Vitoantonio Bevilacqua

List of Publications by Year
in descending order

184 papers	2,563 citations	236833 25 h-index	276775 41 g-index
205 all docs	205 docs citations	205 times ranked	2681 citing authors

#	Article	IF	Citations
1	Computer vision and deep learning techniques for pedestrian detection and tracking: A survey. Neurocomputing, 2018, 300, 17-33.	3.5	353
2	Real time RULA assessment using Kinect v2 sensor. Applied Ergonomics, 2017, 65, 481-491.	1.7	140
3	Classification of Single Normal and Alzheimer's Disease Individuals from Cortical Sources of Resting State EEG Rhythms. Frontiers in Neuroscience, 2016, 10, 47.	1.4	73
4	Assessment of Speech Intelligibility in Parkinsonâ€™s Disease Using a Speech-To-Text System. IEEE Access, 2017, 5, 22199-22208.	2.6	68
5	A Marker-Less Registration Approach for Mixed Realityâ€"Aided Maxillofacial Surgery: a Pilot Evaluation. Journal of Digital Imaging, 2019, 32, 1008-1018.	1.6	52
6	Classification of Healthy Subjects and Alzheimer's Disease Patients with Dementia from Cortical Sources of Resting State EEG Rhythms: A Study Using Artificial Neural Networks. Frontiers in Neuroscience, 2016, 10, 604.	1.4	51
7	Computer-assisted frameworks for classification of liver, breast and blood neoplasias via neural networks: A survey based on medical images. Neurocomputing, 2019, 335, 274-298.	3.5	51
8	A low-cost vision system based on the analysis of motor features for recognition and severity rating of Parkinsonâ€™s Disease. BMC Medical Informatics and Decision Making, 2019, 19, 243.	1.5	48
9	Performance Assessment in Fingerprinting and Multi Component Quantitative NMR Analyses. Analytical Chemistry, 2015, 87, 6709-6717.	3.2	45
10	Semantic Segmentation Framework for Glomeruli Detection and Classification in Kidney Histological Sections. Electronics (Switzerland), 2020, 9, 503.	1.8	45
11	A Linear Approach to Optimize an EMG-Driven Neuromusculoskeletal Model for Movement Intention Detection in Myo-Control: A Case Study on Shoulder and Elbow Joints. Frontiers in Neurorobotics, 2018, 12, 74.	1.6	42
12	Comparison of data-merging methods with SVM attribute selection and classification in breast cancer gene expression. BMC Bioinformatics, 2012, 13, S9.	1.2	39
13	Fall detection in indoor environment with kinect sensor. , 2014, , .		39
14	A novel BCI-SSVEP based approach for control of walking in Virtual Environment using a Convolutional Neural Network. , 2014, , .		36
15	An Artificial Neural Network Model to Forecast Exchange Rates. Journal of Intelligent Learning Systems and Applications, 2011, 03, 57-69.	0.4	36
16	A novel approach to evaluate blood parameters using computer vision techniques. , 2016, , .		35
17	A performance comparison between shallow and deeper neural networks supervised classification of tomosynthesis breast lesions images. Cognitive Systems Research, 2019, 53, 3-19.	1.9	34
18	Deep learning for processing electromyographic signals: A taxonomy-based survey. Neurocomputing, 2021, 452, 549-565.	3.5	34

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19	A face recognition system based on Pseudo 2D HMM applied to neural network coefficients. Soft Computing, 2008, 12, 615-621.	2.1	32
20	An innovative neural network framework to classify blood vessels and tubules based on Haralick features evaluated in histological images of kidney biopsy. Neurocomputing, 2017, 228, 143-153.	3.5	32
21	A model-free technique based on computer vision and sEMG for classification in Parkinson's disease by using computer-assisted handwriting analysis. Pattern Recognition Letters, 2019, 121, 28-36.	2.6	32
22	Testing a novel method for improving wayfinding by means of a P3b Virtual Reality Visual Paradigm in normal aging. SpringerPlus, 2016, 5, 1297.	1.2	31
23	An Optimized Feed-forward Artificial Neural Network Topology to Support Radiologists in Breast Lesions Classification. , 2016, , .		31
24	A Deep Learning Instance Segmentation Approach for Global Glomerulosclerosis Assessment in Donor Kidney Biopsies. Electronics (Switzerland), 2020, 9, 1768.	1.8	30
25	TestGraphia, a Software System for the Early Diagnosis of Dysgraphia. IEEE Access, 2020, 8, 19564-19575.	2.6	30
26	A new tool to support diagnosis of neurological disorders by means of facial expressions. , 2011, , .		29
27	Mutual interaction between motor cortex activation and pain in fibromyalgia: EEG-fNIRS study. PLoS ONE, 2020, 15, e0228158.	1.1	28
28	Developing optimal input design strategies in cancer systems biology with applications to microfluidic device engineering. BMC Bioinformatics, 2009, 10, S4.	1.2	27
29	Three-dimensional virtual colonoscopy for automatic polyps detection by artificial neural network approach: New tests on an enlarged cohort of polyps. Neurocomputing, 2013, 116, 62-75.	3.5	27
30	Retinal Fundus Biometric Analysis for Personal Identifications. Lecture Notes in Computer Science, 2008, , 1229-1237.	1.0	26
31	Distributed medical images analysis on a Grid infrastructure. Future Generation Computer Systems, 2007, 23, 475-484.	4.9	25
32	A comparison between two semantic deep learning frameworks for the autosomal dominant polycystic kidney disease segmentation based on magnetic resonance images. BMC Medical Informatics and Decision Making, 2019, 19, 244.	1.5	25
33	VoxTester, software for digital evaluation of speech changes in Parkinson disease. , 2016, , .		24
34	Liver, kidney and spleen segmentation from CT scans and MRI with deep learning: A survey. Neurocomputing, 2022, 490, 30-53.	3.5	24
35	Evolutionary approach to inverse planning in coplanar radiotherapy. Image and Vision Computing, 2007, 25, 196-203.	2.7	23
36	A novel approach for Hepatocellular Carcinoma detection and classification based on triphasic CT Protocol. , 2017, , .		23

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37	Biometric handwriting analysis to support Parkinson's Disease assessment and grading. BMC Medical Informatics and Decision Making, 2019, 19, 252.	1.5	23
38	Segmentation and Identification of Vertebrae in CT Scans Using CNN, k-Means Clustering and k-NN. Informatics, 2021, 8, 40.	2.4	23
39	Strategic design and multi-objective optimisation of distribution networks based on genetic algorithms. International Journal of Computer Integrated Manufacturing, 2012, 25, 1139-1150.	2.9	22
40	Experiencing the Sights, Smells, Sounds, and Climate of Southern Italy in VR. IEEE Computer Graphics and Applications, 2017, 37, 19-25.	1.0	21
41	A neuromusculoskeletal model of the human upper limb for a myoelectric exoskeleton control using a reduced number of muscles. , 2015, , .		18
42	CRISPRLearner: A Deep Learning-Based System to Predict CRISPR/Cas9 sgRNA On-Target Cleavage Efficiency. Electronics (Switzerland), 2019, 8, 1478.	1.8	18
43	Computer Vision and EMG-Based Handwriting Analysis for Classification in Parkinson's Disease. Lecture Notes in Computer Science, 2017, , 493-503.	1.0	17
44	Rhino-Cyt: A System for Supporting the Rhinologist in the Analysis of Nasal Cytology. Lecture Notes in Computer Science, 2018, , 619-630.	1.0	17
45	ON THE COMPARISON OF NN-BASED ARCHITECTURES FOR DIABETIC DAMAGE DETECTION IN RETINAL IMAGES. Journal of Circuits, Systems and Computers, 2009, 18, 1369-1380.	1.0	16
46	Inline Defective Laser Weld Identification by Processing Thermal Image Sequences with Machine and Deep Learning Techniques. Applied Sciences (Switzerland), 2022, 12, 6455.	1.3	15
47	Artificial neural networks for feedback control of a human elbow hydraulic prosthesis. Neurocomputing, 2014, 137, 3-11.	3.5	14
48	Extending Hough Transform to a Points' Cloud for 3D-Face Nose-Tip Detection. Lecture Notes in Computer Science, 2008, , 1200-1209.	1.0	14
49	Lung Segmentation and Characterization in COVID-19 Patients for Assessing Pulmonary Thromboembolism: An Approach Based on Deep Learning and Radiomics. Electronics (Switzerland), 2021, 10, 2475.	1.8	14
50	An interaction torque control improving human force estimation of the rehab-exos exoskeleton. , 2014, , .		13
51	A Survey on Deep Learning in Electromyographic Signal Analysis. Lecture Notes in Computer Science, 2019, , 751-761.	1.0	13
52	Detection and Segmentation of Kidneys from Magnetic Resonance Images in Patients with Autosomal Dominant Polycystic Kidney Disease. Lecture Notes in Computer Science, 2019, , 639-650.	1.0	13
53	A Novel Multi Objective Genetic Algorithm for the Portfolio Optimization. Lecture Notes in Computer Science, 2011, , 186-193.	1.0	12
54	A supervised CAD to support telemedicine in hematology. , 2015, , .		12

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55	Evaluation of a Pose-Shared Synergy-Based Isometric Model for Hand Force Estimation: Towards Myocontrol. Biosystems and Biorobotics, 2017, , 953-958.	0.2	12
56	Shape-Based Breast Lesion Classification Using Digital Tomosynthesis Images: The Role of Explainable Artificial Intelligence. Applied Sciences (Switzerland), 2022, 12, 6230.	1.3	12
57	A Linear Optimization Procedure for an EMG-driven NeuroMusculoSkeletal Model Parameters Adjusting: Validation Through a Myoelectric Exoskeleton Control. Lecture Notes in Computer Science, 2016, , 218-227.	1.0	11
58	Retinal Vessel Extraction by a Combined Neural Network–Wavelet Enhancement Method. Lecture Notes in Computer Science, 2009, , 1106-1116.	1.0	11
59	Advanced classification of Alzheimer's disease and healthy subjects based on EEG markers. , 2015, , .		10
60	Task-Oriented Muscle Synergy Extraction Using An Autoencoder-Based Neural Model. Information (Switzerland), 2020, 11, 219.	1.7	10
61	Gait Analysis and Parkinson's Disease: Recent Trends on Main Applications in Healthcare. Biosystems and Biorobotics, 2019, , 1121-1125.	0.2	10
62	Real-Time Emotion Recognition: An Improved Hybrid Approach for Classification Performance. Lecture Notes in Computer Science, 2014, , 320-331.	1.0	10
63	A Novel Approach in Combination of 3D Gait Analysis Data for Aiding Clinical Decision-Making in Patients with Parkinson's Disease. Lecture Notes in Computer Science, 2017, , 504-514.	1.0	10
64	A Deep Learning Approach for the Automatic Detection and Segmentation in Autosomal Dominant Polycystic Kidney Disease Based on Magnetic Resonance Images. Lecture Notes in Computer Science, 2018, , 643-649.	1.0	10
65	Focal Dice Loss-Based V-Net for Liver Segments Classification. Applied Sciences (Switzerland), 2022, 12, 3247.	1.3	10
66	Pattern Recognition and Mixed Reality for Computer-Aided Maxillofacial Surgery and Oncological Assessment. , 2018, , .		9
67	A Supervised Approach to Classify the Status of Bone Mineral Density in Post-Menopausal Women through Static and Dynamic Baropodometry. , 2018, , .		9
68	A comparison between ANN and SVM classifiers for Parkinson's disease by using a model-free computer-assisted handwriting analysis based on biometric signals. , 2018, , .		9
69	An undercomplete autoencoder to extract muscle synergies for motor intention detection. , 2019, , .		9
70	A Wearable Device Supporting Multiple Touch- and Gesture-Based Languages for the Deaf-Blind. Advances in Intelligent Systems and Computing, 2018, , 32-41.	0.5	9
71	Predictive Machine Learning Models and Survival Analysis for COVID-19 Prognosis Based on Hematochemical Parameters. Sensors, 2021, 21, 8503.	2.1	9
72	3D HEAD POSE NORMALIZATION WITH FACE GEOMETRY ANALYSIS, GENETIC ALGORITHMS AND PCA. Journal of Circuits, Systems and Computers, 2009, 18, 1425-1439.	1.0	8

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73	Design and Development of a Forearm Rehabilitation System Based on an Augmented Reality Serious Game. Communications in Computer and Information Science, 2016, , 127-136.	0.4	8
74	An Innovative Neural Network Framework for Glomerulus Classification Based on Morphological and Texture Features Evaluated in Histological Images of Kidney Biopsy. Lecture Notes in Computer Science, 2019, , 727-738.	1.0	8
75	Assessment and Rating of Movement Impairment in Parkinson's Disease Using a Low-Cost Vision-Based System. Lecture Notes in Computer Science, 2018, , 777-788.	1.0	8
76	A neural network-based software to recognise blepharospasm symptoms and to measure eye closure time. Computers in Biology and Medicine, 2019, 112, 103376.	3.9	7
77	Comparative Analysis of Rhino-Cytological Specimens with Image Analysis and Deep Learning Techniques. Electronics (Switzerland), 2020, 9, 952.	1.8	7
78	A RGB-D Sensor Based Tool for Assessment and Rating of Movement Disorders. Advances in Intelligent Systems and Computing, 2018, , 110-118.	0.5	7
79	A Model-Free Computer-Assisted Handwriting Analysis Exploiting Optimal Topology ANNs on Biometric Signals in Parkinson's Disease Research. Lecture Notes in Computer Science, 2018, , 650-655.	1.0	7
80	Face Detection by Means of Skin Detection. Lecture Notes in Computer Science, 2008, , 1210-1220.	1.0	7
81	Evaluation of Vision-Based Hand Tool Tracking Methods for Quality Assessment and Training in Human-Centered Industry 4.0. Applied Sciences (Switzerland), 2022, 12, 1796.	1.3	7
82	Movement observation activates motor cortex in fibromyalgia patients: a fNIRS study. Scientific Reports, 2022, 12, 4707.	1.6	7
83	Pseudo 2D Hidden Markov Models for Face Recognition Using Neural Network Coefficients. , 2007, , .		6
84	A Deep Learning Approach for Hepatocellular Carcinoma Grading. International Journal of Computer Vision and Image Processing, 2017, 7, 1-18.	0.3	6
85	Proposal of a health care network based on big data analytics for PDs. Journal of Engineering, 2019, 2019, 4603-4611.	0.6	6
86	A Supervised Breast Lesion Images Classification from Tomosynthesis Technique. Lecture Notes in Computer Science, 2017, , 483-489.	1.0	6
87	A Novel Deep Learning Approach in Haematology for Classification of Leucocytes. Smart Innovation, Systems and Technologies, 2019, , 265-274.	0.5	6
88	A Robust Real-Time 3D Tracking Approach for Assisted Object Grasping. Lecture Notes in Computer Science, 2014, , 400-408.	1.0	6
89	Identification of glomerulosclerosis using IBM Watson and shallow neural networks. Journal of Nephrology, 2022, 35, 1235-1242.	0.9	6
90	Association of Neuroretinal Thinning and Microvascular Changes with Hypertension in an Older Population in Southern Italy. Journal of Clinical Medicine, 2022, 11, 1098.	1.0	6

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91	A Machine Learning and Radiomics Approach in Lung Cancer for Predicting Histological Subtype. Applied Sciences (Switzerland), 2022, 12, 5829.	1.3	6
92	Data mining techniques in a CGH-based breast cancer subtype profiling: an immune perspective with comparative study. BMC Systems Biology, 2007, 1, .	3.0	5
93	A P300 Clustering of Mild Cognitive Impairment Patients Stimulated in an Immersive Virtual Reality Scenario. Lecture Notes in Computer Science, 2015, , 226-236.	1.0	5
94	Optimizing Feed-Forward Neural Network Topology by Multi-objective Evolutionary Algorithms: A Comparative Study on Biomedical Datasets. Communications in Computer and Information Science, 2016, , 53-64.	0.4	5
95	Towards online myoelectric control based on muscle synergies-to-force mapping for robotic applications. Neurocomputing, 2021, 452, 768-778.	3.5	5
96	Depth-Awareness in a System for Mixed-Reality Aided Surgical Procedures. Lecture Notes in Computer Science, 2019, , 716-726.	1.0	5
97	A Comprehensive Approach for Physical Rehabilitation Assessment in Multiple Sclerosis Patients Based on Gait Analysis. Advances in Intelligent Systems and Computing, 2018, , 119-128.	0.5	5
98	Recognition and Severity Rating of Parkinson€™s Disease from Postural and Kinematic Features During Gait Analysis with Microsoft Kinect. Lecture Notes in Computer Science, 2018, , 613-618.	1.0	5
99	Image Processing Framework for Virtual Colonoscopy. Lecture Notes in Computer Science, 2009, , 965-974.	1.0	5
100	An Expert System for an Innovative Discrimination Tool of Commercial Table Grapes. Lecture Notes in Computer Science, 2012, , 95-102.	1.0	5
101	A Comprehensive Method for Assessing the Blepharospasm Cases Severity. Communications in Computer and Information Science, 2017, , 369-381.	0.4	5
102	Comparison of Data-Merging Methods with SVM Attribute Selection and Classification in Breast Cancer Gene Expression. Lecture Notes in Computer Science, 2012, , 498-507.	1.0	5
103	Synthesis of a Neural Network Classifier for Hepatocellular Carcinoma Grading Based on Triphasic CT Images. Communications in Computer and Information Science, 2017, , 356-368.	0.4	5
104	Fuzzy rule induction and artificial immune systems in female breast cancer familiarity profiling. International Journal of Hybrid Intelligent Systems, 2008, 5, 161-165.	0.9	4
105	3D NOSE FEATURE IDENTIFICATION AND LOCALIZATION THROUGH SELF-ORGANIZING MAP AND GRAPH MATCHING. Journal of Circuits, Systems and Computers, 2010, 19, 191-202.	1.0	4
106	Wearable rumble device for active asymmetry measurement and correction in lower limb mobility. , 2011, , .		4
107	Adaptive Bi-objective Genetic Programming for Data-Driven System Modeling. Lecture Notes in Computer Science, 2016, , 248-259.	1.0	4
108	Computer Assisted Detection of Breast Lesions in Magnetic Resonance Images. Lecture Notes in Computer Science, 2016, , 306-316.	1.0	4

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109	Influence of clinical features of the spine on Gait Analysis in adolescent with idiopathic scoliosis. , 2020, , .		4
110	Bioelectronic Technologies and Artificial Intelligence for Medical Diagnosis and Healthcare. Electronics (Switzerland), 2021, 10, 1242.	1.8	4
111	Evaluating Generalization Capability of Bio-inspired Models for a Myoelectric Control: A Pilot Study. Lecture Notes in Computer Science, 2019, , 739-750.	1.0	4
112	A Computational Approach to the Design of Scaffolds for Bone Tissue Engineering. Lecture Notes in Bioengineering, 2018, , 111-117.	0.3	4
113	Enabling Touch-Based Communication in Wearable Devices for People with Sensory and Multisensory Impairments. Advances in Intelligent Systems and Computing, 2018, , 149-159.	0.5	4
114	A neural network for glomerulus classification based on histological images of kidney biopsy. BMC Medical Informatics and Decision Making, 2021, 21, 300.	1.5	4
115	Induction of fuzzy rules with artificial immune systems in acgh based er status breast cancer characterization. , 2007, , .		3
116	Face Recognition by Observation-Sequence-Based Methods Based on Pseudo 2D HMM and Neural Networks. , 2007, , .		3
117	Identification of Tumor Evolution Patterns by Means of Inductive Logic Programming. Genomics, Proteomics and Bioinformatics, 2008, 6, 91-97.	3.0	3
118	A 3D virtual colonoscopy computer aided measurements: A new framework. , 2011, , .		3
119	An Evolutionary Optimization Method for Parameter Search in 3D Points Cloud Reconstruction. Lecture Notes in Computer Science, 2013, , 601-611.	1.0	3
120	EasyCluster2: an improved tool for clustering and assembling long transcriptome reads. BMC Bioinformatics, 2014, 15, S7.	1.2	3
121	Photogrammetric Meshes and 3D Points Cloud Reconstruction: A Genetic Algorithm Optimization Procedure. Communications in Computer and Information Science, 2017, , 65-76.	0.4	3
122	Predicting Text Legibility over Textured Digital Backgrounds for a Monocular Optical See-Through Display. Presence: Teleoperators and Virtual Environments, 2017, 26, 1-15.	0.3	3
123	Intelligent Neonatal Sepsis Early Diagnosis System for Very Low Birth Weight Infants. Applied Sciences (Switzerland), 2021, 11, 404.	1.3	3
124	Multi-class Tissue Classification in Colorectal Cancer with Handcrafted and Deep Features. Lecture Notes in Computer Science, 2021, , 512-525.	1.0	3
125	A Computer Aided Ophthalmic Diagnosis System Based on Tomographic Features. Lecture Notes in Computer Science, 2017, , 598-609.	1.0	3
126	Fuzzy Rule Induction and Artificial Immune Systems in Female Breast Cancer Familiarity Profiling. , 2007, , 830-837.		3

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127	A Multi-objective Genetic Algorithm Based Approach to the Optimization of Oligonucleotide Microarray Production Process. Lecture Notes in Computer Science, 2008, , 1039-1046.	1.0	3
128	Atlas-Based Segmentation of Organs at Risk in Radiotherapy in Head MRIs by Means of a Novel Active Contour Framework. Lecture Notes in Computer Science, 2010, , 350-359.	1.0	3
129	First Progresses in Evaluation of Resonance in Staff Selection through Speech Emotion Recognition. Lecture Notes in Computer Science, 2013, , 658-671.	1.0	3
130	Locomotion Mode Classification Based on Support Vector Machines and Hip Joint Angles: A Feasibility Study for Applications in Wearable Robotics. Springer Proceedings in Advanced Robotics, 2019, , 197-205.	0.9	3
131	A Nonlinear Autoencoder for Kinematic Synergy Extraction from Movement Data Acquired with HTC Vive Trackers. Smart Innovation, Systems and Technologies, 2021, , 231-241.	0.5	3
132	Video Saurus system: movement evaluation by a genetic algorithm. , 0, , .		2
133	A soft computing approach to the intelligent control. , 2006, , .		2
134	Induction of Fuzzy Rules by Means of Artificial Immune Systems in Bioinformatics. Studies in Fuzziness and Soft Computing, 2009, , 1-17.	0.6	2
135	Early diagnosis of lung tumors by genetically optimized 3D-metaball malignancy metric. , 2012, , .		2
136	A new tool for gestural action recognition to support decisions in emotional framework. , 2014, , .		2
137	Guest Editorial for Special Section on the 10th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 1-3.	1.9	2
138	Optimal Classifier of Parkinson's Disease based on features selected by Information Gain in 3D Gait Analysis for Differential Diagnosis. Gait and Posture, 2017, 57, 205-206.	0.6	2
139	Face Recognition, Musical Appraisal, and Emotional Crossmodal Bias. Frontiers in Behavioral Neuroscience, 2017, 11, 144.	1.0	2
140	Analysis of the Relationship Between Content and Interaction in the Usability Design of 360o Videos. Advances in Intelligent Systems and Computing, 2019, , 593-602.	0.5	2
141	Feasibility of a Non-immersive Virtual Reality Training on Functional Living Skills Applied to Person with Major Neurocognitive Disorder. Lecture Notes in Computer Science, 2019, , 692-703.	1.0	2
142	Neural Network Classification of Blood Vessels and Tubules Based on Haralick Features Evaluated in Histological Images of Kidney Biopsy. Lecture Notes in Computer Science, 2015, , 759-765.	1.0	2
143	Biomedical Text Mining Using a Grid Computing Approach. Lecture Notes in Computer Science, 2008, , 1077-1084.	1.0	2
144	3D Virtual Colonoscopy for Polyps Detection by Supervised Artificial Neural Networks. Lecture Notes in Computer Science, 2012, , 596-603.	1.0	2

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145	A Novel Approach to Clustering and Assembly of Large-Scale Roche 454 Transcriptome Data for Gene Validation and Alternative Splicing Analysis. Lecture Notes in Computer Science, 2012, , 641-648.	1.0	2
146	Asymmetry measurement for vibroactive correction in lower limbs mobility. Computer Science and Information Systems, 2013, 10, 1387-1406.	0.7	2
147	Artificial Immune Systems in Bioinformatics. Studies in Computational Intelligence, 2008, , 271-295.	0.7	2
148	Determining and Interpreting New Predictive Rules for Breast Cancer Familial Inheritance. OMICS A Journal of Integrative Biology, 2011, 15, 125-131.	1.0	1
149	Scalable high-throughput identification of genetic targets by network filtering. BMC Bioinformatics, 2013, 14, S5.	1.2	1
150	P0119ARTIFICIAL INTELLIGENCE IN RENAL PATHOLOGY: IBM WATSON FOR THE IDENTIFICATION OF GLOMERULOSCLEROSIS. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	1
151	Defects Identification in Textile by Means of Artificial Neural Networks. Lecture Notes in Computer Science, 2008, , 1166-1174.	1.0	1
152	Experimental Comparison among 3D Innovative Face Recognition Frameworks. Lecture Notes in Computer Science, 2009, , 1096-1105.	1.0	1
153	Clustering and Assembling Large Transcriptome Datasets by EasyCluster2. Communications in Computer and Information Science, 2013, , 231-236.	0.4	1
154	A Multi-modal Tool Suite for Parkinson's Disease Evaluation and Grading. Smart Innovation, Systems and Technologies, 2020, , 257-268.	0.5	1
155	A genetic algorithm approach to full beam configuration inverse planning in coplanar radiotherapy. , 0, , .		0
156	A Novel Tool for Assisted In-silico Cloning and Sequence Editing in Molecular Biology. Communications in Computer and Information Science, 2010, , 239-245.	0.4	0
157	3D measurements for tumours malignancies early diagnosis. , 2011, , .		0
158	A semantic expert system for the evolutionary design of synthetic gene networks. , 2014, , .		0
159	An innovative framework for rare neurodegenerative diseases analysis. , 2015, , .		0
160	A Multimodal System for Nonverbal Human Feature Recognition in Emotional Framework. , 2015, , .		0
161	19th biennial IPEG Meeting. Neuropsychiatric Electrophysiology, 2016, 2, .	4.1	0
162	Guest Editorial for Special Section on the 11th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 1104-1105.	1.9	0

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163	Analysis and optimization of the ^{13}C octanoic acid breath test. , 2017, , .		0
164	Artificial Neural Network Analysis and ERP in Intimate Partner Violence. Smart Innovation, Systems and Technologies, 2018, , 247-257.	0.5	0
165	Guest Editorial for Special Section on the 12th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1433-1435.	1.9	0
166	Design and Development of a Robotic Platform Based on Virtual Reality Scenarios and Wearable Sensors for Upper Limb Rehabilitation and Visuomotor Coordination. Lecture Notes in Computer Science, 2019, , 704-715.	1.0	0
167	Guest Editorial for Special Section on the 13th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 749-750.	1.9	0
168	Deep learning and generative adversarial networks in oral andÂmaxillofacial surgery. , 2021, , 55-82.		0
169	Guest Editorial for Special Section on the 15th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1730-1732.	1.9	0
170	High-Throughput Analysis of the Drug Mode of Action of PB28, MC18 and MC70, Three Cyclohexylpiperazine Derivative New Molecules. Lecture Notes in Computer Science, 2008, , 1085-1092.	1.0	0
171	New Tools for Expression Alternative Splicing Validation. Communications in Computer and Information Science, 2010, , 222-231.	0.4	0
172	Cooperative Inter-Municipal Waste Collection. , 2010, , 236-252.		0
173	A Semantic Search Framework for Document Retrievals (Literature, Art and History) Based on Thesaurus Multiwordnet Like. Lecture Notes in Computer Science, 2011, , 456-463.	1.0	0
174	Using Artificial Neural Networks for Closed Loop Control of a Hydraulic Prosthesis for a Human Elbow. Communications in Computer and Information Science, 2012, , 475-480.	0.4	0
175	A Multi-objective Genetic Optimization Technique for the Strategic Design of Distribution Networks. Lecture Notes in Computer Science, 2012, , 243-250.	1.0	0
176	Efficient Mode of Action Identification by Support Vector Machine Regression. Communications in Computer and Information Science, 2012, , 191-196.	0.4	0
177	Evolutionary Design of Synthetic Gene Networks by Means of a Semantic Expert System. Lecture Notes in Computer Science, 2014, , 157-163.	1.0	0
178	Bioelectrical Correlates of Emotional Changes Induced by Environmental Sound and Colour: From Virtual Reality to Real Life. Biosystems and Biorobotics, 2019, , 982-985.	0.2	0
179	A Deep Learning Approach for Hepatocellular Carcinoma Grading. , 2020, , 353-371.		0
180	Guest Editorial for Special Section on the 14th International Conference on Intelligent Computing (ICIC). IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 1474-1475.	1.9	0

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181	Mutual interaction between motor cortex activation and pain in fibromyalgia: EEG-fNIRS study. , 2020, 15, e0228158.		0
182	Mutual interaction between motor cortex activation and pain in fibromyalgia: EEG-fNIRS study. , 2020, 15, e0228158.		0
183	Mutual interaction between motor cortex activation and pain in fibromyalgia: EEG-fNIRS study. , 2020, 15, e0228158.		0
184	Mutual interaction between motor cortex activation and pain in fibromyalgia: EEG-fNIRS study. , 2020, 15, e0228158.		0