

Rolf Pp WÃ¼rtz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5822445/publications.pdf>

Version: 2024-02-01

57
papers

2,569
citations

516215

16
h-index

276539

41
g-index

60
all docs

60
docs citations

60
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Distortion invariant object recognition in the dynamic link architecture. IEEE Transactions on Computers, 1993, 42, 300-311.	2.4	1,430
2	A sensor for dynamic tactile information with applications in human-robot interaction and object exploration. Robotics and Autonomous Systems, 2006, 54, 1005-1014.	3.0	134
3	Object recognition robust under translations, deformations, and changes in background. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 769-775.	9.7	103
4	A Novel Approach to the Detection of Acromegaly: Accuracy of Diagnosis by Automatic Face Classification. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2074-2080.	1.8	92
5	Genetic determination of human facial morphology: links between cleft-lips and normal variation. European Journal of Human Genetics, 2011, 19, 1192-1197.	1.4	89
6	Syndrome identification based on 2D analysis software. European Journal of Human Genetics, 2006, 14, 1082-1089.	1.4	77
7	Computer-based recognition of dysmorphic faces. European Journal of Human Genetics, 2003, 11, 555-560.	1.4	68
8	Tracking facial feature points with Gabor wavelets and shape models. Lecture Notes in Computer Science, 1997, , 35-42.	1.0	56
9	Face authentication test on the BANCA database. , 2004, , .		51
10	Corner detection in color images through a multiscale combination of end-stopped cortical cells. Image and Vision Computing, 2000, 18, 531-541.	2.7	49
11	GripSee: A Gesture-Controlled Robot for Object Perception and Manipulation. Autonomous Robots, 1999, 6, 203-221.	3.2	46
12	Automated syndrome detection in a set of clinical facial photographs. American Journal of Medical Genetics, Part A, 2011, 155, 2161-2169.	0.7	38
13	Impact of geometry and viewing angle on classification accuracy of 2D based analysis of dysmorphic faces. European Journal of Medical Genetics, 2008, 51, 44-53.	0.7	29
14	Automatic Face Classification of Cushing's Syndrome in Women - A Novel Screening Approach. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, 561-564.	0.6	25
15	On the performance of neuronal matching algorithms. Neural Networks, 1999, 12, 127-134.	3.3	21
16	Learning the Gestalt Rule of Collinearity from Object Motion. Neural Computation, 2003, 15, 1865-1896.	1.3	20
17	Corner detection in color images by multiscale combination of end-stopped cortical cells. Lecture Notes in Computer Science, 1997, , 901-906.	1.0	15
18	FACE DETECTION AND RECOGNITION USING MAXIMUM LIKELIHOOD CLASSIFIERS ON GABOR GRAPHS. International Journal of Pattern Recognition and Artificial Intelligence, 2009, 23, 433-461.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Face Recognition with Disparity Corrected Gabor Phase Differences. Lecture Notes in Computer Science, 2012, , 411-418.	1.0	13
20	Learning invariant face recognition from examples. Neural Networks, 2013, 41, 137-146.	3.3	12
21	Computer Vision Technology in the Differential Diagnosis of Cushing's Syndrome. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 685-690.	0.6	12
22	Combining Feature- and Correspondence-Based Methods for Visual Object Recognition. Neural Computation, 2009, 21, 1952-1989.	1.3	9
23	Classification and Visualization Based on Derived Image Features: Application to Genetic Syndromes. PLoS ONE, 2014, 9, e109033.	1.1	9
24	Image Representation by Complex Cell Responses. Neural Computation, 2004, 16, 2563-2575.	1.3	8
25	Learning invariant object recognition from temporal correlation in a hierarchical network. Neural Networks, 2014, 54, 70-84.	3.3	8
26	Feature-Driven Emergence of Model Graphs for Object Recognition and Categorization. Studies in Computational Intelligence, 2008, , 155-199.	0.7	8
27	Efficient evaluation of serial sections by iterative Gabor matching. Journal of Neuroscience Methods, 2001, 111, 141-150.	1.3	7
28	EXTRACTION AND MATCHING OF SYMBOLIC CONTOUR GRAPHS. International Journal of Pattern Recognition and Artificial Intelligence, 2003, 17, 1279-1302.	0.7	7
29	Similarity Rank Correlation for Face Recognition Under Unenrolled Pose. Lecture Notes in Computer Science, 2007, , 67-76.	1.0	7
30	Unsupervised learning of human body parts from video footage. , 2009, , .		6
31	Organic Computing Methods for Face Recognition (Methoden des Organic Computing zur Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	6
32	A Flexible Object Model for Recognising and Synthesising Facial Expressions. Lecture Notes in Computer Science, 2005, , 81-90.	1.0	5
33	Reconstruction of images from Gabor graphs with applications in facial image processing. International Journal of Wavelets, Multiresolution and Information Processing, 2015, 13, 1550019.	0.9	5
34	Image Reconstruction from Gabor Magnitudes. Lecture Notes in Computer Science, 2002, , 117-126.	1.0	5
35	Learning to Look at Humans " What Are the Parts of a Moving Body?. Lecture Notes in Computer Science, 2008, , 22-31.	1.0	5
36	Learning from Examples to Generalize over Pose and Illumination. Lecture Notes in Computer Science, 2009, , 643-652.	1.0	5

#	ARTICLE	IF	CITATIONS
37	Emergent Graphs with PCA-features for Improved Face Recognition. AIP Conference Proceedings, 2006, , .	0.3	4
38	Macrocolumns as Decision Units. Lecture Notes in Computer Science, 2002, , 57-62.	1.0	4
39	Learning the Topology of Object Views. Lecture Notes in Computer Science, 2002, , 747-760.	1.0	3
40	Using Growing Neural Gas Networks to Represent Visual Object Knowledge. , 2009, , .		3
41	Self-organized Evaluation of Dynamic Hand Gestures for Sign Language Recognition. Understanding Complex Systems, 2009, , 321-342.	0.3	3
42	Evolutionary optimization of growing neural gas parameters for object categorization and recognition. , 2010, , .		2
43	Learning Generic Human Body Models. Lecture Notes in Computer Science, 2010, , 98-107.	1.0	2
44	Learning to Look at Humans. , 2011, , 309-322.		2
45	Organic Computing for Video Analysis. , 2007, , .		1
46	Autonomous learning of a human body model. , 2011, , .		1
47	Cue Integration by Similarity Rank List Coding - Application to Invariant Object Recognition. , 2017, , .		1
48	Introduction: Organic Computing. Understanding Complex Systems, 2009, , 1-6.	0.3	1
49	Context dependent feature groups, a proposal for object representation. Behavioral and Brain Sciences, 1997, 20, 702-703.	0.4	0
50	Gossiping Nets. Artificial Intelligence, 2000, 119, 295-299.	3.9	0
51	Organic Computing for Video Analysis. , 2007, , .		0
52	Two Kinds of Statistics for Better Face Recognition. , 2010, , .		0
53	Unsupervised construction of human body models. Cognitive Systems Research, 2018, 47, 68-84.	1.9	0
54	Vision and Touch for Grasping. Lecture Notes in Computer Science, 2002, , 74-86.	1.0	0

#	ARTICLE	IF	CITATIONS
55	Optimising strategies for face classification in the detection of acromegaly. Endocrine Abstracts, 0, , .	0.0	0
56	Extracting Symbols from the Environment â€” The Concept of Correspondence-Based Object Recognition. Informatik Aktuell, 1998, , 107-116.	0.4	0
57	Image Segmentation by a Network of Cortical Macrocolumns with Learned Connection Weights. International Federation for Information Processing, 2008, , 177-186.	0.4	0