

Mai S Mabrouk

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,082
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Honey Badger Algorithm: New metaheuristic algorithm for solving optimization problems. <i>Mathematics and Computers in Simulation</i> , 2022, 192, 84-110.	4.4	516
2	Machine Learning-Based Models for Detection of Biomarkers of Autoimmune Diseases by Fragmentation and Analysis of miRNA Sequences. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5583.	2.5	3
3	Archimedes optimization algorithm: a new metaheuristic algorithm for solving optimization problems. <i>Applied Intelligence</i> , 2021, 51, 1531-1551.	5.3	553
4	Hybrid image encryption scheme for secure E-health systems. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2021, 10, 1.	2.1	11
5	A modified Henry gas solubility optimization for solving motif discovery problem. <i>Neural Computing and Applications</i> , 2020, 32, 10759-10771.	5.6	69
6	Multiple sclerosis: an associated single-nucleotide polymorphism study on Egyptian population. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2020, 9, 1.	2.1	4
7	Henry gas solubility optimization: A novel physics-based algorithm. <i>Future Generation Computer Systems</i> , 2019, 101, 646-667.	7.5	687
8	Fully automated computer-aided diagnosis system for micro calcifications cancer based on improved mammographic image techniques. <i>Ain Shams Engineering Journal</i> , 2019, 10, 517-527.	6.1	27
9	Studying the effects of haplotype partitioning methods on the RA-associated genomic results from the North American Rheumatoid Arthritis Consortium (NARAC) dataset. <i>Journal of Advanced Research</i> , 2019, 18, 113-126.	9.5	11
10	EEG-EOG based Virtual Keyboard: Toward Hybrid Brain Computer Interface. <i>Neuroinformatics</i> , 2019, 17, 323-341.	2.8	28
11	Review of Different Sequence Motif Finding Algorithms. <i>Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 130-148.	0.3	15
12	Comparative study for haplotype block partitioning methods " Evidence from chromosome 6 of the North American Rheumatoid Arthritis Consortium (NARAC) dataset. <i>PLoS ONE</i> , 2018, 13, e0209603.	2.5	1
13	CWOMF: Grey Wolf Optimization for motif finding. , 2017, , .		6
14	Identification of rheumatoid arthritis biomarkers based on single nucleotide polymorphisms and haplotype blocks: A systematic review and meta-analysis. <i>Journal of Advanced Research</i> , 2016, 7, 1-16.	9.5	41
15	Genetic Case-Control Study for Eight Polymorphisms Associated with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015, 10, e0131960.	2.5	31
16	Effect of MTHFR, TGF β 1, and TNFB polymorphisms on osteoporosis in rheumatoid arthritis patients. <i>Gene</i> , 2015, 568, 124-128.	2.2	8
17	Extraction of prediction rules: Protein secondary structure prediction. , 2014, , .		1
18	Vitamin D receptor gene polymorphisms in rheumatoid arthritis patients associating osteoporosis. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Adaptation of cuckoo search algorithm for the Motif Finding problem. , 2014, , .		2
20	Computer aided detection system for micro calcifications in digital mammograms. Computer Methods and Programs in Biomedicine, 2014, 116, 226-235.	4.7	60
21	Discovering best candidates for Hepatocellular Carcinoma (HCC) by in-silico techniques and tools. International Journal of Bioinformatics Research and Applications, 2012, 8, 141.	0.2	4