

Ana E Delgado GarcÃ-a

List of Publications by Year in descending order

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34
papers

443
citations

759233

12
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual surveillance by dynamic visual attention method. Pattern Recognition, 2006, 39, 2194-2211.	8.1	64
2	Spatio-temporal shape building from image sequences using lateral interaction in accumulative computation. Pattern Recognition, 2003, 36, 1131-1142.	8.1	40
3	Motion features to enhance scene segmentation in active visual attention. Pattern Recognition Letters, 2006, 27, 469-478.	4.2	36
4	Lateral interaction in accumulative computation: a model for motion detection. Neurocomputing, 2003, 50, 341-364.	5.9	35
5	Knowledge modelling for the motion detection task: the algorithmic lateral inhibition method. Expert Systems With Applications, 2004, 27, 169-185.	7.6	34
6	On motion detection through a multi-layer neural network architecture. Neural Networks, 2003, 16, 205-222.	5.9	32
7	Dynamic visual attention model in image sequences. Image and Vision Computing, 2007, 25, 597-613.	4.5	32
8	Algorithmic lateral inhibition method in dynamic and selective visual attention task: Application to moving objects detection and labelling. Expert Systems With Applications, 2006, 31, 570-594.	7.6	24
9	A Neurocybernetic Model of Modal Cooperative Decisions in the Kilmer-McCulloch Space. Kybernetes, 1989, 18, 48-57.	2.2	21
10	Real-time motion detection by lateral inhibition in accumulative computation. Engineering Applications of Artificial Intelligence, 2010, 23, 129-139.	8.1	20
11	The fuzzy paradigm for knowledge representation in cerebral dynamics. Fuzzy Sets and Systems, 1987, 23, 315-330.	2.7	19
12	Modelling the Stereovision-Correspondence-Analysis task by Lateral Inhibition in Accumulative Computation problem-solving method. Expert Systems With Applications, 2007, 33, 955-967.	7.6	12
13	A historical perspective of algorithmic lateral inhibition and accumulative computation in computer vision. Neurocomputing, 2011, 74, 1175-1181.	5.9	11
14	Knowledge modeling through computational agents: application to surveillance systems. Expert Systems, 2011, 28, 306-323.	4.5	10
15	A LOGICAL MODEL OF CO-OPERATIVE PROCESSES IN CEREBRAL DYNAMICS. Cybernetics and Systems, 1987, 18, 319-349.	2.5	6
16	Neural modeling in cerebral dynamics. BioSystems, 2003, 71, 133-144.	2.0	6
17	A conceptual frame with two neural mechanisms to model selective visual attention processes. Neurocomputing, 2008, 71, 704-720.	5.9	6
18	Accumulative Computation Method for Motion Features Extraction in Active Selective Visual Attention. Lecture Notes in Computer Science, 2005, , 206-215.	1.3	6

#	ARTICLE	IF	CITATIONS
19	A Model of Neural Inspiration for Local Accumulative Computation. Lecture Notes in Computer Science, 2003, , 427-435.	1.3	6
20	What Can We Compute with Lateral Inhibition Circuits?. Lecture Notes in Computer Science, 2001, , 38-46.	1.3	5
21	Fuzzy specification in data capture and knowledge representation for an expert system in ecology. Fuzzy Sets and Systems, 1991, 44, 431-448.	2.7	3
22	Neurally Inspired Mechanisms for the Dynamic Visual Attention Map Generation Task. Lecture Notes in Computer Science, 2003, , 694-701.	1.3	3
23	ALGORITHMIC LATERAL INHIBITION AS A GENERIC METHOD FOR VISUAL INFORMATION PROCESSING WITH POTENTIAL APPLICATIONS IN ROBOTICS. , 2002, , .		3
24	Motion-Based Stereovision Method with Potential Utility in Robot Navigation. Lecture Notes in Computer Science, 2005, , 16-25.	1.3	2
25	Accelerating bioinspired lateral interaction in accumulative computation for real-time moving object detection with graphics processing units. Natural Computing, 2019, 18, 217-227.	3.0	2
26	A computational frame to study social behaviour in animals. International Journal of Bio-medical Computing, 1986, 19, 201-218.	0.5	1
27	LOCAL LEARNING IN NETWORKS OF UNIVERSAL ANALOGIC NEURONS. Cybernetics and Systems, 1994, 25, 259-273.	2.5	1
28	Algorithmic Lateral Inhibition Formal Model for Real-Time Motion Detection. , 2007, , 638-645.		1
29	Computational Agents to Model Knowledge - Theory, and Practice in Visual Surveillance. Lecture Notes in Computer Science, 2009, , 375-385.	1.3	1
30	DIAGEN-WebDB: A Connectionist Approach to Medical Knowledge Representation and Inference. Lecture Notes in Computer Science, 2001, , 772-782.	1.3	1
31	Sensory representation spaces in neuroscience and computation. Neurocomputing, 2009, 72, 793-805.	5.9	0
32	Permanency Memories in Scene Depth Analysis. Lecture Notes in Computer Science, 2005, , 531-536.	1.3	0
33	Lateral Interaction in Accumulative Computation: Motion-Based Grouping Method. Lecture Notes in Computer Science, 2005, , 396-405.	1.3	0
34	The Underlying Formal Model of Algorithmic Lateral Inhibition in Motion Detection. Lecture Notes in Computer Science, 2007, , 119-129.	1.3	0