Amir Hussain

List of Publications by Year
in descending order

424 papers	13,503 citations	31976 53 h-index	33894 99 g-index
472 all docs	472 docs citations	472 times ranked	10038 citing authors

#	Article	IF	Citations
1	A novel oversampling and feature selection hybrid algorithm for imbalanced data classification. Multimedia Tools and Applications, 2023, 82, 3231-3267.	3.9	11
2	Improving aspect-level sentiment analysis with aspectÂextraction. Neural Computing and Applications, 2022, 34, 8333-8343.	5.6	18
3	A novelÂexplainable machine learning approachÂfor EEG-based brain-computer interface systems. Neural Computing and Applications, 2022, 34, 11347-11360.	5.6	43
4	Does semantics aid syntax? An empirical study on named entity recognition and classification. Neural Computing and Applications, 2022, 34, 8373-8384.	5.6	8
5	Ten Years of Sentic Computing. Cognitive Computation, 2022, 14, 5-23.	5.2	20
6	Arabic question answering system: a survey. Artificial Intelligence Review, 2022, 55, 207-253.	15.7	22
7	Cloud based scalable object recognition from video streams using orientation fusion and convolutional neural networks. Pattern Recognition, 2022, 121, 108207.	8.1	6
8	A novel multimodal fusion network based on a joint-coding model for lane line segmentation. Information Fusion, 2022, 80, 167-178.	19.1	12
9	Extending persian sentiment lexicon with idiomatic expressions for sentiment analysis. Social Network Analysis and Mining, 2022, 12, 1.	2.8	12
10	FairDrop: Biased Edge Dropout for Enhancing Fairness in Graph Representation Learning. IEEE Transactions on Artificial Intelligence, 2022, 3, 344-354.	4.7	22
11	Guest Editorial: A Decade of Sentic Computing. Cognitive Computation, 2022, 14, 1-4.	5.2	5
12	A fuzzy-enhanced deep learning approach for early detection of Covid-19 pneumonia from portable chest X-ray images. Neurocomputing, 2022, 481, 202-215.	5.9	79
13	A Machine Learning Approach Involving Functional Connectivity Features to Classify Rest-EEG Psychogenic Non-Epileptic Seizures from Healthy Controls. Sensors, 2022, 22, 129.	3.8	23
14	Antimicrobial Resistance and Machine Learning: Challenges and Opportunities. IEEE Access, 2022, 10, 31561-31577.	4.2	10
15	An Augmented Artificial Intelligence Approach for Chronic Diseases Prediction. Frontiers in Public Health, 2022, 10, 860396.	2.7	27
16	Design and Evaluation of a Button Sensor Antenna for On-Body Monitoring Activity in Healthcare Applications. Micromachines, 2022, 13, 475.	2.9	4
17	Artificial Intelligenceâ€"Enabled Social Media Analysis for Pharmacovigilance of COVID-19 Vaccinations in the United Kingdom: Observational Study. JMIR Public Health and Surveillance, 2022, 8, e32543.	2.6	13
18	RoadSeg-CD: A Network With Connectivity Array and Direction Map for Road Extraction From SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3992-4003.	4.9	2

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19	Exploiting Attention-Consistency Loss For Spatial-Temporal Stream Action Recognition. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-15.	4.3	7
20	Novel single and multi-layer echo-state recurrent autoencoders for representation learning. Engineering Applications of Artificial Intelligence, 2022, 114, 105051.	8.1	3
21	Style-Neutralized Pattern Classification Based on Adversarially Trained Upgraded U-Net. Cognitive Computation, 2021, 13, 845-858.	5.2	6
22	Editorial: Special Issue on Recent Advances in Cognitive Learning and Data Analysis. Cognitive Computation, 2021, 13, 785-786.	5.2	2
23	A novel approach to stance detection in social media tweets by fusing ranked lists and sentiments. Information Fusion, 2021, 67, 29-40.	19.1	33
24	Novel Artificial Immune Networks-based optimization of shallow machine learning (ML) classifiers. Expert Systems With Applications, 2021, 165, 113834.	7.6	13
25	Big data and IoT-based applications in smart environments: AÂsystematic review. Computer Science Review, 2021, 39, 100318.	15.3	196
26	Airport Detection in SAR Images Via Salient Line Segment Detector and Edge-Oriented Region Growing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 314-326.	4.9	13
27	Persuasive dialogue understanding: The baselines and negative results. Neurocomputing, 2021, 431, 47-56.	5.9	5
28	Lip-Reading Driven Deep Learning Approach for Speech Enhancement. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 481-490.	4.9	29
29	BitmapAligner: Bit-Parallelism String Matching with MapReduce and Hadoop. Computers, Materials and Continua, 2021, 68, 3931-3946.	1.9	7
30	*i*Worksafe: Towards Healthy Workplaces During COVID-19 With an Intelligent Phealth App for Industrial Settings. IEEE Access, 2021, 9, 13814-13828.	4.2	68
31	A novel automatic classification system based on hybrid unsupervised and supervised machine learning for electrospun nanofibers. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 64-76.	13.1	52
32	Real-Time Artifacts Reduction during TMS-EEG Co-Registration: A Comprehensive Review on Technologies and Procedures. Sensors, 2021, 21, 637.	3.8	17
33	A Novel Deep Learning-Based Multilevel Parallel Attention Neural (MPAN) Model for Multidomain Arabic Sentiment Analysis. IEEE Access, 2021, 9, 7508-7518.	4.2	27
34	Learning Polar Encodings for Arbitrary-Oriented Ship Detection in SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3846-3859.	4.9	32
35	A Multipath Fusion Strategy Based Single Shot Detector. Sensors, 2021, 21, 1360.	3.8	0
36	Conference Report on 2020 IEEE World Congress on Computational Intelligence (IEEE WCCI 2020) [Conference Reports]. IEEE Computational Intelligence Magazine, 2021, 16, 15-98.	3.2	1

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37	A Semi-supervised Approach for Sentiment Analysis of Arab(ic+izi) Messages: Application to the Algerian Dialect. SN Computer Science, 2021, 2, 1.	3.6	17
38	A Novel Coupled Reaction-Diffusion System for Explainable Gene Expression Profiling. Sensors, 2021, 21, 2190.	3.8	2
39	Discriminative Dictionary Design for Action Classification in Still Images and Videos. Cognitive Computation, 2021, 13, 698.	5.2	6
40	Novel Deep Convolutional Neural Network-Based Contextual Recognition of Arabic Handwritten Scripts. Entropy, 2021, 23, 340.	2.2	38
41	A Novel Deep Learning Method for Recognition and Classification of Brain Tumors from MRI Images. Diagnostics, 2021, 11, 744.	2.6	68
42	Improving generative adversarial networks with simple latent distributions. Neural Computing and Applications, 2021, 33, 13193-13203.	5.6	1
43	Artificial Intelligence–Enabled Analysis of Public Attitudes on Facebook and Twitter Toward COVID-19 Vaccines in the United Kingdom and the United States: Observational Study. Journal of Medical Internet Research, 2021, 23, e26627.	4.3	186
44	Understanding Public Perceptions of COVID-19 Contact Tracing Apps: Artificial Intelligence–Enabled Social Media Analysis. Journal of Medical Internet Research, 2021, 23, e26618.	4.3	25
45	User trustworthiness in online social networks: A systematic review. Applied Soft Computing Journal, 2021, 103, 107159.	7.2	23
46	Advances in machine translation for sign language: approaches, limitations, and challenges. Neural Computing and Applications, 2021, 33, 14357-14399.	5.6	34
47	Sentiment Analysis of Persian Movie Reviews Using Deep Learning. Entropy, 2021, 23, 596.	2.2	56
48	Radar Sensing for Activity Classification in Elderly People Exploiting Micro-Doppler Signatures Using Machine Learning. Sensors, 2021, 21, 3881.	3.8	30
49	Public Perception of the Fifth Generation of Cellular Networks (5G) on Social Media. Frontiers in Big Data, 2021, 4, 640868.	2.9	3
50	Effectiveness of virtual and augmented reality for improving knowledge and skills in medical students: protocol for a systematic review. BMJ Open, 2021, 11, e047004.	1.9	5
51	A Hybrid-Domain Deep Learning-Based BCI For Discriminating Hand Motion Planning From EEG Sources. International Journal of Neural Systems, 2021, 31, 2150038.	5.2	44
52	Detection of Diabetic Eye Disease from Retinal Images Using a Deep Learning Based CenterNet Model. Sensors, 2021, 21, 5283.	3.8	50
53	A novel domain activation mapping-guided network (DA-GNT) for visual tracking. Neurocomputing, 2021, 449, 443-454.	5.9	2
54	Multi-lingual character handwriting framework based on an integrated deep learning based sequence-to-sequence attention model. Memetic Computing, 2021, 13, 459-475.	4.0	6

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55	A novel context-aware multimodal framework for persian sentiment analysis. Neurocomputing, 2021, 457, 377-388.	5.9	50
56	Lane-DeepLab: Lane semantic segmentation in automatic driving scenarios for high-definition maps. Neurocomputing, 2021, 465, 15-25.	5.9	36
57	Conceptual text region network: Cognition-inspired accurate scene text detection. Neurocomputing, 2021, 464, 252-264.	5.9	5
58	Leveraging label hierarchy using transfer and multi-task learning: A case study on patent classification. Neurocomputing, 2021, 464, 421-431.	5.9	4
59	Coarse-grained generalized zero-shot learning with efficient self-focus mechanism. Neurocomputing, 2021, 463, 400-410.	5.9	3
60	A novel few-shot learning method for synthetic aperture radar image recognition. Neurocomputing, 2021, 465, 215-227.	5.9	8
61	Deep Sparse Auto-Encoder Features Learning for Arabic Text Recognition. IEEE Access, 2021, 9, 18569-18584.	4.2	8
62	Deep Learning in Mining Biological Data. Cognitive Computation, 2021, 13, 1-33.	5.2	231
63	An Ensemble Based Classification Approach for Persian Sentiment Analysis. Smart Innovation, Systems and Technologies, 2021, , 207-215.	0.6	9
64	A Novel Fingerprinting Technique for Data Storing and Sharing through Clouds. Sensors, 2021, 21, 7647.	3.8	6
65	An Integrated â€‰Approach for Cancer Survival Prediction Using Data Mining Techniques. Computational Intelligence and Neuroscience, 2021, 2021, 1-14.	1.7	12
66	An Attribute Weight Estimation Using Particle Swarm Optimization and Machine Learning Approaches for Customer Churn Prediction. , 2021, , .		3
67	Complex-Valued Neural Networks With Nonparametric Activation Functions. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 140-150.	4.9	43
68	Contextual deep learning-based audio-visual switching for speech enhancement in real-world environments. Information Fusion, 2020, 59, 163-170.	19.1	51
69	A hybrid Persian sentiment analysis framework: Integrating dependency grammar based rules and deep neural networks. Neurocomputing, 2020, 380, 1-10.	5.9	97
70	A Novel Real-Time, Lightweight Chaotic-Encryption Scheme for Next-Generation Audio-Visual Hearing Aids. Cognitive Computation, 2020, 12, 589-601.	5.2	24
71	A novel biologically-inspired target detection method based on saliency analysis for synthetic aperture radar (SAR) imagery. Neurocomputing, 2020, 402, 66-79.	5.9	11
72	A non-parametric softmax for improving neural attention in time-series forecasting. Neurocomputing, 2020, 381, 177-185.	5.9	16

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73	A novel statistical analysis and autoencoder driven intelligent intrusion detection approach. Neurocomputing, 2020, 387, 51-62.	5.9	135
74	A novel multi-modal machine learning based approach for automatic classification of EEG recordings in dementia. Neural Networks, 2020, 123, 176-190.	5.9	185
75	Novel Fuzzy and Game Theory Based Clustering and Decision Making for VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 1568-1581.	6.3	33
76	A Cognitively Inspired System Architecture for the Mengshi Cognitive Vehicle. Cognitive Computation, 2020, 12, 140-149.	5.2	23
77	From ancient times to modern: realizing the power of data visualization in healthcare and medicine. Big Data Analytics, 2020, 5, .	2.2	0
78	A Convolutional Neural Network based self-learning approach for classifying neurodegenerative states from EEG signals in dementia. , 2020, , .		8
79	A Novel Approach to Shadow Boundary Detection Based on an Adaptive Direction-Tracking Filter for Brain-Machine Interface Applications. Applied Sciences (Switzerland), 2020, 10, 6761.	2.5	6
80	Deep Neural Network Driven Binaural Audio Visual Speech Separation. , 2020, , .		9
81	A Novel Intelligent Computational Approach to Model Epidemiological Trends and Assess the Impact of Non-Pharmacological Interventions for COVID-19. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3551-3563.	6.3	22
82	Anchor-free Convolutional Network with Dense Attention Feature Aggregation for Ship Detection in SAR Images. Remote Sensing, 2020, 12, 2619.	4.0	50
83	Customized 2D Barcode Sensing for Anti-Counterfeiting Application in Smart IoT with Fast Encoding and Information Hiding. Sensors, 2020, 20, 4926.	3.8	8
84	A Novel Attention Fully Convolutional Network Method for Synthetic Aperture Radar Image Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4585-4598.	4.9	23
85	A Highly-Efficient Fuzzy-Based Controller With High Reduction Inputs and Membership Functions for a Grid-Connected Photovoltaic System. IEEE Access, 2020, 8, 163225-163237.	4.2	29
86	Visual Speech Recognition with Lightweight Psychologically Motivated Gabor Features. Entropy, 2020, 22, 1367.	2.2	4
87	A Comparison of Machine Learning Approaches for Predicting the Progression of Crohnâ€™s Disease. , 2020, , .		1
88	CochleaNet: A robust language-independent audio-visual model for real-time speech enhancement. Information Fusion, 2020, 63, 273-285.	19.1	60
89	Extracting Time Expressions and Named Entities with Constituent-Based Tagging Schemes. Cognitive Computation, 2020, 12, 844-862.	5.2	29
90	A Review of Shorthand Systems: From Brachygraphy to Microtext and Beyond. Cognitive Computation, 2020, 12, 778-792.	5.2	22

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91	Improving deep neural network performance by integrating kernelized Min-Max objective. Neurocomputing, 2020, 408, 82-90.	5.9	3
92	Encoding primitives generation policy learning for robotic arm to overcome catastrophic forgetting in sequential multi-tasks learning. Neural Networks, 2020, 129, 163-173.	5.9	4
93	Design and evaluation of a biologically-inspired cloud elasticity framework. Cluster Computing, 2020, 23, 3095-3117.	5.0	2
94	A Novel Fuzzy Multilayer Perceptron (F-MLP) for the Detection of Irregularity in Skin Lesion Border Using Dermoscopic Images. Frontiers in Medicine, 2020, 7, 297.	2.6	18
95	Comprehensive Taxonomies of Nature- and Bio-inspired Optimization: Inspiration Versus Algorithmic Behavior, Critical Analysis Recommendations. Cognitive Computation, 2020, 12, 897-939.	5.2	125
96	Impact of Relay Location of STANC Bi-Directional Transmission for Future Autonomous Internet of Things Applications. IEEE Access, 2020, 8, 29395-29406.	4.2	4
97	BrainOS: A Novel Artificial Brain-Alike Automatic Machine Learning Framework. Frontiers in Computational Neuroscience, 2020, 14, 16.	2.1	5
98	Novel deep neural network based pattern field classification architectures. Neural Networks, 2020, 127, 82-95.	5.9	4
99	Offline Arabic Handwriting Recognition Using Deep Machine Learning: A Review of Recent Advances. Lecture Notes in Computer Science, 2020, , 457-468.	1.3	11
100	PerSent 2.0: Persian Sentiment Lexicon Enriched with Domain-Specific Words. Lecture Notes in Computer Science, 2020, , 497-509.	1.3	8
101	Height Prediction for Growth Hormone Deficiency Treatment Planning Using Deep Learning. Lecture Notes in Computer Science, 2020, , 76-85.	1.3	0
102	Self-focus Deep Embedding Model for Coarse-Grained Zero-Shot Classification. Lecture Notes in Computer Science, 2020, , 12-22.	1.3	1
103	Pixel-Wise Segmentation of SAR Imagery Using Encoder-Decoder Network and Fully-Connected CRF. Lecture Notes in Computer Science, 2020, , 155-165.	1.3	0
104	Dynamic Multi Objective Particle Swarm optimization with Cooperative Agents. , 2020, , .		5
105	Disturbance Observer based Controller Design to Reduce Sensor Count in Standalone PVDG Systems. , 2020, , .		1
106	Toward's Arabic Multi-modal Sentiment Analysis. Lecture Notes in Electrical Engineering, 2019, , 2378-2386.	0.4	7
107	A New Algorithm for SAR Image Target Recognition Based on an Improved Deep Convolutional Neural Network. Cognitive Computation, 2019, 11, 809-824.	5.2	91
108	A Survey on the Role of Wireless Sensor Networks and IoT in Disaster Management. Springer Natural Hazards, 2019, , 57-66.	0.3	44

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109	A comparison of two methods of using a serious game for teaching marine ecology in a university setting. International Journal of Human Computer Studies, 2019, 127, 181-189.	5.6	9
110	Big Data Analytics and Mining for Effective Visualization and Trends Forecasting of Crime Data. IEEE Access, 2019, 7, 106111-106123.	4.2	79
111	Speaker-Independent Multimodal Sentiment Analysis for Big Data. , 2019, , 13-43.		3
112	Deep Learning Based Single Image Super-resolution: A Survey. International Journal of Automation and Computing, 2019, 16, 413-426.	4.5	53
113	A novel visual attention method for target detection from SAR images. Chinese Journal of Aeronautics, 2019, 32, 1946-1958.	5.3	15
114	Editorial: Physiological Computing of Social Cognition. Frontiers in Human Neuroscience, 2019, 13, 326.	2.0	1
115	A Time-Frequency based Machine Learning System for Brain States Classification via EEG Signal Processing. , 2019, , .		17
116	A Semi-Supervised Synthetic Aperture Radar (SAR) Image Recognition Algorithm Based on an Attention Mechanism and Bias-Variance Decomposition. IEEE Access, 2019, 7, 108617-108632.	4.2	15
117	Improving surface integrity aspects of AISI 316L in the context of bioimplant applications. International Journal of Advanced Manufacturing Technology, 2019, 105, 2857-2867.	3.0	13
118	Cognitive Modelling and Learning for Multimedia Mining and Understanding. Cognitive Computation, 2019, 11, 761-762.	5.2	9
119	Integrated GANs: Semi-Supervised SAR Target Recognition. IEEE Access, 2019, 7, 113999-114013.	4.2	11
120	A novel deep learning driven, low-cost mobility prediction approach for 5G cellular networks: The case of the Control/Data Separation Architecture (CDSA). Neurocomputing, 2019, 358, 479-489.	5.9	63
121	Unsupervised Machine Learning for Networking: Techniques, Applications and Research Challenges. IEEE Access, 2019, 7, 65579-65615.	4.2	206
122	A Novel Multi-Input Bidirectional LSTM and HMM Based Approach for Target Recognition from Multi-Domain Radar Range Profiles. Electronics (Switzerland), 2019, 8, 535.	3.1	7
123	Saliency detection via multi-view graph based saliency optimization. Neurocomputing, 2019, 351, 156-166.	5.9	9
124	Computational Intelligence for Affective Computing and Sentiment Analysis [Guest Editorial]. IEEE Computational Intelligence Magazine, 2019, 14, 16-17.	3.2	59
125	A Novel Semi-Supervised Learning Method Based on Fast Search and Density Peaks. Complexity, 2019, 2019, 1-23.	1.6	2
126	Weakly Supervised Segmentation of SAR Imagery Using Superpixel and Hierarchically Adversarial CRF. Remote Sensing, 2019, 11, 512.	4.0	35

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127	Bi-level multi-objective evolution of a Multi-Layered Echo-State Network Autoencoder for data representations. Neurocomputing, 2019, 341, 195-211.	5.9	18
128	Computational and natural language processing based studies of hadith literature: a survey. Artificial Intelligence Review, 2019, 52, 1369-1414.	15.7	25
129	TSDL: A Two-Stage Deep Learning Model for Efficient Network Intrusion Detection. IEEE Access, 2019, 7, 30373-30385.	4.2	220
130	A Novel Multi-Stage Fusion based Approach for Gene Expression Profiling in Non-Small Cell Lung Cancer. IEEE Access, 2019, 7, 37141-37150.	4.2	9
131	Cognitively Inspired Feature Extraction and Speech Recognition for Automated Hearing Loss Testing. Cognitive Computation, 2019, 11, 489-502.	5.2	17
132	Random Features and Random Neurons for Brain-Inspired Big Data Analytics. , 2019, , .		5
133	MPSSD: Multi-Path Fusion Single Shot Detector. , 2019, , .		1
134	SimpleGAN Stabilizing Generative Adversarial Networks with Simple Distributions. , 2019, , .		1
135	Primitives Generation Policy Learning without Catastrophic Forgetting for Robotic Manipulation. , 2019, , .		0
136	Generalized Adversarial Training in Riemannian Space. , 2019, , .		5
137	A Survey on Deep Learning for the Routing Layer of Computer Network. , 2019, , .		13
138	Attention Graph Convolution Network for Image Segmentation in Big SAR Imagery Data. Remote Sensing, 2019, 11, 2586.	4.0	49
139	A Parameter Estimation Based MPPT Method for a PV System Using Lyapunov Control Scheme. IEEE Transactions on Sustainable Energy, 2019, 10, 2123-2132.	8.8	18
140	Robust pixelwise saliency detection via progressive graph rankings. Neurocomputing, 2019, 329, 433-446.	5.9	8
141	Large-scale Ensemble Model for Customer Churn Prediction in Search Ads. Cognitive Computation, 2019, 11, 262-270.	5.2	32
142	Cross-modality interactive attention network for multispectral pedestrian detection. Information Fusion, 2019, 50, 20-29.	19.1	111
143	A Convolutional Neural Network approach for classification of dementia stages based on 2D-spectral representation of EEG recordings. Neurocomputing, 2019, 323, 96-107.	5.9	175
144	Guided Policy Search for Sequential Multitask Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 216-226.	9.3	32

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145	Connections between e-learning, web science, cognitive computation and social sensing, and their relevance to learning analytics: A preliminary study. Computers in Human Behavior, 2019, 92, 478-486.	8.5	22
146	Seeking Understanding: Helping Graduate Students to Write for Scholarly Journals in Religion. Religious Studies and Theology, 2019, 38, 218-222.	0.1	0
147	Learning from Few Samples with Memory Network. Cognitive Computation, 2018, 10, 15-22.	5.2	14
148	Computational Intelligence Techniques for Mobile Network Optimization [Guest Editorial]. IEEE Computational Intelligence Magazine, 2018, 13, 28-28.	3.2	4
149	A Novel Method of Signal Fusion Based on Dimension Expansion. Circuits, Systems, and Signal Processing, 2018, 37, 4295-4318.	2.0	3
150	A Novel Spatiotemporal Longitudinal Methodology for Predicting Obesity Using Near Infrared Spectroscopy (NIRS) Cerebral Functional Activity Data. Cognitive Computation, 2018, 10, 591-609.	5.2	0
151	Spatial-temporal representatives selection and weighted patch descriptor for person re-identification. Neurocomputing, 2018, 290, 121-129.	5.9	1
152	Applications of Deep Learning and Reinforcement Learning to Biological Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2063-2079.	11.3	596
153	Special Issue Editorial: Cognitively-Inspired Computing for Knowledge Discovery. Cognitive Computation, 2018, 10, 1-2.	5.2	22
154	The Fundamental Code Unit of the Brain: Towards a New Model for Cognitive Geometry. Cognitive Computation, 2018, 10, 426-436.	5.2	11
155	Three-Dimensional Local Energy-Based Shape Histogram (3D-LESH): A Novel Feature Extraction Technique. Expert Systems With Applications, 2018, 112, 388-400.	7.6	13
156	A review on multi-task metric learning. Big Data Analytics, 2018, 3, .	2.2	10
157	Special Issue of BICS 2016. Cognitive Computation, 2018, 10, 282-283.	5.2	0
158	Learning Latent Features With Infinite Nonnegative Binary Matrix Trifactorization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 450-463.	4.9	14
159	A Brain-Inspired Trust Management Model to Assure Security in a Cloud Based IoT Framework for Neuroscience Applications. Cognitive Computation, 2018, 10, 864-873.	5.2	139
160	Sentic LSTM: a Hybrid Network for Targeted Aspect-Based Sentiment Analysis. Cognitive Computation, 2018, 10, 639-650.	5.2	232
161	Semi-supervised learning for big social data analysis. Neurocomputing, 2018, 275, 1662-1673.	5.9	181
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164	Extracting online information from dual and multiple data streams. Neural Computing and Applications, 2018, 30, 87-98.	5.6	2
165	A novel decision support system for the interpretation of remote sensing big data. Earth Science Informatics, 2018, 11, 31-45.	3.2	34
166	Student Performance Prediction Using Algorithms of Data Mining. , 2018, , .		4
167	Multimodal Sentiment Analysis: Addressing Key Issues and Setting Up the Baselines. IEEE Intelligent Systems, 2018, 33, 17-25.	4.0	134
168	Towards workload-aware cloud resource provisioning using a multi-controller fuzzy switching approach. International Journal of High Performance Computing and Networking, 2018, 12, 13.	0.4	2
169	Fast Lip Feature Extraction Using Psychologically Motivated Gabor Features. , 2018, , .		4
170	Concept Extraction from Natural Text for Concept Level Text Analysis. A Practical Guide To Sentiment Analysis, 2018, , 79-84.	0.3	1
171	EmoSenticSpace: Dense Concept-Based Affective Features with Common-Sense Knowledge. A Practical Guide To Sentiment Analysis, 2018, , 85-116.	0.3	1
172	Improving Deep Neural Network Performance with Kernelized Min-Max Objective. Lecture Notes in Computer Science, 2018, , 182-191.	1.3	0
173	A Semi-supervised Corpus Annotation for Saudi Sentiment Analysis Using Twitter. Lecture Notes in Computer Science, 2018, , 589-596.	1.3	2
174	Multimodal Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2018, , .	0.3	18
175	Literature Survey and Datasets. A Practical Guide To Sentiment Analysis, 2018, , 37-78.	0.3	0
176	Statistical Analysis Driven Optimized Deep Learning System for Intrusion Detection. Lecture Notes in Computer Science, 2018, , 759-769.	1.3	38
177	SentiALG: Automated Corpus Annotation for Algerian Sentiment Analysis. Lecture Notes in Computer Science, 2018, , 557-567.	1.3	33
178	Exploiting Deep Learning for Persian Sentiment Analysis. Lecture Notes in Computer Science, 2018, , 597-604.	1.3	25
179	The Legacy of Wilfred Cantwell Smith. Toronto Journal of Theology, 2018, 34, 267-276.	0.0	0
180	Accelerating Infinite Ensemble of Clustering by Pivot Features. Cognitive Computation, 2018, 10, 1042-1050.	5.2	9

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181	A control theoretical view of cloud elasticity: taxonomy, survey and challenges. Cluster Computing, 2018, 21, 1735-1764.	5.0	35
182	Relation Extraction of Medical Concepts Using Categorization and Sentiment Analysis. Cognitive Computation, 2018, 10, 670-685.	5.2	19
183	A new two-layer mixture of factor analyzers with joint factor loading model for the classification of small dataset problems. Neurocomputing, 2018, 312, 352-363.	5.9	5
184	Before Orthodoxy: The Satanic Verses in Early Islam. By Shahab Ahmed. Journal of the American Academy of Religion, 2018, 86, 1151-1152.	0.3	0
185	Benchmarking Multimodal Sentiment Analysis. Lecture Notes in Computer Science, 2018, , 166-179.	1.3	30
186	Clinical Decision Support Systems: A Visual Survey. Informatica (Slovenia), 2018, 42, .	0.9	3
187	A Quantum based Evolutionary Algorithm for Stock Index and Bitcoin Price Forecasting. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	0
188	Style Neutralization Generative Adversarial Classifier. Lecture Notes in Computer Science, 2018, , 3-13.	1.3	1
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