

# Manuel M Graa Romay

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

331 papers	3,581 citations	28 h-index	50 g-index
359 ext. papers	4,278 ext. citations	2.7 avg, IF	5.88 L-index

#	Paper	IF	Citations
331	Actor-critic continuous state reinforcement learning for wind-turbine control robust optimization. <i>Information Sciences</i> , <b>2022</b> , 591, 365-380	7.7	1
330	Survival of Frail Elderly with Delirium.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
329	Hybrid Modeling of Deformable Linear Objects for Their Cooperative Transportation by Teams of Quadrotors. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5253	2.6	
328	ADITU: A mesh-free formulation for the solution of Helmholtz equation in bounded and unbounded domains. <i>SoftwareX</i> , <b>2022</b> , 19, 101111	2.7	
327	Deep transfer learning-based gaze tracking for behavioral activity recognition. <i>Neurocomputing</i> , <b>2022</b> , 500, 518-527	5.4	1
326	Above-ground Biomass Estimation from LiDAR data using Random Forest algorithms. <i>Journal of Computational Science</i> , <b>2021</b> , 58, 101517	3.4	3
325	Expansion of an Evidence-Based Workshop for Teaching of Artificial Intelligence in Schools. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 331-337	0.4	
324	Combining Geostatistics and Remote Sensing Data to Improve Spatiotemporal Analysis of Precipitation. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
323	Active learning for road lane landmark inventory with V-ELM in highly uncontrolled image capture conditions. <i>Neurocomputing</i> , <b>2021</b> , 438, 259-269	5.4	2
322	A Hybrid Control Approach for the Swing Free Transportation of a Double Pendulum with a Quadrotor. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5487	2.6	3
321	Machine Learning Models for Predicting Facial Nerve Palsy in Parotid Gland Surgery for Benign Tumors. <i>Journal of Surgical Research</i> , <b>2021</b> , 262, 57-64	2.5	2
320	Generative Adversarial Networks to Improve the Robustness of Visual Defect Segmentation by Semantic Networks in Manufacturing Components. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 6368	2.6	2
319	Impact of Machine Learning Pipeline Choices in Autism Prediction From Functional Connectivity Data. <i>International Journal of Neural Systems</i> , <b>2021</b> , 31, 2150009	6.2	8
318	An Imaging and Blood Biomarkers Open Dataset on Alzheimer's Disease vs. Late Onset Bipolar Disorder. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 583212	5.3	
317	Safe and optimal navigation for autonomous multi-rotor aerial vehicle in a dynamic known environment by a decomposition-coordination method. <i>Cognitive Systems Research</i> , <b>2020</b> , 63, 42-54	4.8	3
316	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , <b>2020</b> , 410, 237-270	5.4	67
315	Lattice Auto-Associative Memories Induced Multivariate Morphology for Hyperspectral Image Spectral-Spatial Classification. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 316-325	0.4	

314	Comparison of Labeling Methods for Behavioral Activity Classification Based on Gaze Ethograms. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 132-144	0.9	
313	Experience Based Clinical Decision Support Systems: An Overview and Case Studies. <i>Intelligent Systems Reference Library</i> , <b>2020</b> , 151-188	0.8	
312	Exploratory Analysis of Radiomics Features on a Head and Neck Cancer Public Dataset. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 718-728	0.9	
311	Optical Dual Laser Based Sensor Denoising for Online Metal Sheet Flatness Measurement Using Hermite Interpolation. <i>Sensors</i> , <b>2020</b> , 20,	3.8	1
310	Methodologically grounded semantic analysis of large volume of chilean medical literature data applied to the analysis of medical research funding efficiency in Chile. <i>Journal of Biomedical Semantics</i> , <b>2020</b> , 11, 12	2.2	2
309	Behavioral Activity Recognition Based on Gaze Ethograms. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050025	6.2	4
308	Improved Activity Recognition Combining Inertial Motion Sensors and Electroencephalogram Signals. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050053	6.2	4
307	Automated Annotation of Lane Markings Using LIDAR and Odometry. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-11	6.1	1
306	Balanced training of a hybrid ensemble method for imbalanced datasets: a case of emergency department readmission prediction. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 5735-5744	4.8	7
305	Neural Model of a Specific Single Proton Exchange Membrane PEM Fuel Cell. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 321-329	0.4	
304	Modelling hospital readmissions under frailty conditions for healthy aging. <i>Expert Systems</i> , <b>2020</b> , 37, e12437	2.1	3
303	Radiomics and Texture Analysis in Laryngeal Cancer. Looking for New Frontiers in Precision Medicine through Imaging Analysis. <i>Cancers</i> , <b>2019</b> , 11,	6.6	10
302	Fusion of Inertial Motion Sensors and Electroencephalogram for Activity Detection. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 319-326	0.9	2
301	A Short Review of Some Aspects of Computational Neuroethology. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 275-283	0.9	3
300	Deep Learning Prediction of Gait Based on Inertial Measurements. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 284-290	0.9	2
299	Neural and statistical predictors for time to readmission in emergency departments: A case study. <i>Neurocomputing</i> , <b>2019</b> , 354, 3-9	5.4	5
298	Machine Learning Readmission Risk Modeling: A Pediatric Case Study. <i>BioMed Research International</i> , <b>2019</b> , 2019, 8532892	3	13
297	Estimation of forest biomass from light detection and ranging data by using machine learning. <i>Expert Systems</i> , <b>2019</b> , 36, e12399	2.1	

296	Robust labeling of human motion markers in the presence of occlusions. <i>Neurocomputing</i> , <b>2019</b> , 353, 96-105	5.4	6
295	Setting up standards: A methodological proposal for pediatric Triage machine learning model construction based on clinical outcomes. <i>Expert Systems With Applications</i> , <b>2019</b> , 138, 112788	7.8	2
294	Prediction of Aboveground Biomass from Low-Density LiDAR Data: Validation over <i>P. radiata</i> Data from a Region North of Spain. <i>Forests</i> , <b>2019</b> , 10, 819	2.8	7
293	Road Lane Landmark Extraction: A State-of-the-art Review. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 625-635	0.9	1
292	Testing Modified Confusion Entropy as Split Criterion for Decision Trees. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 3-13	0.9	
291	BIOTINGS: A Pipeline Creation Tool for PAR-CLIP Sequence Analysys. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 327-336	0.9	
290	Reinforcement Learning Experiments Running Efficiently over Widly Heterogeneous Computer Farms. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 758-769	0.9	
289	Recognizing Cognitive Activities Through Eye Tracking. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 291-300	0.9	2
288	An Approach to Teach Nao Dialogue Skills. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 301-308	0.9	2
287	Indoor Crowd 3D Localization in Big Buildings from Wi-Fi Access Anonymous Data. <i>Sensors</i> , <b>2019</b> , 19,	3.8	2
286	Gentle Introduction to Artificial Intelligence for High-School Students Using Scratch. <i>IEEE Access</i> , <b>2019</b> , 7, 179027-179036	3.5	24
285	A Panoramic Survey on Grasping Research Trends and Topics. <i>Cybernetics and Systems</i> , <b>2019</b> , 50, 40-57	1.9	13
284	Semantically enhanced network analysis for influencer identification in online social networks. <i>Neurocomputing</i> , <b>2019</b> , 326-327, 71-81	5.4	20
283	Triage prediction in pediatric patients with respiratory problems. <i>Neurocomputing</i> , <b>2019</b> , 326-327, 161-167	5.4	3
282	Dynamic Causal Modeling and machine learning for effective connectivity in Auditory Hallucination. <i>Neurocomputing</i> , <b>2019</b> , 326-327, 61-68	5.4	1
281	Experiments of conditioned reinforcement learning in continuous space control tasks. <i>Neurocomputing</i> , <b>2018</b> , 271, 38-47	5.4	13
280	Making physical proofs of concept of reinforcement learning control in single robot hose transport task complete. <i>Neurocomputing</i> , <b>2018</b> , 271, 95-103	5.4	3
279	A View of the State of the Art of Dialogue Systems. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 706-715	0.9	1

278	Electrical Behavior Modeling of Solar Panels Using Extreme Learning Machines. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 730-740	0.9	1
277	A 2D/3D Convolutional Neural Network for Brain White Matter Lesion Detection in Multimodal MRI. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 377-385	0.4	2
276	Automated Segmentation of Visceral Adiposity in MRI in Obese Children. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 386-392	0.4	
275	An Ensemble of Weak Classifiers for Pattern Recognition in Motion Capture Clouds of Points. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 201-210	0.4	
274	A novel methodology for clinical semantic annotations assessment. <i>Logic Journal of the IGPL</i> , <b>2018</b> ,	1	5
273	A Short Review of Recent ELM Applications. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 3-12	0.3	
272	Predictive models for hospital readmission risk: A systematic review of methods. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 164, 49-64	6.9	66
271	Paired feature multilayer ensemble concept and evaluation of a classifier. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 32, 1427-1436	1.6	1
270	Resting State Effective Connectivity Allows Auditory Hallucination Discrimination. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750019	6.2	17
269	Using Anticipative Hybrid Extreme Rotation Forest to predict emergency service readmission risk. <i>Journal of Computational Science</i> , <b>2017</b> , 20, 154-161	3.4	8
268	Predicting Patient Hospitalization after Emergency Readmission. <i>Cybernetics and Systems</i> , <b>2017</b> , 48, 182-192	1.9	6
267	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. <i>Trials</i> , <b>2017</b> , 18, 372	2.8	8
266	Predicting 30-Day Emergency Readmission Risk. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 3-12	0.4	5
265	Real Prediction of Elder People Abnormal Situations at Home. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 31-40	0.4	
264	ANN Based Model of PV Modules. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 147-155	0.4	1
263	Agent-Based Spatial Dynamic Modeling of Opinion Propagation Exploring Delaying Conditions to Achieve Homogeneity. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 177-185	0.4	
262	White Matter Tract Integrity in Alzheimer's Disease vs. Late Onset Bipolar Disorder and Its Correlation with Systemic Inflammation and Oxidative Stress Biomarkers. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 179	5.3	12
261	Pypes: Workflows for Processing Multimodal Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , <b>2017</b> , 11, 25	3.9	7

260	Improved Control of DLO Transportation by a Team of Quadrotors. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 117-126	0.9	3
259	Erasmus Innovative European Studies. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 758-765	0.4	
258	Predicting Trust in Wikipedia's Vote Network Using Social Networks measures. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 355-363	0.9	
257	Emergency Department Readmission Risk Prediction: A Case Study in Chile. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 11-20	0.9	1
256	Finding Communities in Recommendation Systems by Multi-agent Spatial Dynamics. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 577-587	0.9	
255	Neuronal Electrical Behavior Modeling of Solar Panels. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 554-564	0.9	
254	Agent-Based Spatial Dynamics Explaining Sustained Opinion Survival. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 137-146	0.9	
253	Ongoing Work on Deep Learning for Lung Cancer Prediction. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 42-48	0.9	2
252	Towards Hospitalization After Readmission Risk Prediction Using ELMs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 384-393	0.9	
251	Integrating Electronic Health Records in Clinical Decision Support Systems. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 407-416	0.5	3
250	Image Understanding Applications of Lattice Autoassociative Memories. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 1920-32	10.3	17
249	Standard and fenestrated endograft sizing in EVAR planning: Description and validation of a semi-automated 3D software. <i>Computerized Medical Imaging and Graphics</i> , <b>2016</b> , 50, 9-23	7.6	8
248	Anticipative Hybrid Extreme Rotation Forest. <i>Procedia Computer Science</i> , <b>2016</b> , 80, 1671-1681	1.6	4
247	Intelligent Methods Applied to Health-Care Information Systems. <i>Applied Artificial Intelligence</i> , <b>2016</b> , 30, 495-496	2.3	2
246	A Survey of Big Data Issues in Electronic Health Record Analysis. <i>Applied Artificial Intelligence</i> , <b>2016</b> , 30, 497-520	2.3	25
245	Hygehos Ontology for Electronic Health Records. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 311-321	0.5	1
244	Knowledge Modeling by ELM in RL for SRHT Problem. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 323-331	0.9	
243	Particle Swarm Optimization Quadrotor Control for Cooperative Aerial Transportation of Deformable Linear Objects. <i>Cybernetics and Systems</i> , <b>2016</b> , 47, 4-16	1.9	11

242	Hyperspectral image nonlinear unmixing and reconstruction by ELM regression ensemble. <i>Neurocomputing</i> , <b>2016</b> , 174, 299-309	5.4	21
241	Brain MRI morphological patterns extraction tool based on Extreme Learning Machine and majority vote classification. <i>Neurocomputing</i> , <b>2016</b> , 174, 344-351	5.4	16
240	Automated Segmentation of Subcutaneous and Visceral Adipose Tissues from MRI. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 427-433	0.5	1
239	Random Forest Active Learning for Retinal Image Segmentation. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 213-221	0.4	2
238	An Ad-Hoc Image Segmentation of Subcutaneous and Visceral Adipose Tissue from Abdomino-Pelvic Magnetic Resonance Images. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 417-425	0.5	1
237	Late Onset Bipolar Disorder Versus Alzheimer Disease. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 377-384	0.5	0
236	Views on Electronic Health Record. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 323-332	0.5	0
235	Review of Automatic Segmentation Methods of White Matter Lesions on MRI Data. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 301-309	0.5	0
234	Eigenanatomy on Fractional Anisotropy Imaging Provides White Matter Anatomical Features Discriminating Between Alzheimer's Disease and Late Onset Bipolar Disorder. <i>Current Alzheimer Research</i> , <b>2016</b> , 13, 557-65	3	8
233	Online fuzzy modulated adaptive PD control for cooperative aerial transportation of deformable linear objects. <i>Integrated Computer-Aided Engineering</i> , <b>2016</b> , 24, 41-55	5.2	10
232	Variable speed wind turbine controller adaptation by reinforcement learning. <i>Integrated Computer-Aided Engineering</i> , <b>2016</b> , 24, 27-39	5.2	16
231	Experience-Based Electronic Health Records. <i>Cybernetics and Systems</i> , <b>2016</b> , 47, 126-139	1.9	0
230	A new heuristic for influence maximization in social networks. <i>Logic Journal of the IGPL</i> , <b>2016</b> , 24, 996-1014	1.4	1
229	Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 577-90	5.9	50
228	Reputation features for trust prediction in social networks. <i>Neurocomputing</i> , <b>2015</b> , 166, 1-7	5.4	18
227	An experiment of subconscious intelligent social computing on household appliances. <i>Neurocomputing</i> , <b>2015</b> , 167, 32-43	5.4	1
226	Extended Reflexive Ontologies for the Generation of Clinical Recommendations. <i>Cybernetics and Systems</i> , <b>2015</b> , 46, 4-18	1.9	4
225	Arm Orthosis/Prosthesis Movement Control Based on Surface EMG Signal Extraction. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550009	6.2	13



224	Computer aided diagnosis of schizophrenia on resting state fMRI data by ensembles of ELM. <i>Neural Networks</i> , <b>2015</b> , 68, 23-33	9.1	43
223	Experiments of Trust Prediction in Social Networks by Artificial Neural Networks. <i>Cybernetics and Systems</i> , <b>2015</b> , 46, 19-34	1.9	13
222	Educational Innovation: Interaction and Relationship Inside A Sub-Module. <i>Procedia, Social and Behavioral Sciences</i> , <b>2015</b> , 186, 395-400		1
221	Discrimination of schizophrenia auditory hallucinators by machine learning of resting-state functional MRI. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550007	6.2	53
220	A lattice computing approach to Alzheimer's disease computer assisted diagnosis based on MRI data. <i>Neurocomputing</i> , <b>2015</b> , 150, 37-42	5.4	46
219	Classification of schizophrenia patients on lattice computing resting-state fMRI features. <i>Neurocomputing</i> , <b>2015</b> , 151, 151-160	5.4	5
218	Quasi-stationary state transportation of a hose with quadrotors. <i>Robotics and Autonomous Systems</i> , <b>2015</b> , 63, 187-194	3.5	20
217	Training Multiagent Systems by Q-Learning: Approaches and Empirical Results. <i>Computational Intelligence</i> , <b>2015</b> , 31, 498-512	2.5	3
216	An active learning approach for stroke lesion segmentation on multimodal MRI data. <i>Neurocomputing</i> , <b>2015</b> , 150, 26-36	5.4	21
215	Spatially regularized semisupervised Ensembles of Extreme Learning Machines for hyperspectral image segmentation. <i>Neurocomputing</i> , <b>2015</b> , 149, 373-386	5.4	27
214	Special issue on innovations in medicine and healthcare. <i>Biosystems Engineering</i> , <b>2015</b> , 138, 1-3	4.8	
213	Discrimination between Alzheimer's Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 231	5.3	20
212	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127129	3.7	11
211	Lynx: Automatic Elderly Behavior Prediction in Home Telecare. <i>BioMed Research International</i> , <b>2015</b> , 2015, 201939	3	9
210	Risk Factors for Emergency Department Short Time Readmission in Stratified Population. <i>BioMed Research International</i> , <b>2015</b> , 2015, 685067	3	13
209	A novel hyperspectral segmentation algorithm—concept and evaluation. <i>Logic Journal of the IGPL</i> , <b>2015</b> , 23, 105-120	1	2
208	Reinforcement Learning endowed with safe veto policies to learn the control of Linked-Multicomponent Robotic Systems. <i>Information Sciences</i> , <b>2015</b> , 317, 25-47	7.7	9
207	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. <i>Neurocomputing</i> , <b>2015</b> , 164, 154-161	5.4	18



206	Electronic Health Record: A review <b>2015</b> ,		4
205	Robust Control Tuning by PSO of Aerial Robots Hose Transportation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 291-300	0.9	7
204	Some Results on Dynamic Causal Modeling of Auditory Hallucinations. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 185-194	0.9	1
203	Real Implantation of an Expert System for Elderly Home Care. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 668-678	0.9	1
202	Blurred Labeling Segmentation Algorithm for Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 578-587	0.9	
201	Reinforcement Learning in Single Robot Hose Transport Task: A Physical Proof of Concept. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 297-306	0.4	
200	Graph-Based Learning on Sparse Data for Recommendation Systems in Social Networks. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 61-68	0.9	1
199	Experiments of Skin Detection in Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 184-192.	0.9	
198	Multi-agent Reinforcement Learning for Control Systems: Challenges and Proposals. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 18-25	0.9	
197	An Instance of Social Intelligence in the Internet of Things: Bread Making Recipe Recommendation by ELM Regression. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 16-25	0.9	
196	Design and Development of a Mobile Cardiac Rehabilitation System. <i>Cybernetics and Systems</i> , <b>2014</b> , 45, 92-108	1.9	1
195	Decisional DNA for modeling and reuse of experiential clinical assessments in breast cancer diagnosis and treatment. <i>Neurocomputing</i> , <b>2014</b> , 146, 308-318	5.4	8
194	Random forest active learning for AAA thrombus segmentation in computed tomography angiography images. <i>Neurocomputing</i> , <b>2014</b> , 126, 71-77	5.4	32
193	Hybrid extreme rotation forest. <i>Neural Networks</i> , <b>2014</b> , 52, 33-42	9.1	24
192	Evolutionary ELM wrapper feature selection for Alzheimer's disease CAD on anatomical brain MRI. <i>Neurocomputing</i> , <b>2014</b> , 128, 73-80	5.4	56
191	An empirical evaluation of Gravitational Swarm Intelligence for graph coloring algorithm. <i>Neurocomputing</i> , <b>2014</b> , 132, 79-84	5.4	3
190	A survey of multiple classifier systems as hybrid systems. <i>Information Fusion</i> , <b>2014</b> , 16, 3-17	16.7	611
189	Educational Innovation Project in the Field of Industrial Informatics. <i>Procedia, Social and Behavioral Sciences</i> , <b>2014</b> , 141, 20-24		2

188	Retrospective Vision of a Long Term Innovative Experience. <i>Procedia, Social and Behavioral Sciences</i> , <b>2014</b> , 141, 15-19		1
187	Energy demands of diverse spiking cells from the neocortex, hippocampus, and thalamus. <i>Frontiers in Computational Neuroscience</i> , <b>2014</b> , 8, 41	3.5	18
186	Recipe tuning by reinforcement learning in the SandS ecosystem <b>2014</b> ,		1
185	On the Effect of High Order Reputation Information on Trust Prediction in Wikipedia's Vote Network <b>2014</b> ,		1
184	A Domestic Application of Intelligent Social Computing: The SandS Project. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 221-228	0.4	4
183	Hybrid Sparse Linear and Lattice Method for Hyperspectral Image Unmixing. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 266-273	0.9	2
182	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> , <b>2014</b> , 35, 3819-31	5.9	36
181	Extreme learning machines for soybean classification in remote sensing hyperspectral images. <i>Neurocomputing</i> , <b>2014</b> , 128, 207-216	5.4	69
180	Data fusion for high spatial resolution LAI estimation. <i>Information Fusion</i> , <b>2014</b> , 16, 59-67	16.7	7
179	Reinforcement learning of ball screw feed drive controllers. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 30, 107-117	7.2	18
178	Structural integrity of the contralesional hemisphere predicts cognitive impairment in ischemic stroke at three months. <i>PLoS ONE</i> , <b>2014</b> , 9, e86119	3.7	39
177	Effect of Initial Conditioning of Reinforcement Learning Agents on Feedback Control Tasks over Continuous State and Action Spaces. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 125-133	0.4	2
176	Clustering of Anonymized Users in an Enterprise Intranet Social Network. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 229-236	0.4	
175	Computer Aided Diagnosis of Schizophrenia Based on Local-Activity Measures of Resting-State fMRI. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 1-12	0.9	1
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150	A Neural Network Approximation of L-MCRS Dynamics for Reinforcement Learning Experiments. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 317-325	0.9	4
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144	Enhancing Active Learning Computed Tomography Image Segmentation with Domain Knowledge. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 491-499	0.9	
143	An Empirical Study of Actor-Critic Methods for Feedback Controllers of Ball-Screw Drivers. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 441-450	0.9	2
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11	Structure of the high-order Boltzmann machine from independence maps. <i>IEEE Transactions on Neural Networks</i> , <b>1997</b> , 8, 1351-8		2
10	Experiments of Fast Learning with High Order Boltzmann Machines. <i>Applied Intelligence</i> , <b>1997</b> , 7, 287-303	3.9	5
9	A Sensitivity Analysis of the Self Organizing Maps as an Adaptive One-pass Non-stationary Clustering Algorithm: the Case of Color Quantization of Image Sequences. <i>Neural Processing Letters</i> , <b>1997</b> , 6, 77-89	2.4	5

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7	Convergence Properties of High-order Boltzmann Machines. <i>Neural Networks</i> , <b>1996</b> , 9, 1561-1567	9.1	2
6	Competitive stochastic neural networks for Vector Quantization of images. <i>Neurocomputing</i> , <b>1995</b> , 7, 187-195	5.4	1
5	The high-order Boltzmann machine: learned distribution and topology. <i>IEEE Transactions on Neural Networks</i> , <b>1995</b> , 6, 767-70		14
4	An analysis of the GLVQ algorithm. <i>IEEE Transactions on Neural Networks</i> , <b>1995</b> , 6, 1012-6		13
3	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1993</b> , 15, 514-521	13.3	10
2	Hierarchically structured systems. <i>European Journal of Operational Research</i> , <b>1986</b> , 25, 20-26	5.6	28
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