Omar M Ashour

List of Publications by Year
in descending order

20 papers	332 citations	1040056 9 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	290 citing authors

#	Article	IF	Citations
1	A simulation analysis of the impact of FAHPâ€"MAUT triage algorithm on the Emergency Department performance measures. Expert Systems With Applications, 2013, 40, 177-187.	7.6	60
2	Dynamic patient grouping and prioritization: a new approach to emergency department flow improvement. Health Care Management Science, 2016, 19, 192-205.	2.6	41
3	Rank aggregation methods comparison: A case for triage prioritization. Expert Systems With Applications, 2013, 40, 1305-1311.	7.6	30
4	Evaluating the effect of variable fiber content on mechanical properties of additively manufactured continuous carbon fiber composites. Journal of Reinforced Plastics and Composites, 2021, 40, 365-377.	3.1	29
5	Efficacy Investigation of Virtual Reality Teaching Module in Manufacturing System Design Course. Journal of Mechanical Design, Transactions of the ASME, 2019, 141, .	2.9	22
6	A novice-centered decision-support system for type synthesis of function-generation mechanisms. Mechanism and Machine Theory, 2010, 45, 1252-1268.	4.5	19
7	Fuzzy AHP and utility theory based patient sorting in emergency departments. International Journal of Collaborative Enterprise, 2010, 1, 332.	0.2	19
8	Charpy impact energy absorption of 3D printed continuous Kevlar reinforced composites. Journal of Composite Materials, 2021, 55, 1705-1713.	2.4	17
9	Model comparison in Emergency Severity Index level prediction. Expert Systems With Applications, 2013, 40, 6901-6909.	7.6	16
10	A Study on Situated Cognition: Product Dissectionâ€™s Effect on Redesign Activities. , 2010, , .		14
11	An approach for rush order acceptance decisions using simulation and multi-attribute utility theory. European Journal of Industrial Engineering, 2017, 11, 613.	0.8	10
12	Deep Reinforcement Learning for Procedural Content Generation of 3D Virtual Environments. Journal of Computing and Information Science in Engineering, 2020, 20, .	2.7	9
13	Mastery Learning in Engineering: A Case Study in Statics. , 0, , .		9
14	Development of Experiment-Based Mathematical Models of Acoustic Signals for Machine Condition Monitoring. Procedia CIRP, 2018, 72, 1316-1320.	1.9	8
15	Reinforcement Learning Content Generation for Virtual Reality Applications. , 2019, , .		8
16	Redesign the engineering teaching and assessment methods to provide more information to improve students' learning. , 2014, , .		6
17	An integrated optimization and machine learning approach to predict the admission status of emergency patients. Expert Systems With Applications, 2022, 202, 117314.	7.6	6
18	From Product Dissection to Product Archaeology: Exposing Students to Global, Economic, Environmental, and Societal Impact Through Competitive and Collaborative â€œDigsâ€. , 2011, , .		4

#	Article	IF	Citations
19	Void Content Reduction in 3D Printed Glass Fiber-Reinforced Polymer Composites through Temperature and Pressure Consolidation. Journal of Composites Science, 2022, 6, 128.	3.0	3
20	The Assessment of Product Archaeology as a Platform for Contextualizing Engineering Design. , 2013, , .		2