Ali Mohammad Saghiri

List of Publications by Year
in descending order

56 papers	840 citations	623574 14 h-index	552653 26 g-index
64 all docs	64 docs citations	64 times ranked	589 citing authors

#	Article	IF	Citations
1	Effect of pH on Sealing Ability of White Mineral Trioxide Aggregate as a Root-end Filling Material. Journal of Endodontics, 2008, 34, 1226-1229.	1.4	98
2	Push-out Bond Strength of Mineral Trioxide Aggregate in the Presence of Alkaline pH. Journal of Endodontics, 2010, 36, 1856-1859.	1.4	94
3	A new approach for locating the minor apical foramen using an artificial neural network. International Endodontic Journal, 2012, 45, 257-265.	2.3	72
4	A study of the relation between erosion and microhardness of root canal dentin. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, e29-e34.	1.6	52
5	Scanning Electron Micrograph and Surface Hardness of Mineral Trioxide Aggregate in the Presence of Alkaline pH. Journal of Endodontics, 2009, 35, 706-710.	1.4	45
6	Recent Advances in Learning Automata. Studies in Computational Intelligence, 2018, , .	0.7	41
7	An approach for designing cognitive engines in cognitive peer-to-peer networks. Journal of Network and Computer Applications, 2016, 70, 17-40.	5.8	37
8	Back-scattered and secondary electron images of scanning electron microscopy in dentistry: a new method for surface analysis. Acta Odontologica Scandinavica, 2012, 70, 603-609.	0.9	27
9	Effects of Storage Temperature on Surface Hardness, Microstructure, and Phase Formation of White Mineral Trioxide Aggregate. Journal of Endodontics, 2010, 36, 1414-1418.	1.4	26
10	A framework for cognitive Internet of Things based on blockchain. , 2018, , .		24
11	A distributed adaptive landmark clustering algorithm based on <i>mOverlay</i> and <i>learning automata</i> for topology mismatch problem in unstructured peerâ€toâ€peer networks. International Journal of Communication Systems, 2017, 30, e2977.	1.6	19
12	A closed asynchronous dynamic model of cellular learning automata and its application to peer-to-peer networks. Genetic Programming and Evolvable Machines, 2017, 18, 313-349.	1.5	18
13	A Survey of Artificial Intelligence Challenges: Analyzing the Definitions, Relationships, and Evolutions. Applied Sciences (Switzerland), 2022, 12, 4054.	1.3	18
14	An adaptive super-peer selection algorithm considering peers capacity utilizing asynchronous dynamic cellular learning automata. Applied Intelligence, 2018, 48, 271-299.	3.3	17
15	A framework for cognitive recommender systems in the Internet of Things (IoT). , 2017, , .		15
16	Open asynchronous dynamic cellular learning automata and its application to allocation hub location problem. Knowledge-Based Systems, 2018, 139, 149-169.	4.0	14
17	A Self-Organized Framework for Insurance Based on Internet of Things and Blockchain. , 2018, , .		14
18	Blockchain Architecture. Studies in Big Data, 2020, , 161-176.	0.8	13

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19	A Self-adaptive Algorithm for Topology Matching in Unstructured Peer-to-Peer Networks. Journal of Network and Systems Management, 2016, 24, 393-426.	3.3	12
20	Noninvasive temporal detection of early retinal vascular changes during diabetes. Scientific Reports, 2020, 10, 17370.	1.6	12
21	A new version of k-random walks algorithm in peer-to-peer networks utilizing learning automata. , 2013, , .		11
22	An adaptive algorithm for super-peer selection considering peerâ€™s capacity in mobile peer-to-peer networks based on learning automata. Peer-to-Peer Networking and Applications, 2018, 11, 74-89.	2.6	10
23	Learning Automata Theory. Studies in Computational Intelligence, 2018, , 3-19.	0.7	10
24	The Internet of Things, Artificial Intelligence, and Blockchain: Implementation Perspectives. Studies in Big Data, 2020, , 15-54.	0.8	10
25	A novel self-adaptive search algorithm for unstructured peer-to-peer networks utilizing learning automata. , 2013, , .		8
26	A Framework for Component Selection Considering Dark Sides of Artificial Intelligence: A Case Study on Autonomous Vehicle. Electronics (Switzerland), 2021, 10, 384.	1.8	8
27	IoT-Based Healthcare Monitoring Using Blockchain. Studies in Big Data, 2021, , 141-170.	0.8	8
28	Learning Automata for Wireless Sensor Networks. Studies in Computational Intelligence, 2018, , 91-219.	0.7	7
29	Lurkers Versus Posters: Investigation of the Participation Behaviors in Online Learning Communities. Lecture Notes in Social Networks, 2020, , 269-298.	0.8	7
30	A Survey on Blockchain-Based Search Engines. Applied Sciences (Switzerland), 2021, 11, 7063.	1.3	6
31	Learning Automata for Cognitive Peer-to-Peer Networks. Studies in Computational Intelligence, 2018, , 221-278.	0.7	6
32	SIG-CLA: A Significant Community Detection based on Cellular Learning Automata. , 2020, , .		6
33	An algorithm for weighted positive influence dominating set based on learning automata. , 2017, , .		5
34	Learning Automata for Complex Social Networks. Studies in Computational Intelligence, 2018, , 279-334.	0.7	5
35	Utilizing Cellular Learning Automata for Finding Communities in Weighted Networks. , 2020, , .		4
36	Intelligent Random Walk: An Approach Based on Learning Automata. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.2	3

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37	A Survey on Challenges in Designing Cognitive Engines. , 2020, , .		3
38	Dental Plaque Removal Ability of Different Power Toothbrushes by Using a Three-Dimensional Study Model. International Journal of Clinical Preventive Dentistry, 2020, 16, 105-110.	0.0	3
39	Digital Twins in cancer: State-of-the-art and open research. , 2021, , .		3
40	An Adaptive Architecture for Personalized Search ?Engine in Ubiquitous Environment with Peer to Peer Systems. , 2009, , .		2
41	On expediency of Closed Asynchronous Dynamic Cellular Learning Automata. Journal of Computational Science, 2018, 24, 371-378.	1.5	2
42	An Architecture for Managing Internet of Things based on Cognitive Peer-to-peer Networks. , 2019, , .		2
43	Extracting Strategies for Improving Internet-of-Things-Based Home Industries in Iran: A Strengths, Weaknesses, Opportunities, and Threats Analysis. IEEE Transactions on Engineering Management, 2021, 68, 586-598.	2.4	2
44	Dental plaque removal ability of different power toothbrushes: a preliminary study of a novel automated toothbrush. Medical Devices & Sensors, 2021, 4, e10157.	2.7	2
45	Distributed Learning Automata-Based Algorithm for Finding K-Clique in Complex Social Networks. , 2020, , .		2
46	Enhance your search engine functionality with peer to peer systems. , 2010, , .		1
47	A bandwidth-aware algorithm for solving topology mismatch problem in peer-to-peer networks utilizing the combination of learning automata and X-BOT algorithm. , 2015, , .		1
48	An adaptive algorithm for managing gradient topology in peer-to-peer networks. , 2016, , .		1
49	Adaptive search in unstructured peer-to-peer networks based on ant colony and Learning Automata. , 2016, , .		1
50	An Adaptive Topology Management Algorithm in P2P Networks Based on Learning Automata. , 2019, , .		1
51	Random Walk Algorithms: Definitions, Weaknesses, and Learning Automata-Based Approach. SpringerBriefs in Applied Sciences and Technology, 2019, , 1-7.	0.2	1
52	Overlapping Community Detection in Social Networks Using Cellular Learning Automata. , 2020, , .		1
53	A Delay Aware Super-Peer Selection Algorithm for Gradient Topology Utilizing Learning Automata. Wireless Personal Communications, 2017, 95, 2611-2624.	1.8	0
54	Solving Minimum Dominating Set in Multiplex Networks Using Learning Automata. , 2021, , .		0

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55	Summary and Future Directions. Studies in Computational Intelligence, 2018, , 437-438.	0.7	0
56	HLA: a novel hybrid model based on fixed structure and variable structure learning automata. Journal of Experimental and Theoretical Artificial Intelligence, 0, , 1-26.	1.8	0