

# Domingo LÃ³pez-RodrÃ­guez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2477140/publications.pdf>

Version: 2024-02-01

30  
papers

147  
citations

1478505

6  
h-index

1199594

12  
g-index

36  
all docs

36  
docs citations

36  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Resolution of 3D Magnetic Resonance Images of the Brain. , 2022, , 157-176.		0
2	Simplifying Implications with Positive and Negative Attributes: A Logic-Based Approach. Mathematics, 2022, 10, 607.	2.2	4
3	Computing theÂMixed Concept Lattice. Communications in Computer and Information Science, 2022, , 87-99.	0.5	1
4	Clustering and Identification of Core Implications. Lecture Notes in Computer Science, 2021, , 138-154.	1.3	0
5	A conversational recommender system for diagnosis using fuzzy rules. Expert Systems With Applications, 2020, 154, 113449.	7.6	23
6	Multivalued Neural Network for Graph MaxCut Problem. , 2019, , 375-378.		2
7	Energy-aware acceleration on GPUs: Findings on a bioinformatics benchmark. Sustainable Computing: Informatics and Systems, 2018, 20, 88-101.	2.2	1
8	A New Multivalued Neural Network for Isomorphism Identification of Kinematic Chains. Journal of Computing and Information Science in Engineering, 2010, 10, .	2.7	16
9	Probabilistic PCA Self-Organizing Maps. IEEE Transactions on Neural Networks, 2009, 20, 1474-1489.	4.2	33
10	Shortest Common Superstring Problem with Discrete Neural Networks. Lecture Notes in Computer Science, 2009, , 62-71.	1.3	1
11	Growing Competitive Network for Tracking Objects in Video Sequences. Lecture Notes in Computer Science, 2009, , 109-118.	1.3	0
12	Hierarchical Graphs for Data Clustering. Lecture Notes in Computer Science, 2009, , 432-439.	1.3	0
13	An Approach to Artificial Concept Learning Based on Human Concept Learning by Using Artificial Neural Networks. , 2009, , 130-145.		0
14	Drawing Graphs in Parallel Lines with Artificial Neural Networks. , 2008, , .		0
15	Video Object Segmentation with Multivalued Neural Networks. , 2008, , .		9
16	A Dipolar Competitive Neural Network for Video Segmentation. Lecture Notes in Computer Science, 2008, , 103-112.	1.3	4
17	Robust Nonparametric Probability Density Estimation by Soft Clustering. Lecture Notes in Computer Science, 2008, , 155-164.	1.3	0
18	Improving Neural Networks for Mechanism Kinematic Chain Isomorphism Identification. Neural Processing Letters, 2007, 26, 133-143.	3.2	21

#	ARTICLE	IF	CITATIONS
19	Improved Production of Competitive Learning Rules with an Additional Term for Vector Quantization. Lecture Notes in Computer Science, 2007, , 461-469.	1.3	2
20	A Study into the Improvement of Binary Hopfield Networks for Map Coloring. Lecture Notes in Computer Science, 2007, , 98-106.	1.3	4
21	Self-organization of Probabilistic PCA Models. Lecture Notes in Computer Science, 2007, , 211-218.	1.3	1
22	Automatic Model Selection for Probabilistic PCA. Lecture Notes in Computer Science, 2007, , 127-134.	1.3	0
23	Two Pages Graph Layout Via Recurrent Multivalued Neural Networks. , 2007, , 194-202.		1
24	Stochastic Functional Annealing as Optimization Technique: Application to the Traveling Salesman Problem with Recurrent Networks. Lecture Notes in Computer Science, 2007, , 397-411.	1.3	0
25	Image Compression with Competitive Networks and Pre-fixed Prototypes. , 2007, , 339-346.		0
26	Image Compression by Vector Quantization with Recurrent Discrete Networks. Lecture Notes in Computer Science, 2006, , 595-605.	1.3	6
27	Local Selection of Model Parameters in Probability Density Function Estimation. Lecture Notes in Computer Science, 2006, , 292-301.	1.3	0
28	Hebbian Iterative Method for Unsupervised Clustering with Automatic Detection of the Number of Clusters with Discrete Recurrent Networks. Lecture Notes in Computer Science, 2006, , 241-250.	1.3	0
29	Graph Partitioning via Recurrent Multivalued Neural Networks. Lecture Notes in Computer Science, 2005, , 1149-1156.	1.3	9
30	A Pedagogical Simulation of Maxwell's Demon Paradox. Journal of Chemical Education, 2004, 81, 1679.	2.3	2