqi National Journal of Medicine</i> , 2021, 3, 44-48.	0.1	1
67	Effect of heart rate control with amiodarone infusion on hemodynamic and clinical outcomes in septic shock patients with tachycardia: a prospective, single-arm clinical study. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2021, 7, 37.	1.0	1
68	Evaluation of the Anti-Inflammatory Effects of Peri-Operative Infusion of Magnesium Sulfate on the Microsurgical Procedures for Intracranial Tumors. <i>Anesthesiology and Pain Medicine</i> , 2014, 4, e22379.	1.3	1
69	Short-term Effects of Metformin on Cardiac and Peripheral Blood Cells Following Cecal Ligation and Puncture-induced Sepsis. <i>Drug Research</i> , 2021, 71, 257-264.	1.7	1
70	Intensive Care Unit Staff and Resource Utilization: Is It an Effective Factor?. <i>Iranian Journal of Public Health</i> , 2013, 42, 1021-5.	0.5	1
71	Prevalence of candidemia and associated candida subtypes following severe sepsis in non-neutropenic critically ill patients. <i>Acta Biomedica</i> , 2018, 89, 193-202.	0.3	1
72	Neuroprotective Agents in the Intensive Care Unit: -Neuroprotective Agents in ICU. <i>Journal of Pharmacopuncture</i> , 2018, 21, 226-240.	1.1	1

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73	LipoxinA4 as a Potential Prognostic Marker of COVID-19. <i>Journal of Lipids</i> , 2022, 2022, 1-3.	4.8	1
74	Response to letter to the editor: Fluid volume, fluid balance and patient outcome in severe sepsis and septic shock: A systematic review. <i>Journal of Critical Care</i> , 2019, 50, 314-315.	2.2	0
75	Comparison of preoperative hypertonic saline versus mannitol for intraoperative brain relaxation and early postoperative outcome among patients with cerebral low-grade glioma: A prospective study. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 15, 941-945.	1.0	0
76	Effect of Hypertonic Saline 5% on Early Graft Function and Urinary Interleukin 18 and Neutrophil Gelatinase-Associated Lipocalin in Deceased-Donor Kidney Transplantation. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1583-1592.	0.5	0
77	Efficacy and Safety of Different Dosage of Recombinant Tissue-type Plasminogen Activator (rt-PA) in the Treatment of Acute Pulmonary Embolism: A Systematic Review and Meta-analysis. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 441-454.	0.5	0
78	Relationship between amikacin pharmacokinetics and biological parameters associated with organ dysfunction: a case series study of critically ill patients with intra-abdominal sepsis. <i>European Journal of Hospital Pharmacy</i> , 2021, , ejhpharm-2021-003089.	1.1	0
79	Intravenous Esmolol for Intracranial Pressure Reduction After Traumatic Brain Injury. <i>Archives of Neuroscience</i> , 2022, 9, .	0.3	0