Ray Walshe

List of Publications by Year
in descending order

18 papers	**149** citations	1478505 **6** h-index	1199594 **12** g-index
18 all docs	**18** docs citations	**18** times ranked	**190** citing authors

#	Article	IF	Citations
1	Pol II promoter prediction using characteristic 4-mer motifs: a machine learning approach. BMC Bioinformatics, 2008, 9, 414.	2.6	35
2	A Comparison of On-Premise to Cloud Migration Approaches. Lecture Notes in Computer Science, 2013, , 212-226.	1.3	31
3	A computational model of antibiotic-resistance mechanisms in Methicillin-Resistant Staphylococcus aureus (MRSA). Journal of Theoretical Biology, 2008, 254, 284-293.	1.7	28
4	Supervised-learning-Based QoE Prediction of Video Streaming in Future Networks: A Tutorial with Comparative Study. IEEE Communications Magazine, 2021, 59, 88-94.	6.1	11
5	MODELING THE POPULATION DYNAMICS OF ANTIBIOTIC-RESISTANT BACTERIA: AN AGENT-BASED APPROACH. International Journal of Modern Physics C, 2009, 20, 435-457.	1.7	7
6	MODELING THE IMPACT OF SPATIAL STRUCTURE ON GROWTH DYNAMICS OF INVASIVE PLANT SPECIES. International Journal of Modern Physics C, 2013, 24, 1350042.	1.7	6
7	Unchaining Collective Intelligence for Science, Research, and Technology Development by Blockchain-Boosted Community Participation. Frontiers in Blockchain, 2021, 4, .	2.6	6
8	Artificial Neural Network Simulation on CUDA. , 2012, , .		5
9	MULTI-AGENT SIMULATIONS OF THE IMMUNE RESPONSE TO HIV DURING THE ACUTE STAGE OF INFECTION. International Journal of Modern Physics C, 2008, 19, 15-32.	1.7	4
10	A Theoretical Analysis of the Prodrug Delivery System for Treating Antibiotic-Resistant Bacteria. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 650-658.	3.0	3
11	Modeling Antibiotic Resistance in Bacterial Colonies Using Agent-Based Approach. , 2011, , 131-154.		3
12	AI and Big Data Standardization: Contributing to United Nations Sustainable Development Goals. Journal of ICT Standardization, 0, , .	0.6	3
13	Performance Evaluation of Cloud-Based Parallel Computing. , 2013, , .		2
14	The Origin of the Speeches: Language Evolution through Collaborative Reinforcement Learning. Lecture Notes in Computer Science, 2001, , 239-241.	1.3	2
15	First Implementation of the World-Wide-Mind. Lecture Notes in Computer Science, 2001, , 714-718.	1.3	2
16	Implementing a standardised annual programme review process in a third-level institution. Quality Assurance in Education, 2017, 25, 362-374.	1.5	1
17	An experimental system for real-time interaction between humans and hybrid AI agents. , 2012, , .		0
18	Technical Research Priorities for Big Data. , 2021, , 97-126.		0