

Mohammad Ali Jalili

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

2,014
citations

257101

24
h-index

301761

39
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131
all docs

131
docs citations

131
times ranked

2765
citing authors

#	ARTICLE	IF	CITATIONS
1	Burnout among healthcare professionals during COVID-19 pandemic: a cross-sectional study. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1345-1352.	1.1	173
2	Investigating the variations in properties of 2-pack polyurethane clear coat through separate incorporation of hydrophilic and hydrophobic nano-silica. <i>Progress in Organic Coatings</i> , 2007, 59, 81-87.	1.9	93
3	Influence of various surface treated silica nanoparticles on the electrochemical properties of SiO ₂ /polyurethane nanocoatings. <i>Corrosion Science</i> , 2011, 53, 4248-4257.	3.0	78
4	A Comparison of Three Self-Report Pain Scales in Adults With Acute Pain. <i>Journal of Emergency Medicine</i> , 2015, 48, 10-18.	0.3	72
5	Ketamine-propofol combination (ketofol) vs propofol for procedural sedation and analgesia: systematic review and meta-analysis. <i>American Journal of Emergency Medicine</i> , 2016, 34, 558-569.	0.7	71
6	Management of traumatic occult pneumothorax. <i>Resuscitation</i> , 2010, 81, 1063-1068.	1.3	68
7	Preparation, characterization and antimicrobial study of a hydrogel (soft contact lens) material impregnated with silver nanoparticles. <i>Contact Lens and Anterior Eye</i> , 2014, 37, 149-152.	0.8	68
8	Discussion: Discharge Coefficient of Rectangular Side Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 1996, 122, 132-132.	0.6	58
9	Characteristics and Mortality of Hospitalized Patients With COVID-19 in Iran: A National Retrospective Cohort Study. <i>Annals of Internal Medicine</i> , 2021, 174, 125-127.	2.0	56
10	Deterministic performance parameters for an automotive polyurethane clearcoat loaded with hydrophilic or hydrophobic nano-silica. <i>Progress in Organic Coatings</i> , 2009, 66, 359-366.	1.9	54
11	How much change in pain score does really matter to patients?. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1641-1646.	0.7	44
12	Sublingual buprenorphine for acute renal colic pain management: a double-blind, randomized controlled trial. <i>International Journal of Emergency Medicine</i> , 2014, 7, 1.	0.6	42
13	Effectiveness of regionalization of trauma care services: a systematic review. <i>Public Health</i> , 2017, 146, 92-107.	1.4	42
14	The use of inorganic conversion coatings to enhance the corrosion resistance of reinforcement and the bond strength at the rebar/concrete. <i>Construction and Building Materials</i> , 2009, 23, 233-238.	3.2	40
15	Assessing Medical Students' Communication Skills by the Use of Standardized Patients: Emphasizing Standardized Patients' Quality Assurance. <i>Academic Psychiatry</i> , 2014, 38, 354-360.	0.4	37
16	Discharge against medical advice from emergency department: results from a tertiary care hospital in Tehran, Iran. <i>European Journal of Emergency Medicine</i> , 2010, 17, 318-321.	0.5	34
17	Sublingual Buprenorphine in Acute Pain Management: A Double-Blind Randomized Clinical Trial. <i>Annals of Emergency Medicine</i> , 2012, 59, 276-280.	0.3	32
18	Effects of low-level laser therapy on mast cell number and degranulation. <i>Journal of Rehabilitation Research and Development</i> , 2008, 45, 931-938.	1.6	31

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19	Investigating the acoustical properties of carbon fiber, glass fiber, and hemp fiber reinforced polyester composites. <i>Polymer Composites</i> , 2014, 35, 2103-2111.	2.3	29
20	The utility of mini-Clinical Evaluation Exercise in undergraduate and postgraduate medical education: A BEME review: BEME Guide No. 59. <i>Medical Teacher</i> , 2020, 42, 125-142.	1.0	29
21	Lipocalin 2 decreases senescence of bone marrow-derived mesenchymal stem cells under sub-lethal doses of oxidative stress. <i>Cell Stress and Chaperones</i> , 2014, 19, 685-693.	1.2	28
22	Down-regulation of the autophagy gene, <i>ATG7</i> , protects bone marrow-derived mesenchymal stem cells from stressful conditions. <i>Blood Research</i> , 2015, 50, 80.	0.5	28
23	Comparison of two methods of standard setting: the performance of the three-level Angoff method. <i>Medical Education</i> , 2011, 45, 1199-1208.	1.1	26
24	Self-regulated learning processes of medical students during an academic learning task. <i>Medical Education</i> , 2016, 50, 1065-1074.	1.1	26
25	Lead toxicity resulting from chronic ingestion of opium. <i>Western Journal of Emergency Medicine</i> , 2009, 10, 244-6.	0.6	25
26	Using multiple self-regulated learning measures to understand medical students' biomedical science learning. <i>Medical Education</i> , 2020, 54, 727-737.	1.1	24
27	Burnout and Associated Factors among Iranian Emergency Medicine Practitioners. <i>Iranian Journal of Public Health</i> , 2013, 42, 1034-42.	0.3	24
28	Appearance of anatomical structures of mandible on panoramic radiographs in Iranian population. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 384-389.	0.9	23
29	Extremely Prolonged INR Associated with Warfarin in Combination with Both Trazodone and Omega-3 Fatty Acids. <i>Archives of Medical Research</i> , 2007, 38, 901-904.	1.5	22
30	Surface treatment of TiO ₂ nanoparticles to improve dispersion in non-polar solvents. <i>Advanced Powder Technology</i> , 2016, 27, 2168-2174.	2.0	22
31	Undergraduate medical education programme renewal: a longitudinal context, input, process and product evaluation study. <i>Perspectives on Medical Education</i> , 2016, 5, 15-23.	1.8	22
32	Triangular labyrinth side weirs with one and two cycles. <i>Water Management</i> , 2013, 166, 27-42.	0.4	21
33	Assessing the reliability of the borderline regression method as a standard setting procedure for objective structured clinical examination. <i>Journal of Research in Medical Sciences</i> , 2013, 18, 887-91.	0.4	20
34	Effect of door-to-antibiotic time on mortality of patients with sepsis in emergency department: a prospective cohort study. <i>Acta Medica Iranica</i> , 2013, 51, 454-60.	0.8	20
35	The utility of mini-Clinical Evaluation Exercise (mini-CEX) in undergraduate and postgraduate medical education: protocol for a systematic review. <i>Systematic Reviews</i> , 2017, 6, 146.	2.5	19
36	Hydraulic Performance of Asymmetric Labyrinth Side Weirs Located on a Straight Channel. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012, 138, 766-772.	0.6	18

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37	Validation of the Vancouver Chest Pain Rule: A Prospective Cohort Study. <i>Academic Emergency Medicine</i> , 2012, 19, 837-842.	0.8	18
38	Defining a competency framework: the first step toward competency-based medical education. <i>Acta Medica Iranica</i> , 2014, 52, 710-6.	0.8	18
39	Simulation of forced vibration in milling process considering gyroscopic moment and rotary inertia. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 2821-2836.	1.5	17
40	Autophagy-Modulated Human Bone Marrow-Derived Mesenchymal Stem Cells Accelerate Liver Restoration in Mouse Models of Acute Liver Failure. <i>Iranian Biomedical Journal</i> , 2016, 20, 135-44.	0.4	17
41	Evaluating the effect of low-level laser therapy on healing of tentomized Achilles tendon in streptozotocin-induced diabetic rats by light microscopical and gene expression examinations. <i>Lasers in Medical Science</i> , 2014, 29, 1495-1503.	1.0	16
42	A survey of medical students' perceptions of the quality of their medical education upon graduation. <i>Annals of the Academy of Medicine, Singapore</i> , 2008, 37, 1012-8.	0.2	16
43	Efficacy of Intravenous Paracetamol Versus Intravenous Morphine in Acute Limb Trauma. <i>Trauma Monthly</i> , 2016, 21, e19649.	0.2	15
44	Aspergillus Endophthalmitis in One Eye Subsequent to Bilateral Anterior Chamber Phakic Intraocular Lens Implantation. <i>Journal of Refractive Surgery</i> , 2012, 28, 363-365.	1.1	15
45	Targeting delivery of lipocalin 2-engineered mesenchymal stem cells to colon cancer in order to inhibit liver metastasis in nude mice. <i>Tumor Biology</i> , 2015, 36, 6011-6018.	0.8	14
46	Dual Preconditioning: A Novel Strategy to Withstand Mesenchymal Stem Cells against Harsh Microenvironments. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 465-470.	0.6	14
47	Validating modified PHEEM questionnaire for measuring educational environment in academic emergency departments. <i>Archives of Iranian Medicine</i> , 2014, 17, 372-7.	0.2	14
48	Discussion of "Discharge Capacity of Labyrinth Side Weir Located on a Straight Channel" by M. Emin Emiroglu, Nihat Kaya, and Hayrullah Agaccioğlu. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2011, 137, 743-745.	0.6	13
49	Identifying causes of laboratory turnaround time delay in the emergency department. <i>Archives of Iranian Medicine</i> , 2012, 15, 759-63.	0.2	13
50	Influence of various loadings of hydrophilic or hydrophobic silica nanoparticles on water uptake and porosity of a polyurethane coating. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 609-618.	0.8	12
51	A decade of reform in medical education: Experiences and challenges at Tehran University of Medical Sciences. <i>Medical Teacher</i> , 2018, 40, 472-480.	1.0	12
52	Desmopressin/indomethacin combination efficacy and safety in renal colic pain management: A randomized placebo controlled trial. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1009-1012.	0.7	11
53	Emergency department nonurgent visits in Iran: prevalence and associated factors. <i>American Journal of Managed Care</i> , 2013, 19, e1-8.	0.8	11
54	Development of a comprehensive clinical performance assessment system for nursing students: A programmatic approach. <i>Japan Journal of Nursing Science</i> , 2016, 13, 46-54.	0.5	10

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55	Validation of the Ottawa Knee Rule in Iran: a prospective study. <i>Emergency Medicine Journal</i> , 2010, 27, 849-851.	0.4	9
56	Recombinant human lipocalin 2 acts as an antibacterial agent to prevent platelet contamination. <i>Hematology</i> , 2014, 19, 487-492.	0.7	9
57	Nonlinear analysis of chatter in turning process using dimensionless groups. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2015, 37, 1151-1162.	0.8	9
58	Morphine Suppository versus Indomethacin Suppository in the Management of Renal Colic: Randomized Clinical Trial. <i>Pain Research and Treatment</i> , 2016, 2016, 1-6.	1.7	9
59	Educational impact of assessment on medical students' learning at Tehran University of Medical Sciences: a qualitative study. <i>BMJ Open</i> , 2019, 9, e031014.	0.8	9
60	Persian Signature Verification Based on Fractal Dimension Using Testing Hypothesis. , 2012, , .		8
61	A NOVEL AND PRACTICAL SYSTEM FOR VERIFYING SIGNATURES ON PERSIAN HANDWRITTEN BANK CHECKS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2012, 26, 1256014.	0.7	8
62	Investigating changes in electrochemical properties when nano-silica is incorporated into an acrylic-based polyurethane clearcoat. <i>Journal of Coatings Technology Research</i> , 2012, 9, 195-201.	1.2	8
63	Competency frameworks: universal or local. <i>Advances in Health Sciences Education</i> , 2013, 18, 865-866.	1.7	8
64	Peer observation of teaching for formative evaluation of faculty members. <i>Medical Education</i> , 2018, 52, 567-568.	1.1	8
65	Application of decision rules on diagnosis and prognosis of renal colic. <i>European Journal of Emergency Medicine</i> , 2020, 27, 87-93.	0.5	8
66	Wheel/rail contact model for rail vehicle dynamics. <i>Comptes Rendus - Mecanique</i> , 2011, 339, 700-707.	2.1	7
67	Desmopressin effectiveness in renal colic pain management: Systematic review and meta-analysis. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1535-1541.	0.7	7
68	Intranasal ketamine reduces pain of digital nerve block; a double blind randomized clinical trial. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1622-1626.	0.7	7
69	A new criterion for assessment of train derailment risk. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2010, 224, 83-101.	0.5	6
70	Determining side-weir discharge coefficient using Anfis. <i>Water Management</i> , 2014, 167, 230-237.	0.4	6
71	Heminasal Proboscis, A Rare Craniofacial Cleft. <i>Journal of Craniofacial Surgery</i> , 2014, 25, e7-e9.	0.3	6
72	New analytic function expansion nodal (AFEN) method for solving multigroup neutron simplified P 3 (SP 3) equations. <i>Annals of Nuclear Energy</i> , 2015, 77, 148-160.	0.9	6

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73	Naproxen Twice Daily Versus as Needed (PRN) Dosing: Efficacy and Tolerability for Treatment of Acute Ankle Sprain, a Randomized Clinical Trial. <i>Asian Journal of Sports Medicine</i> , 2013, 4, 249-55.	0.1	6
74	Standard setting in medical education: fundamental concepts and emerging challenges. <i>Medical Journal of the Islamic Republic of Iran</i> , 2014, 28, 34.	0.9	6
75	A New System for Recognition of Handwritten Persian Bank Checks. , 2011, , .		5
76	Evaluating assessment programmes using programme evaluation models. <i>Medical Teacher</i> , 2015, 37, 792-793.	1.0	5
77	Validation of the North American Chest Pain Rule in Prediction of Very Low-Risk Chest Pain; a Diagnostic Accuracy Study. <i>Emergency</i> , 2017, 5, e11.	0.6	5
78	A comparative study on viscoelastic properties of polymeric composites measured by a longitudinal free vibration non-destructive test and dynamic mechanical thermal analysis. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 651-659.	1.3	4
79	Designing a new standard structure for improving automatic processing of Persian handwritten bank cheques. <i>Pattern Analysis and Applications</i> , 2014, 17, 849-862.	3.1	4
80	Introducing a model for optimal design of sequential objective structured clinical examinations. <i>Advances in Health Sciences Education</i> , 2016, 21, 1047-1060.	1.7	4
81	Use of Multi-Response Format Test in the Assessment of Medical Students' Critical Thinking Ability. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, LC10-LC13.	0.8	4
82	Emergency Medicine in Iran, Past and Present. <i>Academic Emergency Medicine</i> , 2007, 14, 832-832.	0.8	3
83	Infection pattern of neutropenic patients in post-chemotherapy phase of acute leukemia treatment. <i>Hematology Reports</i> , 2013, 5, 15.	0.3	3
84	Flexural free vibration as a non-destructive test for evaluation of viscoelastic properties of polymeric composites in bending direction. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 327-333.	1.3	3
85	Pneumomediastinum following Crystal Use: A Report of Two Cases. <i>Case Reports in Emergency Medicine</i> , 2016, 2016, 1-3.	0.1	3
86	Analytic function expansion nodal (AFEN) method for solving multigroup neutron simplified P3 (SP3) equations in hexagonal-z geometry. <i>Annals of Nuclear Energy</i> , 2016, 98, 74-80.	0.9	3
87	Simulation of chatter in plunge grinding process with structural and cutting force nonlinearities. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 2863-2881.	1.5	3
88	Basic statistics: A research primer for low- and middle-income countries. <i>African Journal of Emergency Medicine</i> , 2020, 10, S145-S149.	0.4	3
89	Acquiring data in medical research: A research primer for low- and middle-income countries. <i>African Journal of Emergency Medicine</i> , 2020, 10, S135-S139.	0.4	3
90	Comparison of Two Methods of Teaching hypertension in Under Graduate Medical Students: "Planned lecture" Versus "Cooperative learning". <i>Nephro-Urology Monthly</i> , 2012, 4, 478-481.	0.0	3

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91	Emergency Medicine in Iran, Past and Present. Academic Emergency Medicine, 2007, 14, 832-832.	0.8	3
92	Exploring undergraduate medical students' perception of learning procedural skills and its outcomes in clinical settings. Journal of Advances in Medical Education and Professionalism, 2019, 7, 175-182.	0.2	3
93	Effect of repetitive feedback on residents' communication skills improvement. Acta Medica Iranica, 2014, 52, 557-61.	0.8	3
94	Evaluation of the Modified Acute Physiology and Chronic Health Evaluation Scoring System for Prediction of Mortality in Patients Admitted to an Emergency Department. Hong Kong Journal of Emergency Medicine, 2010, 17, 464-470.	0.4	2
95	Combination of Cyclophosphamide, Etoposide, Carboplatin and Dexamethasone as a Salvage Regimen for Refractory Multiple Myeloma Patients: A Comparison with a Historical Control Group. Hematology Reports, 2012, 4, e14.	0.3	2
96	Partial compensatory scoring model in integrated assessment. Medical Education, 2014, 48, 1129-1130.	1.1	2
97	What is an optimal sequential OSCE model?. Medical Teacher, 2016, 38, 857-857.	1.0	2
98	Misconceptions and Integration. Journal of Advances in Medical Education and Professionalism, 2015, 3, 196-200.	0.2	2
99	Time Saving Simulation of Long Train Derailment. , 2008, , .		1
100	Investigating the changes in properties when a hydrophobic nanosilica is added to a two-pack polyurethane clear coat. International Journal of Nanomanufacturing, 2010, 5, 310.	0.3	1
101	Investigation on Effects of the Sleeper Defects on Rail Vehicle Vibration. , 2012, , .		1
102	Discussion: Triangular labyrinth side weirs with one and two cycles. Water Management, 2016, 169, 111-114.	0.4	1
103	Sequential Objective Structured Clinical Examination based on item response theory in Iran. Journal of Educational Evaluation for Health Professions, 2017, 14, 19.	5.9	1
104	A New Criterion for Prediction of Train Derailment. , 2007, , .		1
105	Simulation of Train Derailment in Passing Over Rails With Random Irregularities on a Viscoelastic Foundation. , 2008, , .		1
106	A model for evaluation of faculty members' activities based on meta-evaluation of a 5-year experience in medical school. Journal of Research in Medical Sciences, 2015, 20, 563.	0.4	1
107	Synthesis of Vitamin E Novel Analogues as Anti-Cancer Compounds. Jundishapur Journal of Natural Pharmaceutical Products, 2016, 11, .	0.3	1
108	Virus Reduction of Human Plasma-Derived Biological Medicines. Jundishapur Journal of Natural Pharmaceutical Products, 2017, 12, .	0.3	1

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109	Accuracy of Ultrasonography in Diagnosis of Shoulder Dislocation: A Systematic Review. <i>Advanced Journal of Emergency Medicine</i> , 2020, 4, e9.	0.7	1
110	The return visit, outcome and predicting factors of return visit among suspected COVID-19 outpatients. <i>Internal and Emergency Medicine</i> , 2022, 17, 1719-1726.	1.0	1
111	Investigation on Dynamic Interaction Between Wagon and Randomly Irregular Rail Track. , 2005, , 1825.		0
112	Flexible Wheel/Rail Contact Model for Railway Vehicle Dynamics Without Pre-Calculation. , 2007, , .		0
113	87: A Continuous Quality Improvement Approach to Patient Record Documentation Compliance in an Academic Emergency Department. <i>Annals of Emergency Medicine</i> , 2008, 51, 497.	0.3	0
114	Investigation on Train Derailment Using a New Criterion. , 2009, , .		0
115	Letter to the editor. <i>American Journal of Emergency Medicine</i> , 2010, 28, 520-521.	0.7	0
116	Experimental study of energy loss through submerged trashracks. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 392-393.	0.7	0
117	In Reply. <i>Academic Emergency Medicine</i> , 2013, 20, 113-113.	0.8	0
118	Borderline regression method versus borderline group method. <i>Clinical Teacher</i> , 2016, 13, 81-81.	0.4	0
119	Can Occam's razor help physicians cut out the unnecessary data?. <i>Medical Teacher</i> , 2017, 39, 1099-1100.	1.0	0
120	Advantages and disadvantages of between unit hand-off policies in Iranian hospitals: a qualitative study. <i>Hospital Practice (1995)</i> , 2019, 47, 155-162.	0.5	0
121	Ups and downs of conducting a BEME review: Lessons learned. <i>Medical Teacher</i> , 2020, 42, 240-241.	1.0	0
122	Urolithiasis diagnosis with CHOKAI rule; are we there yet?. <i>American Journal of Emergency Medicine</i> , 2020, 38, 843-844.	0.7	0
123	Oblique rectangular sharp-crested weir. <i>Water Management</i> , 2004, 157, 217-218.	0.4	0
124	Developing comprehensive course evaluation guidelines in Tehran University of Medical Sciences. <i>Journal of Advances in Medical Education and Professionalism</i> , 2015, 3, 150-1.	0.2	0
125	Oral Oxycodone Compared With Intravenous Morphine Sulfate for Pain Management of Isolated Limb Trauma; a Randomized Clinical Trial. <i>Emergency</i> , 2018, 6, e59.	0.6	0
126	A framework for participatory selection of the school dean: Report of an experience. <i>Journal of Education and Health Promotion</i> , 2020, 9, 19.	0.3	0

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127	Psychometric properties of the mini peer assessment tools (Mini-PAT) in emergency medicine residents. Medical Journal of the Islamic Republic of Iran, 2020, 34, 126.	0.9	0
128	Medical education: how does it flourish as a scientific discipline?. Acta Medica Iranica, 2014, 52, 5779.	0.8	0