Andrew Peter Paplinski

List of Publications by Year
in descending order

		1306789	940134
24 papers	1,017 citations	7 h-index	16 g-index
28 all docs	28 docs citations	28 times ranked	727 citing authors

#	Article	IF	Citations
1	Dual Focal Loss to address class imbalance in semantic segmentation. Neurocomputing, 2021, 462, 69-87.	3.5	32
2	Self-organization on a Sphere with Application to Topological Ordering of Chinese Characters. Lecture Notes in Computer Science, 2016, , 452-459.	1.0	0
3	Predicting segmentation errors in an iris recognition system. , 2015, , .		2
4	Transferring knowledge between learning systems. , 2014, , .		1
5	A Self-organized artificial neural network architecture that generates the McGurk effect. , 2014, , .		1
6	Robust Video Based Iris Segmentation System in Less Constrained Environments. , 2013, , .		5
7	Automated Selection of Optimal Frames in NIR Iris Videos. , 2013, , .		3
8	Bimodal Incremental Self-Organizing Network (BiSON) with Application to Learning Chinese Characters. Lecture Notes in Computer Science, 2013, , 121-128.	1.0	3
9	A comparative evaluation of the Generative Topographic Mapping and the Elastic Net for the formation of Ocular Dominance stripes. , 2012, , .		2
10	Rotation-invariant categorization of colour images using the Radon transform. , 2012, , .		4
11	Model-based pupil and iris localization. , 2012, , .		5
12	Incremental Self-Organizing Map (iSOM) in Categorization of Visual Objects. Lecture Notes in Computer Science, 2012, , 125-132.	1.0	6
13	The Elastic Net as Visual Category Representation: Visualisation and Classification. Lecture Notes in Computer Science, 2012, , 133-140.	1.0	0
14	A Self-Organized Artificial Neural Network Architecture for Sensory Integration with Applications to Letter-Phoneme Integration. Neural Computation, 2011, 23, 2101-2139.	1.3	15
15	Rotation Invariant Categorization of Visual Objects Using Radon Transform and Self-Organizing Modules. Lecture Notes in Computer Science, 2010, , 360-366.	1.0	6
16	Speaker-dependent Bimodal Integration of Chinese Phonemes and Letters Using Multimodal Self-organizing Networks. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	9
17	Active Appearance Models for Automatic Fitting of 3D Morphable Models. , 2006, , .		5
18	Feedback in Multimodal Self-organizing Networks Enhances Perception of Corrupted Stimuli. Lecture Notes in Computer Science, 2006, , 19-28.	1.0	5

#	Article	IF	Citations
19	Self-Organization of an Artificial Neural Network Subjected to Attention Shift Impairments and Familiarity Preference, Characteristics Studied in Autism. Journal of Autism and Developmental Disorders, 2004, 34, 189-198.	1.7	36
20	Still image compression with lattice quantization in wavelet domain. Advances in Imaging and Electron Physics, 2001, , 55-121.	0.1	1
21	Lattice Vector Quantization for Wavelet-Based Image Coding. Advances in Imaging and Electron Physics, 1999, , 199-263.	0.1	1
22	Directional filtering in edge detection. IEEE Transactions on Image Processing, 1998, 7, 611-615.	6.0	39
23	Image Coding throughDLattice Quantization of Wavelet Coefficients. Graphical Models, 1997, 59, 193-204.	1.4	8
24	A robust MIMO terminal sliding mode control scheme for rigid robotic manipulators. IEEE Transactions on Automatic Control, 1994, 39, 2464-2469.	3.6	808