Robert M Patton

List of Publications by Year
in descending order

34 papers	480 citations	1478505 6 h-index	1372567 10 g-index
36 all docs	36 docs citations	36 times ranked	543 citing authors

#	Article	IF	Citations
1	Optimizing deep learning hyper-parameters through an evolutionary algorithm. , 2015, , .		235
2	Evolutionary Optimization for Neuromorphic Systems. , 2020, , .		42
3	A Study of Complex Deep Learning Networks on High-Performance, Neuromorphic, and Quantum Computers. ACM Journal on Emerging Technologies in Computing Systems, 2018, 14, 1-21.	2.3	39
4	Evolving Deep Networks Using HPC. , 2017, , .		35
5	Adiabatic Quantum Computation Applied to Deep Learning Networks. Entropy, 2018, 20, 380.	2.2	19
6	Analysis of mammography reports using maximum variation sampling. , 2008, , .		10
7	A Study of Complex Deep Learning Networks on High Performance, Neuromorphic, and Quantum Computers. , 2016, , .		10
8	Do citations and readership identify seminal publications?. Scientometrics, 2018, 115, 239-262.	3.0	9
9	Measuring Scientific Impact Beyond Citation Counts. D-Lib Magazine, 2016, 22, .	0.5	9
10	A Classical-Quantum Hybrid Approach for Unsupervised Probabilistic Machine Learning. Lecture Notes in Networks and Systems, 2020, , 98-117.	0.7	8
11	A genetic algorithm for learning significant phrase patterns in radiology reports. , 2009, , .		7
12	Hierarchical clustering and visualization of aggregate cyber data. , 2011, , .		7
13	Evolving Energy Efficient Convolutional Neural Networks. , 2019, , .		6
14	Flocking-based Document Clustering on the Graphics Processing Unit. Studies in Computational Intelligence, 2008, , 27-37.	0.9	6
15	An approach to the automated determination of host information value. , 2011, , .		5
16	Visualization techniques for computer network defense. , 2011, , .		5
17	Towards Establishing a Research Lineage via Identification of Significant Citations. Quantitative Science Studies, 0, , 1-19.	3.3	5
18	A Text Analysis Approach to Motivate Knowledge Sharing via Microsoft SharePoint. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
19	Identifying Event Impacts by Monitoring the News Media. , 2008, , .		3
20	Characterizing Mammography Reports for Health Analytics. Journal of Medical Systems, 2011, 35, 1197-1210.	3.6	3
21	Identification of User Facility Related Publications. D-Lib Magazine, 2012, 18, .	0.5	3
22	Architecture-level dependability analysis of a medical decision support system. , 2010, , .		2
23	Introduction to Innovative Data Analysis and Data Mining Tools in Biomedical Informatics Minitrack. , 2012, , .		2
24	Learning cue phrase patterns from radiology reports using a genetic algorithm. , 2009, , .		1
25	Characterizing mammography reports for health analytics. , 2010, , .		1
26	Classification of Distributed Data Using Topic Modeling and Maximum Variation Sampling. , 2011, , .		1
27	Particle Swarm Based Collective Searching Model for Adaptive Environment. Studies in Computational Intelligence, 2008, , 211-220.	0.9	1
28	Discovering Potential Precursors of Mammography Abnormalities Based on Textual Features, Frequencies, and Sequences. Lecture Notes in Computer Science, 2010, , 657-664.	1.3	1
29	Discovering event evidence amid massive, dynamic datasets. , 2007, , .		0
30	Genetic algorithm for analysis of abdominal aortic aneurysms in radiology reports. , 2010, , .		0
31	A Computational Framework for Search, Discovery, and Trending of Patient Health in Radiology Reports. , 2011, , .		0
32	Massively scalable near duplicate detection in streams of documents using MDSH. , 2013, , .		0
33	Using clinical data, hypothesis generation tools and PubMed trends to discover the association between diabetic retinopathy and antihypertensive drugs. , 2015, , .		0
34	Multi-year Content Analysis of User Facility Related Publications. D-Lib Magazine, 2013, 19, .	0.5	0