

Georgina Cosma

List of Publications by Year in descending order

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57
papers

1,336
citations

516561

16
h-index

454834

30
g-index

60
all docs

60
docs citations

60
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifetime Estimation of Enamelled Wires Under Accelerated Thermal Aging Using Curve Fitting Methods. IEEE Access, 2021, 9, 18993-19003.	2.6	6
2	Image Enhanced Mask R-CNN: A Deep Learning Pipeline with New Evaluation Measures for Wind Turbine Blade Defect Detection and Classification. Journal of Imaging, 2021, 7, 46.	1.7	26
3	TAGA: Tabu Asexual Genetic Algorithm embedded in a filter/filter feature selection approach for high-dimensional data. Information Sciences, 2021, 565, 105-127.	4.0	25
4	On the Limitations of Visual-Semantic Embedding Networks for Image-to-Text Information Retrieval. Journal of Imaging, 2021, 7, 125.	1.7	8
5	Generalisation Power Analysis for finding a stable set of features using evolutionary algorithms for feature selection. Knowledge-Based Systems, 2021, 231, 107450.	4.0	4
6	Optimization of Output Spike Train Encoding for a Spiking Neuron Based on its Spatio-temporal Input Pattern. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 427-438.	2.6	8
7	A review of learning in biologically plausible spiking neural networks. Neural Networks, 2020, 122, 253-272.	3.3	199
8	Predicting Insulation Resistance of Enamelled Wire using Neural Network and Curve Fit Methods Under Thermal Aging. , 2020, , .		1
9	Enhancing Prediction in Cyclone Separators through Computational Intelligence. , 2020, , .		2
10	Classifying Imbalanced Multi-modal Sensor Data for Human Activity Recognition in a Smart Home using Deep Learning. , 2020, , .		13
11	AdaBoost-CNN: An adaptive boosting algorithm for convolutional neural networks to classify multi-class imbalanced datasets using transfer learning. Neurocomputing, 2020, 404, 351-366.	3.5	146
12	The Role of Neural Networks in Predicting the Thermal Life of Electrical Machines. IEEE Access, 2020, 8, 40283-40297.	2.6	17
13	Identifying prostate cancer and its clinical risk in asymptomatic men using machine learning of high dimensional peripheral blood flow cytometric natural killer cell subset phenotyping data. ELife, 2020, 9, .	2.8	12
14	Interpreting the Filters in the First Layer of a Convolutional Neural Network for Sleep Stage Classification. Advances in Intelligent Systems and Computing, 2020, , 142-154.	0.5	1
15	Medical Expert Systems – A Study of Trust and Acceptance by Healthcare Stakeholders. Advances in Intelligent Systems and Computing, 2019, , 108-119.	0.5	8
16	Feature Extraction and Classification Using Leading Eigenvectors: Applications to Biomedical and Multi-Modal mHealth Data. IEEE Access, 2019, 7, 107400-107412.	2.6	3
17	A Hybrid Semantic Knowledgebase-Machine Learning Approach for Opinion Mining. Data and Knowledge Engineering, 2019, 121, 88-108.	2.1	25
18	Clan-Based Cultural Algorithm for Feature Selection. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Activity Recognition from Multi-modal Sensor Data Using a Deep Convolutional Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 203-218.	0.5	7
20	Multi-Instance Iris Recognition. , 2018, , .		7
21	A Hybrid Model for Classification of Biomedical Data Using Feature Filtering and a Convolutional Neural Network. , 2018, , .		1
22	Bio-Inspired Ganglion Cell Models for Detecting Horizontal and Vertical Movements. , 2018, , .		0
23	Multi-Modal Biometric Recognition Using Human Iris and Dynamic Pressure Variation of Handwritten Signatures. , 2018, , .		3
24	Deep-FS: A feature selection algorithm for Deep Boltzmann Machines. <i>Neurocomputing</i> , 2018, 322, 22-37.	3.5	56
25	On-line voltage stability monitoring using an Ensemble AdaBoost classifier. , 2018, , .		9
26	Hand gesture recognition using an adapted convolutional neural network with data augmentation. , 2018, , .		37
27	Fingerprint classification using a deep convolutional neural network. , 2018, , .		32
28	Perceptual Comparison of Source-Code Plagiarism within Students from UK, China, and South Cyprus Higher Education Institutions. <i>ACM Transactions on Computing Education</i> , 2017, 17, 1-16.	2.9	10
29	Style Analysis for Source Code Plagiarism Detection “ An Analysis of a Dataset of Student Coursework. , 2017, , .		15
30	A novel approach based on an extended cuckoo search algorithm for the classification of tweets which contain Emoticon and Emoji. , 2017, , .		13
31	A multivariate feature selection framework for high dimensional biomedical data classification. , 2017, , .		3
32	A survey on computational intelligence approaches for predictive modeling in prostate cancer. <i>Expert Systems With Applications</i> , 2017, 70, 1-19.	4.4	73
33	Suitability of BlackBox dataset for style analysis in detection of source code plagiarism. , 2017, , .		2
34	A novel extended binary cuckoo search algorithm for feature selection. , 2017, , .		23
35	Exploiting domain knowledge and public linked data to extract opinions from reviews. , 2017, , .		2
36	Analysis of multimodal data obtained from users of smart textiles designed for mental wellbeing. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
37	Identifying the Presence of Prostate Cancer in Individuals with PSA Levels Using Computational Data Extraction Analysis of High Dimensional Peripheral Blood Flow Cytometric Phenotyping Data. <i>Frontiers in Immunology</i> , 2017, 8, 1771.	2.2	9
38	A new hybrid global optimization approach for selecting clinical and biological features that are relevant to the effective diagnosis of ovarian cancer. , 2016, , .		2
39	PROCEE: a PROstate Cancer Evaluation and Education serious game for African Caribbean men. <i>Journal of Assistive Technologies</i> , 2016, 10, 199-210.	0.9	4
40	A New Approach to Ontology-Based Semantic Modelling for Opinion Mining. , 2016, , .		8
41	Breast Cancer Diagnosis Using a Hybrid Genetic Algorithm for Feature Selection Based on Mutual Information. , 2016, , .		18
42	Neuro-Fuzzy Sentiment Analysis for Customer Review Rating Prediction. <i>Studies in Computational Intelligence</i> , 2016, , 379-397.	0.7	6
43	A computational intelligence approach to efficiently predicting review ratings in e-commerce. <i>Applied Soft Computing Journal</i> , 2016, 44, 153-162.	4.1	20
44	“Our people has got to come to terms with that” changing perceptions of the digital rectal examination as a barrier to prostate cancer diagnosis in African Caribbean men. <i>Psycho-Oncology</i> , 2016, 25, 1183-1190.	1.0	17
45	Prediction of Pathological Stage in Patients with Prostate Cancer: A Neuro-Fuzzy Model. <i>PLoS ONE</i> , 2016, 11, e0155856.	1.1	45
46	Co-design of a Prostate Cancer Serious Game for African Caribbean Men. , 2015, , .		3
47	A Fuzzy-based approach to programming language independent source-code plagiarism detection. , 2015, , .		23
48	An extended neuro-fuzzy approach for efficiently predicting review ratings in E-markets. , 2014, , .		2
49	An Intelligent Serious Game for Supporting African and African Caribbean Men during Pre- and Post-Diagnosis of Prostate Cancer. , 2014, , .		0
50	A hybrid computational intelligence approach for efficiently evaluating customer sentiments in E-commerce reviews. , 2014, , .		5
51	Source-code plagiarism in universities: a comparative study of student perspectives in China and the UK. <i>Assessment and Evaluation in Higher Education</i> , 2014, 39, 743-758.	3.9	20
52	An Approach to Source-Code Plagiarism Detection and Investigation Using Latent Semantic Analysis. <i>IEEE Transactions on Computers</i> , 2012, 61, 379-394.	2.4	126
53	Source Code Plagiarism—A Student Perspective. <i>IEEE Transactions on Education</i> , 2011, 54, 125-132.	2.0	76
54	Automatic Student Plagiarism Detection: Future Perspectives. <i>Journal of Educational Computing Research</i> , 2010, 43, 511-531.	3.6	43

#	ARTICLE	IF	CITATIONS
55	Towards a Definition of Source-Code Plagiarism. IEEE Transactions on Education, 2008, 51, 195-200.	2.0	98
56	Associations Between Gross Breast Cyst Composition and Breast Cancer Risk Factors. American Journal of Epidemiology, 2006, 163, S101-S101.	1.6	0
57	A Comparison of Fuzzy Approaches to E-Commerce Review Rating Prediction. , 0, , .		5