

# Manuel M Graa Romay

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1136140/manuel-m-grana-romay-publications-by-citations.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	A survey of multiple classifier systems as hybrid systems. <i>Information Fusion</i> , <b>2014</b> , 16, 3-17	16.7	611
330	Model-based analysis of multishell diffusion MR data for tractography: how to get over fitting problems. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 68, 1846-55	4.4	222
329	Computer aided diagnosis system for Alzheimer disease using brain diffusion tensor imaging features selected by Pearson's correlation. <i>Neuroscience Letters</i> , <b>2011</b> , 502, 225-9	3.3	99
328	Extreme learning machines for soybean classification in remote sensing hyperspectral images. <i>Neurocomputing</i> , <b>2014</b> , 128, 207-216	5.4	69
327	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
326	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
325	Two lattice computing approaches for the unsupervised segmentation of hyperspectral images. <i>Neurocomputing</i> , <b>2009</b> , 72, 2111-2120	5.4	63
324	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
323	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
322	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
321	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
320	Hybrid dendritic computing with kernel-LICA applied to Alzheimer's disease detection in MRI. <i>Neurocomputing</i> , <b>2012</b> , 75, 72-77	5.4	46
319	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
318	Neurocognitive disorder detection based on feature vectors extracted from VBM analysis of structural MRI. <i>Computers in Biology and Medicine</i> , <b>2011</b> , 41, 600-10	7	43
317	Morphological Scale Spaces and Associative Morphological Memories: Results on Robustness and Practical Applications. <i>Journal of Mathematical Imaging and Vision</i> , <b>2003</b> , 19, 113-131	1.6	40
316	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
315	Face recognition with lattice independent component analysis and extreme learning machines. <i>Soft Computing</i> , <b>2012</b> , 16, 1525-1537	3.5	38

3 <sup>14</sup>	An endmember-based distance for content based hyperspectral image retrieval. <i>Pattern Recognition</i> , <b>2012</b> , 45, 3472-3489	7.7	37
3 <sup>13</sup>	Linked multi-component mobile robots: Modeling, simulation and control. <i>Robotics and Autonomous Systems</i> , <b>2010</b> , 58, 1292-1305	3.5	37
3 <sup>12</sup>	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
3 <sup>11</sup>	Discovering Alzheimer's disease and bipolar disorder white matter effects building computer aided diagnostic systems on brain diffusion tensor imaging features. <i>Neuroscience Letters</i> , <b>2012</b> , 520, 71-6	3.3	33
3 <sup>10</sup>	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
3 <sup>09</sup>	Lattice independent component analysis for functional magnetic resonance imaging. <i>Information Sciences</i> , <b>2011</b> , 181, 1910-1928	7.7	32
3 <sup>08</sup>	FEEDBACK SYNCHRONIZATION OF CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2003</b> , 13, 177-191	2	32
3 <sup>07</sup>	Real-time optical markerless tracking for augmented reality applications. <i>Journal of Real-Time Image Processing</i> , <b>2010</b> , 5, 129-138	1.9	31
3 <sup>06</sup>	A Two Stage Sequential Ensemble Applied to the Classification of Alzheimer's Disease Based on MRI Features. <i>Neural Processing Letters</i> , <b>2012</b> , 35, 1-12	2.4	30
3 <sup>05</sup>	Cost of synchronizing different chaotic systems. <i>Mathematics and Computers in Simulation</i> , <b>2002</b> , 58, 309-327	3.3	28
3 <sup>04</sup>	Hierarchically structured systems. <i>European Journal of Operational Research</i> , <b>1986</b> , 25, 20-26	5.6	28
3 <sup>03</sup>	Spatially regularized semisupervised Ensembles of Extreme Learning Machines for hyperspectral image segmentation. <i>Neurocomputing</i> , <b>2015</b> , 149, 373-386	5.4	27
3 <sup>02</sup>	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
3 <sup>01</sup>	Deformation based feature selection for Computer Aided Diagnosis of Alzheimer's Disease. <i>Expert Systems With Applications</i> , <b>2013</b> , 40, 1619-1628	7.8	25
3 <sup>00</sup>	USING SET OF EXPERIENCE KNOWLEDGE STRUCTURE TO EXTEND A RULE SET OF CLINICAL DECISION SUPPORT SYSTEM FOR ALZHEIMER'S DISEASE DIAGNOSIS. <i>Cybernetics and Systems</i> , <b>2012</b> , 43, 81-95	1.9	25
299	Hybrid extreme rotation forest. <i>Neural Networks</i> , <b>2014</b> , 52, 33-42	9.1	24
298	Extreme Learning Machines for Feature Selection and Classification of Cocaine Dependent Patients on Structural MRI Data. <i>Neural Processing Letters</i> , <b>2013</b> , 38, 375-387	2.4	24
297	A lattice computing approach for on-line fMRI analysis. <i>Image and Vision Computing</i> , <b>2010</b> , 28, 1155-1161	3.7	24

296	Gentle Introduction to Artificial Intelligence for High-School Students Using Scratch. <i>IEEE Access</i> , <b>2019</b> , 7, 179027-179036	3.5	24
295	<b>2008</b> ,		23
294	An active learning approach for stroke lesion segmentation on multimodal MRI data. <i>Neurocomputing</i> , <b>2015</b> , 150, 26-36	5.4	21
293	Hyperspectral image nonlinear unmixing and reconstruction by ELM regression ensemble. <i>Neurocomputing</i> , <b>2016</b> , 174, 299-309	5.4	21
292	Quasi-stationary state transportation of a hose with quadrotors. <i>Robotics and Autonomous Systems</i> , <b>2015</b> , 63, 187-194	3.5	20
291	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
290	Bridging challenges of clinical decision support systems with a semantic approach. A case study on breast cancer. <i>Pattern Recognition Letters</i> , <b>2013</b> , 34, 1758-1768	4.7	20
289	Classification Results of Artificial Neural Networks for Alzheimer's Disease Detection. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 641-648	0.9	20
288	Semantically enhanced network analysis for influencer identification in online social networks. <i>Neurocomputing</i> , <b>2019</b> , 326-327, 71-81	5.4	20
287	A Spectral/Spatial CBIR System for Hyperspectral Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2012</b> , 5, 488-500	4.7	19
286	Reputation features for trust prediction in social networks. <i>Neurocomputing</i> , <b>2015</b> , 166, 1-7	5.4	18
285	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
284	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
283	Reinforcement learning of ball screw feed drive controllers. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 30, 107-117	7.2	18
282	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
281	Resting State Effective Connectivity Allows Auditory Hallucination Discrimination. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750019	6.2	17
280	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
279	Transfer learning with Partially Constrained Models: Application to reinforcement learning of linked multicomponent robot system control. <i>Robotics and Autonomous Systems</i> , <b>2013</b> , 61, 694-703	3.5	16

278	A parametric gradient descent MRI intensity inhomogeneity correction algorithm. <i>Pattern Recognition Letters</i> , <b>2007</b> , 28, 1657-1666	4.7	16
277	Variable speed wind turbine controller adaptation by reinforcement learning. <i>Integrated Computer-Aided Engineering</i> , <b>2016</b> , 24, 27-39	5.2	16
276	Knowledge management in image-based analysis of blood vessel structures. <i>Knowledge and Information Systems</i> , <b>2012</b> , 30, 457-491	2.4	15
275	Computer-assisted enhanced volumetric segmentation magnetic resonance imaging data using a mixture of artificial neural networks. <i>Magnetic Resonance Imaging</i> , <b>2003</b> , 21, 901-12	3.3	15
274	Endmember Extraction Methods: A Short Review. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 400-407	0.9	15
273	Image segmentation on spherical coordinate representation of RGB colour space. <i>IET Image Processing</i> , <b>2012</b> , 6, 1275-1283	1.7	14
272	Monitoring acute inflammatory processes in mouse muscle by MR imaging and spectroscopy: a comparison with pathological results. <i>NMR in Biomedicine</i> , <b>2002</b> , 15, 204-14	4.4	14
271	The high-order Boltzmann machine: learned distribution and topology. <i>IEEE Transactions on Neural Networks</i> , <b>1995</b> , 6, 767-70		14
270	Machine Learning Readmission Risk Modeling: A Pediatric Case Study. <i>BioMed Research International</i> , <b>2019</b> , 2019, 8532892	3	13
269	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
268	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
267	Experiments of conditioned reinforcement learning in continuous space control tasks. <i>Neurocomputing</i> , <b>2018</b> , 271, 38-47	5.4	13
266	The Kosko Subsethood Fuzzy Associative Memory (KS-FAM): Mathematical Background and Applications in Computer Vision. <i>Journal of Mathematical Imaging and Vision</i> , <b>2012</b> , 42, 134-149	1.6	13
265	Risk Factors for Emergency Department Short Time Readmission in Stratified Population. <i>BioMed Research International</i> , <b>2015</b> , 2015, 685067	3	13
264	Morphological neural networks and vision based simultaneous localization and mapping. <i>Integrated Computer-Aided Engineering</i> , <b>2007</b> , 14, 355-363	5.2	13
263	An analysis of the GLVQ algorithm. <i>IEEE Transactions on Neural Networks</i> , <b>1995</b> , 6, 1012-6		13
262	An Automatic Segmentation and Reconstruction of Mandibular Structures from CT-Data. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 649-655	0.9	13
261	A Panoramic Survey on Grasping Research Trends and Topics. <i>Cybernetics and Systems</i> , <b>2019</b> , 50, 40-57	1.9	13

260	Lattice independent component analysis feature selection on diffusion weighted imaging for Alzheimer's disease classification. <i>Neurocomputing</i> , <b>2013</b> , 114, 132-141	5.4	12
259	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
258	Undesired state-action prediction in multi-agent reinforcement learning for linked multi-component robotic system control. <i>Information Sciences</i> , <b>2013</b> , 232, 309-324	7.7	12
257	Detection of type II endoleaks in abdominal aortic aneurysms after endovascular repair. <i>Computers in Biology and Medicine</i> , <b>2011</b> , 41, 871-80	7	12
256	IMPROVING THE CONTROL OF SINGLE ROBOT HOSE TRANSPORT. <i>Cybernetics and Systems</i> , <b>2012</b> , 43, 261-275	1.9	12
255	On the application of Associative Morphological Memories to Hyperspectral Image Analysis. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 567-574	0.9	12
254	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
253	A Pruning Algorithm for Stable Voronoi Skeletons. <i>Journal of Mathematical Imaging and Vision</i> , <b>2012</b> , 42, 225-237	1.6	11
252	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127129	3.7	11
251	STATE-ACTION VALUE FUNCTION MODELED BY ELM IN REINFORCEMENT LEARNING FOR HOSE CONTROL PROBLEMS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>2013</b> , 21, 99-116	0.8	11
250	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
249	On the Use of Morphometry Based Features for Alzheimer's Disease Detection on MRI. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 957-964	0.9	10
248	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1993</b> , 15, 514-521	13.3	10
247	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
246	Lynx: Automatic Elderly Behavior Prediction in Home Telecare. <i>BioMed Research International</i> , <b>2015</b> , 2015, 201939	3	9
245	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
244	Lattice computing in hybrid intelligent systems <b>2012</b> ,		9
243	Neuro-evolutionary mobile robot egomotion estimation with a 3D ToF camera. <i>Neural Computing and Applications</i> , <b>2011</b> , 20, 345-354	4.8	9

242	Recycled paper visual indexing for quality control. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 8807-8815	7.8	9
241	Results of an Adaboost Approach on Alzheimer's Disease Detection on MRI. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 114-123	0.9	9
240	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
239	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
238	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
237	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
236	Pruning algorithm for Voronoi skeletons. <i>Electronics Letters</i> , <b>2010</b> , 46, 39	1.1	8
235	An adaptive field rule for non-parametric MRI intensity inhomogeneity estimation algorithm. <i>Neurocomputing</i> , <b>2009</b> , 72, 3556-3569	5.4	8
234	Segmentation of Abdominal Aortic Aneurysms in CT Images Using a Radial Model Approach. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 664-671	0.9	8
233	A single individual evolutionary strategy for endmember search in hyperspectral images. <i>Information Sciences</i> , <b>2004</b> , 161, 181-197	7.7	8
232	On Content-Based Image Retrieval Systems for Hyperspectral Remote Sensing Images. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 125-144	0.8	8
231	Hybrid Decision Support System for Endovascular Aortic Aneurysm Repair Follow-Up. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 500-507	0.9	8
230	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
229	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
228	Prediction of Aboveground Biomass from Low-Density LiDAR Data: Validation over P. radiata Data from a Region North of Spain. <i>Forests</i> , <b>2019</b> , 10, 819	2.8	7
227	Pypes: Workflows for Processing Multimodal Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , <b>2017</b> , 11, 25	3.9	7
226	Data fusion for high spatial resolution LAI estimation. <i>Information Fusion</i> , <b>2014</b> , 16, 59-67	16.7	7
225	Abdominal CTA image analysis through active learning and decision random forests: Application to AAA segmentation <b>2012</b> ,		7



224	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
223	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
222	Predicting Patient Hospitalization after Emergency Readmission. <i>Cybernetics and Systems</i> , <b>2017</b> , 48, 182-192	1.9	6
221	Robust labeling of human motion markers in the presence of occlusions. <i>Neurocomputing</i> , <b>2019</b> , 353, 96-105	5.4	6
220	SWARM GRAPH COLORING FOR THE IDENTIFICATION OF USER GROUPS ON ERP LOGS. <i>Cybernetics and Systems</i> , <b>2013</b> , 44, 489-504	1.9	6
219	IMPACT OF REFLEXIVE ONTOLOGIES IN SEMANTIC CLINICAL DECISION SUPPORT SYSTEMS. <i>Cybernetics and Systems</i> , <b>2013</b> , 44, 187-203	1.9	6
218	Domain Modeling Based on Engineering Standards. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 95-102	0.9	6
217	Nonzero error synchronization of chaotic systems via dynamic coupling. <i>Physica D: Nonlinear Phenomena</i> , <b>2003</b> , 177, 39-49	3.3	6
216	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
215	Classification of schizophrenia patients on lattice computing resting-state fMRI features. <i>Neurocomputing</i> , <b>2015</b> , 151, 151-160	5.4	5
214	Instances of subconscious social intelligent computing <b>2013</b> ,		5
213	Predicting 30-Day Emergency Readmission Risk. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 3-12	0.4	5
212	Image Security and Biometrics: A Review. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 436-447	0.9	5
211	Lattice auto-associative memories induced supervised ordering defining a multivariate morphology on hyperspectral data <b>2012</b> ,		5
210	Endmember induction by lattice associative memories and multi-objective genetic algorithms. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2012</b> , 2012,	1.9	5
209	CURRENT RESEARCH ADVANCES AND IMPLEMENTATIONS IN SMART KNOWLEDGE-BASED SYSTEMS: PART I. <i>Cybernetics and Systems</i> , <b>2013</b> , 44, 95-97	1.9	5
208	BUILDING DOMAIN ONTOLOGIES FROM ENGINEERING STANDARDS. <i>Cybernetics and Systems</i> , <b>2012</b> , 43, 114-126	1.9	5
207	Experiments of Fast Learning with High Order Boltzmann Machines. <i>Applied Intelligence</i> , <b>1997</b> , 7, 287-303	3.9	5



206	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
205	A probabilistic hit-and-miss transform for face localization. <i>Pattern Analysis and Applications</i> , <b>2004</b> , 7, 117-127	2.3	5
204	Thrombus Volume Change Visualization after Endovascular Abdominal Aortic Aneurysm Repair. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 524-531	0.9	5
203	A novel methodology for clinical semantic annotations assessment. <i>Logic Journal of the IGPL</i> , <b>2018</b> ,	1	5
202	Extended Reflexive Ontologies for the Generation of Clinical Recommendations. <i>Cybernetics and Systems</i> , <b>2015</b> , 46, 4-18	1.9	4
201	Anticipative Hybrid Extreme Rotation Forest. <i>Procedia Computer Science</i> , <b>2016</b> , 80, 1671-1681	1.6	4
200	Electronic Health Record: A review <b>2015</b> ,		4
199	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
198	Lattice independent component analysis for appearance-based mobile robot localization. <i>Neural Computing and Applications</i> , <b>2012</b> , 21, 1031-1042	4.8	4
197	A morphological cellular automata based on morphological independence. <i>Logic Journal of the IGPL</i> , <b>2012</b> , 20, 617-624	1	4
196	Applications of Hybrid Extreme Rotation Forests for image segmentation. <i>International Journal of Hybrid Intelligent Systems</i> , <b>2013</b> , 11, 13-24	0.9	4
195	An Architecture for the Semantic Enhancement of Clinical Decision Support Systems. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 611-620	0.9	4
194	EMOTION RECOGNITION BASED ON THE ANALYSIS OF FACIAL EXPRESIONS: A SURVEY. <i>New Mathematics and Natural Computation</i> , <b>2009</b> , 05, 513-534	0.6	4
193	Model Reduction in Emulsion Polymerization Using Hybrid First Principles/Artificial Neural Networks Models, 2. <i>Macromolecular Theory and Simulations</i> , <b>2005</b> , 14, 125-132	1.5	4
192	Convex Coordinates From Lattice Independent Sets for Visual Pattern Recognition <b>2007</b> , 101-128		4
191	A Hybrid Intelligent System for Robot Ego Motion Estimation with a 3D Camera. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 657-664	0.9	4
190	Meta-ensembles of Classifiers for Alzheimer's Disease Detection Using Independent ROI Features. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 122-130	0.9	4
189	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

188	A Discussion on Trust Requirements for a Social Network of Eahoukers. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 540-547	0.9	4
187	Empirical Study of Q-Learning Based Elemental Hose Transport Control. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 455-462	0.9	4
186	Behavioral Activity Recognition Based on Gaze Ethograms. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050025	6.2	4
185	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
184	On Endmember Detection in Hyperspectral Images with Morphological Associative Memories. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 526-535	0.9	4
183	Integrating Electronic Health Records in Clinical Decision Support Systems. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 407-416	0.5	3
182	A Short Review of Some Aspects of Computational Neuroethology. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 275-283	0.9	3
181	Training Multiagent Systems by Q-Learning: Approaches and Empirical Results. <i>Computational Intelligence</i> , <b>2015</b> , 31, 498-512	2.5	3
180	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
179	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
178	An empirical evaluation of Gravitational Swarm Intelligence for graph coloring algorithm. <i>Neurocomputing</i> , <b>2014</b> , 132, 79-84	5.4	3
177	Fusion of lattice independent and linear features improving face identification. <i>Neurocomputing</i> , <b>2013</b> , 114, 80-85	5.4	3
176	Hybrid multivariate morphology using lattice auto-associative memories for resting-state fMRI network discovery <b>2012</b> ,		3
175	Face localization based on the morphological multiscale fingerprints. <i>Pattern Recognition Letters</i> , <b>2001</b> , 22, 359-371	4.7	3
174	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
173	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
172	A Stable Skeletonization for Tabletop Gesture Recognition. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 610-621	0.9	3
171	Further Results on Swarms Solving Graph Coloring. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 541-551	0.9	3

170	Deformation Based Features for Alzheimer's Disease Detection with Linear SVM. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 336-343	0.9	3
169	Concurrent Modular Q-Learning with Local Rewards on Linked Multi-Component Robotic Systems. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 148-155	0.9	3
168	A Hybrid Segmentation of Abdominal CT Images. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 416-423	0.9	3
167	High Resolution Segmentation of CSF on Phase Contrast MRI. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 96-103	0.9	3
166	Results on a Lattice Computing Based Group Analysis of Schizophrenic Patients on Resting State fMRI. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 131-139	0.9	3
165	Combining Geostatistics and Remote Sensing Data to Improve Spatiotemporal Analysis of Precipitation. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
164	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
163	Triage prediction in pediatric patients with respiratory problems. <i>Neurocomputing</i> , <b>2019</b> , 326-327, 161-167	1.4	3
162	Modelling hospital readmissions under frailty conditions for healthy aging. <i>Expert Systems</i> , <b>2020</b> , 37, e12437	2.1	3
161	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
160	Deep Learning Prediction of Gait Based on Inertial Measurements. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 284-290	0.9	2
159	Intelligent Methods Applied to Health-Care Information Systems. <i>Applied Artificial Intelligence</i> , <b>2016</b> , 30, 495-496	2.3	2
158	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
157	Educational Innovation Project in the Field of Industrial Informatics. <i>Procedia, Social and Behavioral Sciences</i> , <b>2014</b> , 141, 20-24		2
156	Semantic speech recognition in the Basque context Part II: language identification for under-resourced languages. <i>International Journal of Speech Technology</i> , <b>2012</b> , 15, 41-47	1.3	2
155	Tuning of Adaptive Weight Depth Map Generation Algorithms. <i>Journal of Mathematical Imaging and Vision</i> , <b>2013</b> , 47, 3-12	1.6	2
154	Further results on dissimilarity spaces for hyperspectral images RF-CBIR. <i>Pattern Recognition Letters</i> , <b>2013</b> , 34, 1659-1668	4.7	2
153	Learning parsimonious dendritic classifiers. <i>Neurocomputing</i> , <b>2013</b> , 109, 3-8	5.4	2

152	A novel hyperspectral segmentation algorithm concept and evaluation. <i>Logic Journal of the IGPL</i> , <b>2015</b> , 23, 105-120	1	2
151	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
150	AN EMPIRICAL EVALUATION OF INTEREST POINT DETECTORS. <i>Cybernetics and Systems</i> , <b>2013</b> , 44, 98-117.	1.9	2
149	An image color gradient preserving color constancy <b>2010</b> ,		2
148	Towards Relevance Dendritic Computing <b>2011</b> ,		2
147	An Architecture for the Semantic Enhancement of Virtual Engineering Applications. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 175-195	0.8	2
146	Structure of the high-order Boltzmann machine from independence maps. <i>IEEE Transactions on Neural Networks</i> , <b>1997</b> , 8, 1351-8		2
145	User expectations for the intelligent blackboard. <i>Displays</i> , <b>1997</b> , 17, 143-146	3.4	2
144	Evolutionary algorithms. <i>Information Sciences</i> , <b>2001</b> , 133, 101-102	7.7	2
143	Basic Competitive Neural Networks as Adaptive Mechanisms for Non-Stationary Colour Quantisation. <i>Neural Computing and Applications</i> , <b>1999</b> , 8, 347-367	4.8	2
142	Convergence Properties of High-order Boltzmann Machines. <i>Neural Networks</i> , <b>1996</b> , 9, 1561-1567	9.1	2
141	Recognizing Cognitive Activities Through Eye Tracking. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 291-300.	0.9	2
140	An Approach to Teach Nao Dialogue Skills. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 301-308	0.9	2
139	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
138	Random Forest Active Learning for Retinal Image Segmentation. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 213-221	0.4	2
137	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
136	Contribution to Legged Robot Visual Servoing. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 1179-1186	0.9	2
135	On Distributed Cooperative Control for the Manipulation of a Hose by a Multirobot System. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 673-679	0.9	2

134	An Improved Evolutionary Approach for Egomotion Estimation with a 3D TOF Camera. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 390-398	0.9	2
133	Economical Implementation of Control Loops for Multi-robot Systems. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1053-1059	0.9	2
132	Lattice Independent Component Analysis for fMRI Analysis. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 725-734	0.9	2
131	Validation of a Hyperspectral Content-Based Information Retrieval (RS-CBIR) System Upon Scarce Data. <i>Advances in Intelligent and Soft Computing</i> , <b>2011</b> , 47-56		2
130	A Novel Lattice Associative Memory Based on Dendritic Computing. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 491-502	0.9	2
129	Ongoing Work on Deep Learning for Lung Cancer Prediction. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 42-48	0.9	2
128	Towards Concurrent Q-Learning on Linked Multi-Component Robotic Systems. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 463-470	0.9	2
127	Cocaine Dependent Classification Using Brain Magnetic Resonance Imaging. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 448-454	0.9	2
126	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
125	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
124	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
123	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
122	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
121	Indoor Crowd 3D Localization in Big Buildings from Wi-Fi Access Anonymous Data. <i>Sensors</i> , <b>2019</b> , 19,	3.8	2
120	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
119	An experiment of subconscious intelligent social computing on household appliances. <i>Neurocomputing</i> , <b>2015</b> , 167, 32-43	5.4	1
118	Educational Innovation: Interaction and Relationship Inside A Sub-Module. <i>Procedia, Social and Behavioral Sciences</i> , <b>2015</b> , 186, 395-400		1
117	Hygehos Ontology for Electronic Health Records. <i>Smart Innovation, Systems and Technologies</i> , <b>2016</b> , 311-321	0.5	1

116	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
115	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
114	Design and Development of a Mobile Cardiac Rehabilitation System. <i>Cybernetics and Systems</i> , <b>2014</b> , 45, 92-108	1.9	1
113	Retrospective Vision of a Long Term Innovative Experience. <i>Procedia, Social and Behavioral Sciences</i> , <b>2014</b> , 141, 15-19		1
112	Experiments for the selection of sub-word units in the Basque context for semantic tasks. <i>International Journal of Speech Technology</i> , <b>2012</b> , 15, 49-56	1.3	1
111	Semantic speech recognition in the Basque context Part I: cross-lingual approaches. <i>International Journal of Speech Technology</i> , <b>2012</b> , 15, 33-40	1.3	1
110	Visual Servoing of Legged Robots. <i>Journal of Mathematical Imaging and Vision</i> , <b>2012</b> , 42, 196-211	1.6	1
109	ANN Based Model of PV Modules. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 147-155	0.4	1
108	Recipe tuning by reinforcement learning in the SandS ecosystem <b>2014</b> ,		1
107	On the Effect of High Order Reputation Information on Trust Prediction in Wikipedia's Vote Network <b>2014</b> ,		1
106	Greedy Sparsification WM Algorithm for Endmember Induction in Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 336-344	0.9	1
105	Face Processing for Security: A Short Review. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 89-96		1
104	Further results of Gravitational Swarm Intelligence for Graph Coloring <b>2011</b> ,		1
103	Active learning of Hybrid Extreme Rotation Forests for CTA image segmentation <b>2012</b> ,		1
102	EFFECT OF SPATIAL PERCOLATION ON THE CONVERGENCE OF A GRAPH COLORING BOID SWARM. <i>International Journal on Artificial Intelligence Tools</i> , <b>2012</b> , 21, 1250015	0.9	1
101	A Comparison of Experimental Results with an Evolution Strategy and Competitive Neural Networks for Near Real-Time Color Quantization of Image Sequences. <i>Applied Intelligence</i> , <b>1998</b> , 8, 43-54	4.9	1
100	Statistical transmission delay guarantee for nonreal-time traffic multiplexed with real-time traffic. <i>Computer Communications</i> , <b>2003</b> , 26, 1365-1375	5.1	1
99	Neural learning for distributions on categorical data. <i>Neurocomputing</i> , <b>2000</b> , 34, 1-9	5.4	1

98	Competitive stochastic neural networks for Vector Quantization of images. <i>Neurocomputing</i> , <b>1995</b> , 7, 187-195	5.4	1
97	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
96	Hyperspectral Image Watermarking with an Evolutionary Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 833-839	0.9	1
95	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
94	Some Results on Dynamic Causal Modeling of Auditory Hallucinations. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 185-194	0.9	1
93	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
92	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
91	Modeling a Legged Robot for Visual Servoing <b>2007</b> , 798-810		1
90	Neuro-Evolutive System for Ego-Motion Estimation with a 3D Camera. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1021-1028	0.9	1
89	Stent Graft Change Detection After Endovascular Abdominal Aortic Aneurysm Repair. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 656-663	0.9	1
88	Image Analysis Pipeline for Automatic Karyotyping. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 392-403	0.9	1
87	An Ensemble of Classifiers Guided by the AAL Brain Atlas for Alzheimer's Disease Detection. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 107-114	0.9	1
86	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
85	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
84	Towards the Adaptive Control of a Multirobot System for an Elastic Hose. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1045-1052	0.9	1
83	A Color Transformation for Robust Detection of Color Landmarks in Robotic Contexts. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 665-672		1
82	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
81	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



80	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
79	Risk factors for prediction of delirium at hospital admittance. <i>Expert Systems</i> , e12698	2.1	1
78	A new heuristic for influence maximization in social networks. <i>Logic Journal of the IGPL</i> , <b>2016</b> , 24, 996-1014	1	
77	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
76	Specification of Extended Reflexive Ontologies in the context of CDSS. <i>Studies in Health Technology and Informatics</i> , <b>2014</b> , 207, 234-43	0.5	1
75	Survival of Frail Elderly with Delirium.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
74	Deep transfer learning-based gaze tracking for behavioral activity recognition. <i>Neurocomputing</i> , <b>2022</b> , 500, 518-527	5.4	1
73	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
72	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	
71	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	
70	Knowledge Modeling by ELM in RL for SRHT Problem. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 323-331	0.9	
69	Special issue on innovations in medicine and healthcare. <i>Biosystems Engineering</i> , <b>2015</b> , 138, 1-3	4.8	
68	Special Issue on Hybrid Artificial Intelligent Systems. <i>Journal of Mathematical Imaging and Vision</i> , <b>2012</b> , 42, 101-102	1.6	
67	Real Prediction of Elder People Abnormal Situations at Home. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 31-40	0.4	
66	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	
65	CURRENT RESEARCH ADVANCES AND IMPLEMENTATIONS IN SMART KNOWLEDGE-BASED SYSTEMS: PART II. <i>Cybernetics and Systems</i> , <b>2013</b> , 44, 184-186	1.9	
64	Trust models and applications in communication and multi-agent systems. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , <b>2013</b> , 17, 187-193	0.5	
63	PRESERVING VIRTUAL ENGINEERING KNOWLEDGE THROUGH THE PRODUCT LIFE CYCLE. <i>Cybernetics and Systems</i> , <b>2011</b> , 42, 124-138	1.9	

62	On a Gradient-based Evolution Strategy for Parametric Illumination Correction <b>2005</b> , 61-72	
61	Morphological Independence for Landmark Detection in Vision Based SLAM <b>2007</b> , 847-854	
60	Derivation of SOM-Like Rules for Intensity Inhomogeneity Correction in MRI <b>2007</b> , 676-683	
59	Evolutionary Parametric Approach for Specular Correction in the Dichromatic Reflection Model. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 665-672	0.9
58	Robust Estimation of the Optical Flow Based on VQ-BF. <i>Studies in Fuzziness and Soft Computing</i> , <b>2003</b> , 351-363	0.7
57	Content Based Retrieval of Hyperspectral Images Using AMM Induced Endmembers. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 827-832	0.9
56	SOM and Neural Gas as Graduated Nonconvexity Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 1143-1152	0.9
55	Testing Modified Confusion Entropy as Split Criterion for Decision Trees. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 3-13	0.9
54	BIOTHHINGS: A Pipeline Creation Tool for PAR-CLIP Sequence Analysis. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 327-336	0.9
53	Reinforcement Learning Experiments Running Efficiently over Widely Heterogeneous Computer Farms. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 758-769	0.9
52	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
51	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
50	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
49	Experience Based Clinical Decision Support Systems: An Overview and Case Studies. <i>Intelligent Systems Reference Library</i> , <b>2020</b> , 151-188	0.8
48	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
47	Blurred Labeling Segmentation Algorithm for Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 578-587	0.9
46	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
45	Experiments of Skin Detection in Hyperspectral Images. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 184-192	0.9

- 44 Multi-agent Reinforcement Learning for Control Systems: Challenges and Proposals. *Lecture Notes in Computer Science*, **2015**, 18-25 0.9
- 43 An Instance of Social Intelligence in the Internet of Things: Bread Making Recipe Recommendation by ELM Regression. *Lecture Notes in Computer Science*, **2015**, 16-25 0.9
- 42 An Ad-Hoc Image Segmentation of Subcutaneous and Visceral Adipose Tissue from Abdomino-Pelvic Magnetic Resonance Images. *Smart Innovation, Systems and Technologies*, **2016**, 417-425 0.5
- 41 Late Onset Bipolar Disorder Versus Alzheimer Disease. *Smart Innovation, Systems and Technologies*, **2016**, 377-384 0.5
- 40 Views on Electronic Health Record. *Smart Innovation, Systems and Technologies*, **2016**, 323-332 0.5
- 39 Erasmus Innovative European Studies. *Advances in Intelligent Systems and Computing*, **2017**, 758-765 0.4
- 38 Predicting Trust in Wikipedia's Vote Network Using Social Networks measures. *Lecture Notes in Computer Science*, **2017**, 355-363 0.9
- 37 Finding Communities in Recommendation Systems by Multi-agent Spatial Dynamics. *Lecture Notes in Computer Science*, **2017**, 577-587 0.9
- 36 Neuronal Electrical Behavior Modeling of Solar Panels. *Lecture Notes in Computer Science*, **2017**, 554-564 0.9
- 35 Agent-Based Spatial Dynamics Explaining Sustained Opinion Survival. *Lecture Notes in Computer Science*, **2017**, 137-146 0.9
- 34 Towards Hospitalization After Readmission Risk Prediction Using ELMs. *Lecture Notes in Computer Science*, **2017**, 384-393 0.9
- 33 Automated Segmentation of Visceral Adiposity in MRI in Obese Children. *Advances in Intelligent Systems and Computing*, **2018**, 386-392 0.4
- 32 An Ensemble of Weak Classifiers for Pattern Recognition in Motion Capture Clouds of Points. *Advances in Intelligent Systems and Computing*, **2018**, 201-210 0.4
- 31 Review of Hybridizations of Kalman Filters with Fuzzy and Neural Computing for Mobile Robot Navigation. *Lecture Notes in Computer Science*, **2009**, 121-128 0.9
- 30 Bayesian Reflectance Component Separation. *Lecture Notes in Computer Science*, **2009**, 846-852 0.9
- 29 On the Control of a Multi-robot System for the Manipulation of an Elastic Hose. *Lecture Notes in Computer Science*, **2009**, 382-389 0.9
- 28 Experiments on Robotic Multi-agent System for Hose Deployment and Transportation. *Advances in Intelligent and Soft Computing*, **2010**, 573-580
- 27 Percolating Swarm Dynamics. *Lecture Notes in Computer Science*, **2010**, 538-545 0.9

- 26 Exploration of LICA Detections in Resting State fMRI. *Lecture Notes in Computer Science*, **2011**, 104-111 0.9
- 25 Cross-Lingual Approaches: The Basque Case. *Advances in Intelligent and Soft Computing*, **2011**, 485-493
- 24 Further Results on Alzheimer Disease Detection on Structural MRI Features. *Advances in Intelligent and Soft Computing*, **2011**, 515-522
- 23 Experiments for the Selection of Sub-Word Units in the Basque Context. *Advances in Intelligent and Soft Computing*, **2011**, 495-504
- 22 Experiments on Lattice Independent Component Analysis for Face Recognition. *Lecture Notes in Computer Science*, **2011**, 286-294 0.9
- 21 A Hybrid System for Survival Analysis after EVAR Treatment of AAA. *Lecture Notes in Computer Science*, **2011**, 344-351 0.9
- 20 A Geometrical Method of Diffuse and Specular Image Components Separation. *Lecture Notes in Computer Science*, **2011**, 83-89 0.9
- 19 Language Identification for Under-Resourced Languages in the Basque Context. *Advances in Intelligent and Soft Computing*, **2011**, 475-483
- 18 An Empirical Comparison of Some Approximate Methods for Graph Coloring. *Lecture Notes in Computer Science*, **2012**, 600-609 0.9
- 17 Hybrid Computational Methods for Hyperspectral Image Analysis. *Lecture Notes in Computer Science*, **2012**, 424-435 0.9
- 16 Vascular Section Estimation in Medical Images Using Combined Feature Detection and Evolutionary Optimization. *Lecture Notes in Computer Science*, **2012**, 503-513 0.9
- 15 A Hybrid Gradient for n-Dimensional Images through Hyperspherical Coordinates. *Lecture Notes in Computer Science*, **2012**, 404-415 0.9
- 14 A Robust Color Watershed Transformation and Image Segmentation Defined on RGB Spherical Coordinates **2013**, 112-128
- 13 Cocaine Dependent Classification on MRI Data Extracting Features from Voxel Based Morphometry. *Lecture Notes in Computer Science*, **2013**, 140-148 0.9
- 12 Diagnosis of Bipolar Disorder Based on Principal Component Analysis and SVM. *Advances in Intelligent Systems and Computing*, **2013**, 569-578 0.4
- 11 Enhancing Active Learning Computed Tomography Image Segmentation with Domain Knowledge. *Lecture Notes in Computer Science*, **2013**, 491-499 0.9
- 10 Discrimination of Resting-State fMRI for Schizophrenia Patients with Lattice Computing Based Features. *Lecture Notes in Computer Science*, **2013**, 482-490 0.9
- 9 Visual Detection in Linked Multi-Component Robotic Systems **2013**, 78-97

8	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
7	Experiments on Trust Prediction Based on Reputation Features. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 367-374	0.4
6	Experience-Based Electronic Health Records. <i>Cybernetics and Systems</i> , <b>2016</b> , 47, 126-139	1.9
5	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
4	A Short Review of Recent ELM Applications. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 3-12	0.3
3	Hygehos Home: an innovative remote follow-up system for chronic patients. <i>Studies in Health Technology and Informatics</i> , <b>2014</b> , 207, 261-70	0.5
2	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
1	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