

Michel Salomon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2930994/publications.pdf>

Version: 2024-02-01

45
papers

395
citations

932766

10
h-index

887659

17
g-index

47
all docs

47
docs citations

47
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic deep learning-based myocardial infarction segmentation from delayed enhancement MRI. Computerized Medical Imaging and Graphics, 2022, 95, 102014.	3.5	10
2	Prediction of Myocardial Infarction From Patient Features With Machine Learning. Frontiers in Cardiovascular Medicine, 2022, 9, 754609.	1.1	3
3	Deep learning methods for automatic evaluation of delayed enhancement-MRI. The results of the EMIDEC challenge. Medical Image Analysis, 2022, 79, 102428.	7.0	16
4	Supervised ADS-B Anomaly Detection Using a False Data Generator. , 2022, , .		2
5	Using Deep Learning for Object Distance Prediction in Digital Holography. , 2021, , .		2
6	Myocardial Infarction Segmentation From Late Gadolinium Enhancement MRI By Neural Networks and Prior Information. , 2020, , .		2
7	A Comparative Study of Deep Learning Architectures for Detection of Anomalous ADS-B Messages. , 2020, , .		2
8	Emidec: A Database Usable for the Automatic Evaluation of Myocardial Infarction from Delayed-Enhancement Cardiac MRI. Data, 2020, 5, 89.	1.2	46
9	Analyzing Stress Situations for Blind People. , 2019, , .		1
10	Ancestral Reconstruction and Investigations of Genomic Recombination on some Pentapetalae Chloroplasts. Journal of Integrative Bioinformatics, 2019, 16, .	1.0	1
11	Multiround Distributed Lifetime Coverage Optimization protocol in wireless sensor networks. Journal of Supercomputing, 2018, 74, 1949-1972.	2.4	20
12	On the reconstruction of the ancestral bacterial genomes in genus Mycobacterium and Brucella. BMC Systems Biology, 2018, 12, 100.	3.0	5
13	Comparison of metaheuristics to measure gene effects on phylogenetic supports and topologies. BMC Bioinformatics, 2018, 19, 218.	1.2	1
14	Image Denoising Using a Deep Encoder-Decoder Network with Skip Connections. Lecture Notes in Computer Science, 2018, , 554-565.	1.0	15
15	On the Ability to Reconstruct Ancestral Genomes from Mycobacterium Genus. Lecture Notes in Computer Science, 2017, , 642-658.	1.0	1
16	Improving Blind Steganalysis in Spatial Domain Using a Criterion to Choose the Appropriate Steganalyzer Between CNN and SRM+EC. IFIP Advances in Information and Communication Technology, 2017, , 327-340.	0.5	5
17	Relation between Gene Content and Taxonomy in Chloroplasts. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2017, 7, 41-50.	0.2	1
18	Development of a 4D numerical chest phantom with customizable breathing. Physica Medica, 2016, 32, 795-800.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Echo State Networks-Based Reservoir Computing for MNIST Handwritten Digits Recognition. , 2016, , .		37
20	Perimeter-based coverage optimization to improve lifetime in wireless sensor networks. Engineering Optimization, 2016, 48, 1951-1972.	1.5	41
21	Binary Particle Swarm Optimization Versus Hybrid Genetic Algorithm for Inferring Well Supported Phylogenetic Trees. Lecture Notes in Computer Science, 2016, , 165-179.	1.0	2
22	Distributed lifetime coverage optimization protocol in wireless sensor networks. Journal of Supercomputing, 2015, 71, 4578-4593.	2.4	41
23	Hybrid Genetic Algorithm and Lasso Test Approach for Inferring Well Supported Phylogenetic Trees Based on Subsets of Chloroplastic Core Genes. Lecture Notes in Computer Science, 2015, , 83-96.	1.0	5
24	Case-Based Reasoning adaptation of numerical representations of human organs by interpolation. Expert Systems With Applications, 2014, 41, 260-266.	4.4	32
25	Gene similarity-based approaches for determining core-genes of chloroplasts. , 2014, , .		5
26	Finding the Core-Genes of Chloroplasts. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2014, 4, 361-368.	0.2	2
27	Integration of the lung motion into 3D phantoms. Physica Medica, 2013, 29, e25.	0.4	0
28	Active MEMS-based flow control using artificial neural network. Mechatronics, 2013, 23, 898-905.	2.0	5
29	EQUIVOX: AN EXAMPLE OF ADAPTATION USING AN ARTIFICIAL NEURAL NETWORK ON A CASE-BASED REASONING PLATFORM. Biomedical Engineering - Applications, Basis and Communications, 2013, 25, 1350027.	0.3	3
30	Neural networks and chaos: Construction, evaluation of chaotic networks, and prediction of chaos with multilayer feedforward networks. Chaos, 2012, 22, 013122.	1.0	6
31	Suitability of Artificial Neural Network for MEMS-based Flow Control. , 2012, , .		0
32	DATA PROCESSING USING ARTIFICIAL NEURAL NETWORKS TO IMPROVE THE SIMULATION OF LUNG MOTION. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 563-571.	0.3	0
33	Respiratory lung motion using an artificial neural network. Neural Computing and Applications, 2012, 21, 929-934.	3.2	7
34	Perspective de la plate-forme NEMOSIS dans le cadre dâ€™une rÃ©duction de doses en imagerie. Radioprotection, 2012, 47, 599-617.	0.5	0
35	Protein Folding in the 2D Hydrophobicâ€“Hydrophilic (HP) Square Lattice Model is Chaotic. Cognitive Computation, 2012, 4, 98-114.	3.6	8
36	Adapting Numerical Representations of Lung Contours Using Case-Based Reasoning and Artificial Neural Networks. Lecture Notes in Computer Science, 2012, , 137-151.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Development of a new CBR-based platform for human contamination emergency situations. Radiation Protection Dosimetry, 2011, 144, 564-570.	0.4	6
38	Large Datasets: A Mixed Method to Adapt and Improve Their Learning by Neural Networks Used in Regression Contexts. International Federation for Information Processing, 2011, , 182-191.	0.4	1
39	A decentralized energy-based diffusion algorithm to increase the lifetime of MANETs. Computer Networks, 2010, 54, 2887-2898.	3.2	1
40	Efficient Domain Decomposition for a Neural Network Learning Algorithm, Used for the Dose Evaluation in External Radiotherapy. Lecture Notes in Computer Science, 2010, , 261-266.	1.0	7
41	Avenir des nouveaux concepts des calculs dosimétriques basés sur les méthodes de Monte Carlo. Radioprotection, 2009, 44, 77-88.	0.5	12
42	Increasing Lifetime of Wireless Ad Hoc Networks Using a Decentralized Algorithmic Approach. , 2006, , .		4
43	Synchronous and asynchronous solution of a 3D transport model in a grid computing environment. Applied Mathematical Modelling, 2006, 30, 616-628.	2.2	11
44	A Local-Control Algorithm to Prolong the Lifetime of Wireless Ad Hoc Networks. Lecture Notes in Computer Science, 2006, , 555-566.	1.0	3
45	A massively parallel approach to deformable matching of 3D medical images via stochastic differential equations. Parallel Computing, 2005, 31, 45-71.	1.3	13