

# Manuel M Graña Romay

## List of Publications by Year in descending order

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340  
papers

4,894  
citations

136740

32  
h-index

138251

58  
g-index

359  
all docs

359  
docs citations

359  
times ranked

5599  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of multiple classifier systems as hybrid systems. <i>Information Fusion</i> , 2014, 16, 3-17.	11.7	778
2	Model-based analysis of multishell diffusion MR data for tractography: How to get over fitting problems. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1846-1855.	1.9	336
3	Predictive models for hospital readmission risk: A systematic review of methods. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 164, 49-64.	2.6	125
4	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020, 410, 237-270.	3.5	121
5	Computer Aided Diagnosis system for Alzheimer Disease using brain Diffusion Tensor Imaging features selected by Pearson's correlation. <i>Neuroscience Letters</i> , 2011, 502, 225-229.	1.0	111
6	Extreme learning machines for soybean classification in remote sensing hyperspectral images. <i>Neurocomputing</i> , 2014, 128, 207-216.	3.5	81
7	Gentle Introduction to Artificial Intelligence for High-School Students Using Scratch. <i>IEEE Access</i> , 2019, 7, 179027-179036.	2.6	78
8	Two lattice computing approaches for the unsupervised segmentation of hyperspectral images. <i>Neurocomputing</i> , 2009, 72, 2111-2120.	3.5	75
9	Computer aided diagnosis of schizophrenia on resting state fMRI data by ensembles of ELM. <i>Neural Networks</i> , 2015, 68, 23-33.	3.3	74
10	Evolutionary ELM wrapper feature selection for Alzheimer's disease CAD on anatomical brain MRI. <i>Neurocomputing</i> , 2014, 128, 73-80.	3.5	72
11	Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. <i>Human Brain Mapping</i> , 2015, 36, 577-590.	1.9	66
12	Editorial: New trends and applications on hybrid artificial intelligence systems. <i>Neurocomputing</i> , 2012, 75, 61-63.	3.5	65
13	Discrimination of Schizophrenia Auditory Hallucinators by Machine Learning of Resting-State Functional MRI. <i>International Journal of Neural Systems</i> , 2015, 25, 1550007.	3.2	61
14	A lattice computing approach to Alzheimer's disease computer assisted diagnosis based on MRI data. <i>Neurocomputing</i> , 2015, 150, 37-42.	3.5	54
15	Hybrid dendritic computing with kernel-LICA applied to Alzheimer's disease detection in MRI. <i>Neurocomputing</i> , 2012, 75, 72-77.	3.5	53
16	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. <i>Human Brain Mapping</i> , 2014, 35, 3819-3831.	1.9	53
17	Title is missing!. <i>Journal of Mathematical Imaging and Vision</i> , 2003, 19, 113-131.	0.8	50
18	Structural Integrity of the Contralesional Hemisphere Predicts Cognitive Impairment in Ischemic Stroke at Three Months. <i>PLoS ONE</i> , 2014, 9, e86119.	1.1	50

#	ARTICLE	IF	CITATIONS
19	Neurocognitive disorder detection based on feature vectors extracted from VBM analysis of structural MRI. Computers in Biology and Medicine, 2011, 41, 600-610.	3.9	48
20	FEEDBACK SYNCHRONIZATION OF CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 177-191.	0.7	44
21	Face recognition with lattice independent component analysis and extreme learning machines. Soft Computing, 2012, 16, 1525-1537.	2.1	43
22	Random forest active learning for AAA thrombus segmentation in computed tomography angiography images. Neurocomputing, 2014, 126, 71-77.	3.5	41
23	An endmember-based distance for content based hyperspectral image retrieval. Pattern Recognition, 2012, 45, 3472-3489.	5.1	40
24	Linked multi-component mobile robots: Modeling, simulation and control. Robotics and Autonomous Systems, 2010, 58, 1292-1305.	3.0	39
25	Discovering Alzheimer's disease and bipolar disorder white matter effects building computer aided diagnostic systems on brain diffusion tensor imaging features. Neuroscience Letters, 2012, 520, 71-76.	1.0	39
26	Real-time optical markerless tracking for augmented reality applications. Journal of Real-Time Image Processing, 2010, 5, 129-138.	2.2	38
27	Semantically enhanced network analysis for influencer identification in online social networks. Neurocomputing, 2019, 326-327, 71-81.	3.5	38
28	Above-ground biomass estimation from LiDAR data using random forest algorithms. Journal of Computational Science, 2022, 58, 101517.	1.5	38
29	A Two Stage Sequential Ensemble Applied to the Classification of Alzheimer's Disease Based on MRI Features. Neural Processing Letters, 2012, 35, 1-12.	2.0	34
30	A Survey of Big Data Issues in Electronic Health Record Analysis. Applied Artificial Intelligence, 2016, 30, 497-520.	2.0	34
31	Lattice independent component analysis for functional magnetic resonance imaging. Information Sciences, 2011, 181, 1910-1928.	4.0	33
32	Spatially regularized semisupervised Ensembles of Extreme Learning Machines for hyperspectral image segmentation. Neurocomputing, 2015, 149, 373-386.	3.5	33
33	Deformation based feature selection for Computer Aided Diagnosis of Alzheimer's Disease. Expert Systems With Applications, 2013, 40, 1619-1628.	4.4	32
34	A brief review of lattice computing. , 2008, , .		30
35	USING SET OF EXPERIENCE KNOWLEDGE STRUCTURE TO EXTEND A RULE SET OF CLINICAL DECISION SUPPORT SYSTEM FOR ALZHEIMER'S DISEASE DIAGNOSIS. Cybernetics and Systems, 2012, 43, 81-95.	1.6	30
36	Hybrid extreme rotation forest. Neural Networks, 2014, 52, 33-42.	3.3	30

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37	Classification Results of Artificial Neural Networks for Alzheimer's Disease Detection. Lecture Notes in Computer Science, 2009, , 641-648.	1.0	30
38	Hierarchically structured systems. European Journal of Operational Research, 1986, 25, 20-26.	3.5	29
39	Cost of synchronizing different chaotic systems. Mathematics and Computers in Simulation, 2002, 58, 309-327.	2.4	29
40	Variable speed wind turbine controller adaptation by reinforcement learning. Integrated Computer-Aided Engineering, 2016, 24, 27-39.	2.5	29
41	Discrimination between Alzheimer's Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. Frontiers in Aging Neuroscience, 2015, 7, 231.	1.7	28
42	Extreme Learning Machines for Feature Selection and Classification of Cocaine Dependent Patients on Structural MRI Data. Neural Processing Letters, 2013, 38, 375-387.	2.0	27
43	Quasi-stationary state transportation of a hose with quadrotors. Robotics and Autonomous Systems, 2015, 63, 187-194.	3.0	27
44	An active learning approach for stroke lesion segmentation on multimodal MRI data. Neurocomputing, 2015, 150, 26-36.	3.5	26
45	Impact of Machine Learning Pipeline Choices in Autism Prediction From Functional Connectivity Data. International Journal of Neural Systems, 2021, 31, 2150009.	3.2	26
46	A lattice computing approach for on-line fMRI analysis. Image and Vision Computing, 2010, 28, 1155-1161.	2.7	25
47	Bridging challenges of clinical decision support systems with a semantic approach. A case study on breast cancer. Pattern Recognition Letters, 2013, 34, 1758-1768.	2.6	25
48	Energy demands of diverse spiking cells from the neocortex, hippocampus, and thalamus. Frontiers in Computational Neuroscience, 2014, 8, 41.	1.2	24
49	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. Neurocomputing, 2015, 164, 154-161.	3.5	24
50	Reputation features for trust prediction in social networks. Neurocomputing, 2015, 166, 1-7.	3.5	24
51	Computer-assisted enhanced volumetric segmentation magnetic resonance imaging data using a mixture of artificial neural networks. Magnetic Resonance Imaging, 2003, 21, 901-912.	1.0	23
52	A Spectral/Spatial CBIR System for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 488-500.	2.3	23
53	Reinforcement learning of ball screw feed drive controllers. Engineering Applications of Artificial Intelligence, 2014, 30, 107-117.	4.3	23
54	Hyperspectral image nonlinear unmixing and reconstruction by ELM regression ensemble. Neurocomputing, 2016, 174, 299-309.	3.5	22

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55	Machine Learning Readmission Risk Modeling: A Pediatric Case Study. BioMed Research International, 2019, 2019, 1-9.	0.9	22
56	An analysis of the GLVQ algorithm. IEEE Transactions on Neural Networks, 1995, 6, 1012-1016.	4.8	21
57	Resting State Effective Connectivity Allows Auditory Hallucination Discrimination. International Journal of Neural Systems, 2017, 27, 1750019.	3.2	21
58	Endmember Extraction Methods: A Short Review. Lecture Notes in Computer Science, 2008, , 400-407.	1.0	21
59	Image Understanding Applications of Lattice Autoassociative Memories. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1920-1932.	7.2	20
60	A Panoramic Survey on Grasping Research Trends and Topics. Cybernetics and Systems, 2019, 50, 40-57.	1.6	20
61	On the Use of Morphometry Based Features for Alzheimer's Disease Detection on MRI. Lecture Notes in Computer Science, 2009, , 957-964.	1.0	19
62	Image segmentation on spherical coordinate representation of RGB colour space. IET Image Processing, 2012, 6, 1275-1283.	1.4	19
63	Knowledge management in image-based analysis of blood vessel structures. Knowledge and Information Systems, 2012, 30, 457-491.	2.1	19
64	Transfer learning with Partially Constrained Models: Application to reinforcement learning of linked multicomponent robot system control. Robotics and Autonomous Systems, 2013, 61, 694-703.	3.0	19
65	Brain MRI morphological patterns extraction tool based on Extreme Learning Machine and majority vote classification. Neurocomputing, 2016, 174, 344-351.	3.5	19
66	A parametric gradient descent MRI intensity inhomogeneity correction algorithm. Pattern Recognition Letters, 2007, 28, 1657-1666.	2.6	18
67	The Kosko Subsethood Fuzzy Associative Memory (KS-FAM): Mathematical Background and Applications in Computer Vision. Journal of Mathematical Imaging and Vision, 2012, 42, 134-149.	0.8	18
68	Radiomics and Texture Analysis in Laryngeal Cancer. Looking for New Frontiers in Precision Medicine through Imaging Analysis. Cancers, 2019, 11, 1409.	1.7	18
69	Morphological neural networks and vision based simultaneous localization and mapping. Integrated Computer-Aided Engineering, 2007, 14, 355-363.	2.5	17
70	Experiments of conditioned reinforcement learning in continuous space control tasks. Neurocomputing, 2018, 271, 38-47.	3.5	17
71	An Automatic Segmentation and Reconstruction of Mandibular Structures from CT-Data. Lecture Notes in Computer Science, 2009, , 649-655.	1.0	17
72	The high-order Boltzmann machine: learned distribution and topology. IEEE Transactions on Neural Networks, 1995, 6, 767-770.	4.8	16

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73	Arm Orthosis/Prosthesis Movement Control Based on Surface EMG Signal Extraction. International Journal of Neural Systems, 2015, 25, 1550009.	3.2	16
74	White Matter Tract Integrity in Alzheimer's Disease vs. Late Onset Bipolar Disorder and Its Correlation with Systemic Inflammation and Oxidative Stress Biomarkers. Frontiers in Aging Neuroscience, 2017, 9, 179.	1.7	16
75	On the application of Associative Morphological Memories to Hyperspectral Image Analysis. Lecture Notes in Computer Science, 2003, , 567-574.	1.0	16
76	Monitoring acute inflammatory processes in mouse muscle by MR imaging and spectroscopy: a comparison with pathological results. NMR in Biomedicine, 2002, 15, 204-214.	1.6	15
77	Detection of type II endoleaks in abdominal aortic aneurysms after endovascular repair. Computers in Biology and Medicine, 2011, 41, 871-880.	3.9	15
78	STATE-ACTION VALUE FUNCTION MODELED BY ELM IN REINFORCEMENT LEARNING FOR HOSE CONTROL PROBLEMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2013, 21, 99-116.	0.9	15
79	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. PLoS ONE, 2015, 10, e0127129.	1.1	15
80	Risk Factors for Emergency Department Short Time Readmission in Stratified Population. BioMed Research International, 2015, 2015, 1-7.	0.9	15
81	Experiments of Trust Prediction in Social Networks by Artificial Neural Networks. Cybernetics and Systems, 2015, 46, 19-34.	1.6	15
82	Balanced training of a hybrid ensemble method for imbalanced datasets: a case of emergency department readmission prediction. Neural Computing and Applications, 2020, 32, 5735-5744.	3.2	15
83	IMPROVING THE CONTROL OF SINGLE ROBOT HOSE TRANSPORT. Cybernetics and Systems, 2012, 43, 261-275.	1.6	14
84	Abdominal CTA image analysis through active learning and decision random forests: Application to AAA segmentation. , 2012, , .		14
85	Lattice independent component analysis feature selection on diffusion weighted imaging for Alzheimer's disease classification. Neurocomputing, 2013, 114, 132-141.	3.5	14
86	Solving satisfiability via Boltzmann machines. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1993, 15, 514-521.	9.7	13
87	A single individual evolutionary strategy for endmember search in hyperspectral images. Information Sciences, 2004, 161, 181-197.	4.0	13
88	Online fuzzy modulated adaptive PD control for cooperative aerial transportation of deformable linear objects. Integrated Computer-Aided Engineering, 2016, 24, 41-55.	2.5	13
89	Prevention of diabetes in overweight/obese children through a family based intervention program including supervised exercise (PREDIKID project): study protocol for a randomized controlled trial. Trials, 2017, 18, 372.	0.7	13
90	On Content-Based Image Retrieval Systems for Hyperspectral Remote Sensing Images. Studies in Computational Intelligence, 2008, , 125-144.	0.7	13

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91	Actor-critic continuous state reinforcement learning for wind-turbine control robust optimization. Information Sciences, 2022, 591, 365-380.	4.0	13
92	Title is missing!. Neural Processing Letters, 1997, 6, 77-89.	2.0	12
93	A Pruning Algorithm for Stable Voronoi Skeletons. Journal of Mathematical Imaging and Vision, 2012, 42, 225-237.	0.8	12
94	Undesired state-action prediction in multi-agent reinforcement learning for linked multi-component robotic system control. Information Sciences, 2013, 232, 309-324.	4.0	12
95	Lynx: Automatic Elderly Behavior Prediction in Home Telecare. BioMed Research International, 2015, 2015, 1-18.	0.9	12
96	Reinforcement Learning endowed with safe veto policies to learn the control of Linked-Multicomponent Robotic Systems. Information Sciences, 2015, 317, 25-47.	4.0	12
97	Electronic Health Record: A review. , 2015, , .		12
98	Particle Swarm Optimization Quadrotor Control for Cooperative Aerial Transportation of Deformable Linear Objects. Cybernetics and Systems, 2016, 47, 4-16.	1.6	12
99	Generative Adversarial Networks to Improve the Robustness of Visual Defect Segmentation by Semantic Networks in Manufacturing Components. Applied Sciences (Switzerland), 2021, 11, 6368.	1.3	12
100	Neuro-evolutionary mobile robot egomotion estimation with a 3D ToF camera. Neural Computing and Applications, 2011, 20, 345-354.	3.2	11
101	Lattice computing in hybrid intelligent systems. , 2012, , .		11
102	Decisional DNA for modeling and reuse of experiential clinical assessments in breast cancer diagnosis and treatment. Neurocomputing, 2014, 146, 308-318.	3.5	11
103	Using Anticipative Hybrid Extreme Rotation Forest to predict emergency service readmission risk. Journal of Computational Science, 2017, 20, 154-161.	1.5	11
104	Improved Activity Recognition Combining Inertial Motion Sensors and Electroencephalogram Signals. International Journal of Neural Systems, 2020, 30, 2050053.	3.2	11
105	A Hybrid Control Approach for the Swing Free Transportation of a Double Pendulum with a Quadrotor. Applied Sciences (Switzerland), 2021, 11, 5487.	1.3	11
106	Experiments of Fast Learning with High Order Boltzmann Machines. Applied Intelligence, 1997, 7, 287-303.	3.3	10
107	An adaptive field rule for non-parametric MRI intensity inhomogeneity estimation algorithm. Neurocomputing, 2009, 72, 3556-3569.	3.5	10
108	Recycled paper visual indexing for quality control. Expert Systems With Applications, 2009, 36, 8807-8815.	4.4	10

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109	Data fusion for high spatial resolution LAI estimation. Information Fusion, 2014, 16, 59-67.	11.7	10
110	Prediction of Aboveground Biomass from Low-Density LiDAR Data: Validation over P. radiata Data from a Region North of Spain. Forests, 2019, 10, 819.	0.9	10
111	Behavioral Activity Recognition Based on Gaze Ethograms. International Journal of Neural Systems, 2020, 30, 2050025.	3.2	10
112	Segmentation of Abdominal Aortic Aneurysms in CT Images Using a Radial Model Approach. Lecture Notes in Computer Science, 2009, , 664-671.	1.0	9
113	Pruning algorithm for Voronoi skeletons. Electronics Letters, 2010, 46, 39.	0.5	9
114	IMPACT OF REFLEXIVE ONTOLOGIES IN SEMANTIC CLINICAL DECISION SUPPORT SYSTEMS. Cybernetics and Systems, 2013, 44, 187-203.	1.6	9
115	Eigenanatomy on Fractional Anisotropy Imaging Provides White Matter Anatomical Features Discriminating Between Alzheimer's Disease and Late Onset Bipolar Disorder. Current Alzheimer Research, 2016, 13, 557-565.	0.7	9
116	Standard and fenestrated endograft sizing in EVAR planning: Description and validation of a semi-automated 3D software. Computerized Medical Imaging and Graphics, 2016, 50, 9-23.	3.5	9
117	Robust labeling of human motion markers in the presence of occlusions. Neurocomputing, 2019, 353, 96-105.	3.5	9
118	Machine Learning Models for Predicting Facial Nerve Palsy in Parotid Gland Surgery for Benign Tumors. Journal of Surgical Research, 2021, 262, 57-64.	0.8	9
119	Hybrid Decision Support System for Endovascular Aortic Aneurysm Repair Follow-Up. Lecture Notes in Computer Science, 2010, , 500-507.	1.0	9
120	An empirical evaluation of Gravitational Swarm Intelligence for graph coloring algorithm. Neurocomputing, 2014, 132, 79-84.	3.5	8
121	Pypes: Workflows for Processing Multimodal Neuroimaging Data. Frontiers in Neuroinformatics, 2017, 11, 25.	1.3	8
122	Neural and statistical predictors for time to readmission in emergency departments: A case study. Neurocomputing, 2019, 354, 3-9.	3.5	8
123	Combining Geostatistics and Remote Sensing Data to Improve Spatiotemporal Analysis of Precipitation. Sensors, 2021, 21, 3132.	2.1	8
124	Robust Control Tuning by PSO of Aerial Robots Hose Transportation. Lecture Notes in Computer Science, 2015, , 291-300.	1.0	8
125	Endmember induction by lattice associative memories and multi-objective genetic algorithms. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.0	7
126	Predicting Patient Hospitalization after Emergency Readmission. Cybernetics and Systems, 2017, 48, 182-192.	1.6	7



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127	On Endmember Detection in Hyperspectral Images with Morphological Associative Memories. Lecture Notes in Computer Science, 2002, , 526-535.	1.0	7
128	Convex Coordinates From Lattice Independent Sets for Visual Pattern Recognition. , 2007, , 101-128.		7
129	Photometric Stereo-Based Defect Detection System for Steel Components Manufacturing Using a Deep Segmentation Network. Sensors, 2022, 22, 882.	2.1	7
130	Deep transfer learning-based gaze tracking for behavioral activity recognition. Neurocomputing, 2022, 500, 518-527.	3.5	7
131	Convergence Properties of High-order Boltzmann Machines. Neural Networks, 1996, 9, 1561-1567.	3.3	6
132	Nonzero error synchronization of chaotic systems via dynamic coupling. Physica D: Nonlinear Phenomena, 2003, 177, 39-49.	1.3	6
133	Domain Modeling Based on Engineering Standards. Lecture Notes in Computer Science, 2009, , 95-102.	1.0	6
134	An Architecture for the Semantic Enhancement of Clinical Decision Support Systems. Lecture Notes in Computer Science, 2011, , 611-620.	1.0	6
135	BUILDING DOMAIN ONTOLOGIES FROM ENGINEERING STANDARDS. Cybernetics and Systems, 2012, 43, 114-126.	1.6	6
136	Image Security and Biometrics: A Review. Lecture Notes in Computer Science, 2012, , 436-447.	1.0	6
137	Fusion of lattice independent and linear features improving face identification. Neurocomputing, 2013, 114, 80-85.	3.5	6
138	SWARM GRAPH COLORING FOR THE IDENTIFICATION OF USER GROUPS ON ERP LOGS. Cybernetics and Systems, 2013, 44, 489-504.	1.6	6
139	Classification of schizophrenia patients on lattice computing resting-state fMRI features. Neurocomputing, 2015, 151, 151-160.	3.5	6
140	Training Multiagent Systems by Qâ€Learning: Approaches and Empirical Results. Computational Intelligence, 2015, 31, 498-512.	2.1	6
141	Predicting 30-Day Emergency Readmission Risk. Advances in Intelligent Systems and Computing, 2017, , 3-12.	0.5	6
142	A novel methodology for clinical semantic annotations assessment. Logic Journal of the IGPL, 0, , .	1.3	6
143	Setting up standards: A methodological proposal for pediatric Triage machine learning model construction based on clinical outcomes. Expert Systems With Applications, 2019, 138, 112788.	4.4	6
144	Modelling hospital readmissions under frailty conditions for healthy aging. Expert Systems, 2020, 37, e12437.	2.9	6

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145	Further Results on Swarms Solving Graph Coloring. Lecture Notes in Computer Science, 2010, , 541-551.	1.0	6
146	A probabilistic hit-and-miss transform for face localization. Pattern Analysis and Applications, 2004, 7, 117-127.	3.1	5
147	EMOTION RECOGNITION BASED ON THE ANALYSIS OF FACIAL EXPRESIONS: A SURVEY. New Mathematics and Natural Computation, 2009, 05, 513-534.	0.4	5
148	An image color gradient preserving color constancy. , 2010, , .		5
149	Lattice independent component analysis for appearance-based mobile robot localization. Neural Computing and Applications, 2012, 21, 1031-1042.	3.2	5
150	Lattice auto-associative memories induced supervised ordering defining a multivariate morphology on hyperspectral data. , 2012, , .		5
151	A morphological cellular automata based on morphological independence. Logic Journal of the IGPL, 2012, 20, 617-624.	1.3	5
152	Instances of subconscious social intelligent computing. , 2013, , .		5
153	CURRENT RESEARCH ADVANCES AND IMPLEMENTATIONS IN SMART KNOWLEDGE-BASED SYSTEMS: PART I. Cybernetics and Systems, 2013, 44, 95-97.	1.6	5
154	A Domestic Application of Intelligent Social Computing: The SandS Project. Advances in Intelligent Systems and Computing, 2014, , 221-228.	0.5	5
155	An experiment of subconscious intelligent social computing on household appliances. Neurocomputing, 2015, 167, 32-43.	3.5	5
156	Automated Annotation of Lane Markings Using LIDAR and Odometry. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3115-3125.	4.7	5
157	Safe and optimal navigation for autonomous multi-rotor aerial vehicle in a dynamic known environment by a decomposition-coordination method. Cognitive Systems Research, 2020, 63, 42-54.	1.9	5
158	Risk factors for prediction of delirium at hospital admittance. Expert Systems, 2022, 39, e12698.	2.9	5
159	Active learning for road lane landmark inventory with V-ELM in highly uncontrolled image capture conditions. Neurocomputing, 2021, 438, 259-269.	3.5	5
160	A Stable Skeletonization for Tabletop Gesture Recognition. Lecture Notes in Computer Science, 2010, , 610-621.	1.0	5
161	Thrombus Volume Change Visualization after Endovascular Abdominal Aortic Aneurysm Repair. Lecture Notes in Computer Science, 2010, , 524-531.	1.0	5
162	Deformation Based Features for Alzheimerâ€™s Disease Detection with Linear SVM. Lecture Notes in Computer Science, 2011, , 336-343.	1.0	5

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163	A Neural Network Approximation of L-MCRS Dynamics for Reinforcement Learning Experiments. Lecture Notes in Computer Science, 2013, , 317-325.	1.0	5
164	An Ensemble of Classifiers Guided by the AAL Brain Atlas for Alzheimer's Disease Detection. Lecture Notes in Computer Science, 2013, , 107-114.	1.0	5
165	A Discussion on Trust Requirements for a Social Network of Eahoukers. Lecture Notes in Computer Science, 2013, , 540-547.	1.0	5
166	Towards Concurrent Q-Learning on Linked Multi-Component Robotic Systems. Lecture Notes in Computer Science, 2011, , 463-470.	1.0	5
167	Model Reduction in Emulsion Polymerization Using Hybrid First Principles/Artificial Neural Networks Models, 2. Macromolecular Theory and Simulations, 2005, 14, 125-132.	0.6	4
168	Hybrid multivariate morphology using lattice auto-associative memories for resting-state fMRI network discovery. , 2012, , .		4
169	Further results on dissimilarity spaces for hyperspectral images RF-CBIR. Pattern Recognition Letters, 2013, 34, 1659-1668.	2.6	4
170	Applications of Hybrid Extreme Rotation Forests for image segmentation. International Journal of Hybrid Intelligent Systems, 2013, 11, 13-24.	0.9	4
171	Extended Reflexive Ontologies for the Generation of Clinical Recommendations. Cybernetics and Systems, 2015, 46, 4-18.	1.6	4
172	Anticipative Hybrid Extreme Rotation Forest. Procedia Computer Science, 2016, 80, 1671-1681.	1.2	4
173	Estimation of forest biomass from light detection and ranging data by using machine learning. Expert Systems, 2019, 36, e12399.	2.9	4
174	Indoor Crowd 3D Localization in Big Buildings from Wi-Fi Access Anonymous Data. Sensors, 2019, 19, 4211.	2.1	4
175	Triage prediction in pediatric patients with respiratory problems. Neurocomputing, 2019, 326-327, 161-167.	3.5	4
176	Dynamic Causal Modeling and machine learning for effective connectivity in Auditory Hallucination. Neurocomputing, 2019, 326-327, 61-68.	3.5	4
177	Random Forest Active Learning for Retinal Image Segmentation. Advances in Intelligent Systems and Computing, 2016, , 213-221.	0.5	4
178	Improved Control of DLO Transportation by a Team of Quadrotors. Lecture Notes in Computer Science, 2017, , 117-126.	1.0	4
179	A Hybrid Intelligent System for Robot Ego Motion Estimation with a 3D Camera. Lecture Notes in Computer Science, 2008, , 657-664.	1.0	4
180	Concurrent Modular Q-Learning with Local Rewards on Linked Multi-Component Robotic Systems. Lecture Notes in Computer Science, 2011, , 148-155.	1.0	4

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181	A Novel Lattice Associative Memory Based on Dendritic Computing. Lecture Notes in Computer Science, 2012, , 491-502.	1.0	4
182	Meta-ensembles of Classifiers for Alzheimer's Disease Detection Using Independent ROI Features. Lecture Notes in Computer Science, 2013, , 122-130.	1.0	4
183	Results on a Lattice Computing Based Group Analysis of Schizophrenic Patients on Resting State fMRI. Lecture Notes in Computer Science, 2013, , 131-139.	1.0	4
184	Ongoing Work on Deep Learning for Lung Cancer Prediction. Lecture Notes in Computer Science, 2017, , 42-48.	1.0	4
185	User expectations for the intelligent blackboard. Displays, 1997, 17, 143-146.	2.0	3
186	Face localization based on the morphological multiscale fingerprints. Pattern Recognition Letters, 2001, 22, 359-371.	2.6	3
187	Face Processing for Security: A Short Review. Advances in Intelligent and Soft Computing, 2010, , 89-96.	0.2	3
188	AN EMPIRICAL EVALUATION OF INTEREST POINT DETECTORS. Cybernetics and Systems, 2013, 44, 98-117.	1.6	3
189	A novel hyperspectral segmentation algorithm—concept and evaluation. Logic Journal of the IGPL, 2015, 23, 105-120.	1.3	3
190	A new heuristic for influence maximization in social networks. Logic Journal of the IGPL, 2016, 24, 996-1014.	1.3	3
191	Intelligent Methods Applied to Health-Care Information Systems. Applied Artificial Intelligence, 2016, 30, 495-496.	2.0	3
192	Integrating Electronic Health Records in Clinical Decision Support Systems. Smart Innovation, Systems and Technologies, 2016, , 407-416.	0.5	3
193	Paired feature multilayer ensemble " concept and evaluation of a classifier. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1427-1436.	0.8	3
194	Making physical proofs of concept of reinforcement learning control in single robot hose transport task complete. Neurocomputing, 2018, 271, 95-103.	3.5	3
195	A Short Review of Some Aspects of Computational Neuroethology. Lecture Notes in Computer Science, 2019, , 275-283.	1.0	3
196	Deep Learning Prediction of Gait Based on Inertial Measurements. Lecture Notes in Computer Science, 2019, , 284-290.	1.0	3
197	Optical Dual Laser Based Sensor Denoising for Online Metal Sheet Flatness Measurement Using Hermite Interpolation. Sensors, 2020, 20, 5441.	2.1	3
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