

Hyeran Byun

List of Publications by Year in descending order

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all docs

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73
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-subject Contrastive Learning for Subject Adaptive EEG-based Visual Recognition. , 2022, , .		5
2	Subject Adaptive EEG-Based Visual Recognition. Lecture Notes in Computer Science, 2022, , 322-334.	1.3	0
3	WeatherGAN: Unsupervised multi-weather image-to-image translation via single content-preserving UResNet generator. Multimedia Tools and Applications, 2022, 81, 40269-40288.	3.9	4
4	Exploiting domain transferability for collaborative inter-level domain adaptive object detection. Expert Systems With Applications, 2022, , 117697.	7.6	0
5	The feature generator of hard negative samples for fine-grained image recognition. Neurocomputing, 2021, 439, 374-382.	5.9	5
6	Localization-Aware Adaptive Pairwise Margin Loss for Fine-Grained Image Recognition. IEEE Access, 2021, 9, 8786-8796.	4.2	7
7	ArrowGAN : Learning to generate videos by learning Arrow of Time. Neurocomputing, 2021, 438, 223-234.	5.9	3
8	Zero-shot learning with self-supervision by shuffling semantic embeddings. Neurocomputing, 2021, 437, 1-8.	5.9	7
9	Contrastive and consistent feature learning for weakly supervised object localization and semantic segmentation. Neurocomputing, 2021, 445, 244-254.	5.9	4
10	Sequence feature generation with temporal unrolling network for zero-shot action recognition. Neurocomputing, 2021, 448, 313-323.	5.9	5
11	Learning CNN features from DE features for EEG-based emotion recognition. Pattern Analysis and Applications, 2020, 23, 1323-1335.	4.6	79
12	Unseen image generating domain-free networks for generalized zero-shot learning. Neurocomputing, 2020, 411, 67-77.	5.9	3
13	Fair-VQA: Fairness-Aware Visual Question Answering Through Sensitive Attribute Prediction. IEEE Access, 2020, 8, 215091-215099.	4.2	5
14	Unsupervised Image-to-Image Translation Via Fair Representation of Gender Bias. , 2020, , .		3
15	Selective residual learning for Visual Question Answering. Neurocomputing, 2020, 402, 366-374.	5.9	15
16	Exploiting hierarchical visual features for visual question answering. Neurocomputing, 2019, 351, 187-195.	5.9	8
17	Contextual Action Cues from Camera Sensor for Multi-Stream Action Recognition. Sensors, 2019, 19, 1382.	3.8	12
18	Exploiting Web Images for Video Highlight Detection With Triplet Deep Ranking. IEEE Transactions on Multimedia, 2018, 20, 2415-2426.	7.2	17

#	ARTICLE	IF	CITATIONS
19	Detecting Construction Equipment Using a Region-Based Fully Convolutional Network and Transfer Learning. Journal of Computing in Civil Engineering, 2018, 32, .	4.7	160
20	Face Identification for an in-vehicle Surveillance System Using Near Infrared Camera. , 2018, , .		3
21	Discovering overlooked objects: Context-based boosting of object detection in indoor scenes. Pattern Recognition Letters, 2017, 86, 56-61.	4.2	6
22	Real-time traffic sign recognition based on a general purpose GPU and deep-learning. PLoS ONE, 2017, 12, e0173317.	2.5	49
23	Multi-view 3D reconstruction by random-search and propagation with view-dependent patch maps. Multimedia Tools and Applications, 2016, 75, 16597-16614.	3.9	0
24	A Space-Time Graph Optimization Approach Based on Maximum Cliques for Action Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 661-672.	8.3	11
25	Vehicle License Plate Detection in Road Images. Journal of KIISE, 2016, 43, 186-195.	0.1	2
26	Recognition of Symbolic Road Marking using HOG-SP and Improved Lane Detection. Journal of Broadcast Engineering, 2016, 21, 87-96.	0.1	0
27	Lower Tail Light Learning-based Forward Vehicle Detection System Irrelevant to the Vehicle Types. Journal of Broadcast Engineering, 2016, 21, 609-620.	0.1	2
28	An Illumination Invariant Traffic Sign Recognition in the Driving Environment for Intelligence Vehicles. Journal of KIISE, 2015, 42, 203-212.	0.1	1
29	Method to improve efficiency of human detection using scalemap. Electronics Letters, 2014, 50, 265-267.	1.0	4
30	Face Recognition Based on Facial Landmark Feature Descriptor in Unconstrained Environments. Journal of KIISE, 2014, 41, 666-673.	0.1	1
31	Recognizing human-human interaction activities using visual and textual information. Pattern Recognition Letters, 2013, 34, 1840-1848.	4.2	6
32	Generating panorama image by synthesizing multiple homography. , 2012, , .		5
33	Service-oriented architecture based on biometric using random features and incremental neural networks. Soft Computing, 2012, 16, 1539-1553.	3.6	8
34	Color and shape feature-based detection of speed sign in real-time. , 2012, , .		3
35	Incremental face recognition for large-scale social network services. Pattern Recognition, 2012, 45, 2868-2883.	8.1	44
36	Dynamic curve color model for image matting. Pattern Recognition Letters, 2012, 33, 920-933.	4.2	1

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37	Human interaction recognition in YouTube videos. , 2011, , .		4
38	An efficient incremental face annotation for large scale web services. Telecommunication Systems, 2011, 47, 197-214.	2.5	5
39	Realtime training on mobile devices for face recognition applications. Pattern Recognition, 2011, 44, 386-400.	8.1	54
40	Plot preservation approach for video summarization. , 2011, , .		1
41	Coarse-to-Fine Particle Filter by Implicit Motion Estimation for 3D Head Tracking on Mobile Devices. , 2010, , .		1
42	Adaptive Color Curve Models for Image Matting. , 2010, , .		0
43	Temporal gradient pattern for the near-duplicate video clustering. , 2010, , .		1
44	Human tracking and silhouette extraction for human-robot interaction systems. Pattern Analysis and Applications, 2009, 12, 167-177.	4.6	15
45	Fast gradient-based mesh generation method for the stereo image representation. , 2009, , .		0
46	Object-Wise Multilayer Background Ordering for Public Area Surveillance. , 2009, , .		8
47	Multi Subspaces Active Appearance Models. , 2008, , .		1
48	An efficient and accurate hierarchical ICIA fitting method for 3D Morphable Models. , 2008, , .		0
49	Multi-resolution 3D morphable models and its matching method. , 2008, , .		3
50	Feature extraction method based on cascade noise elimination for sketch recognition. , 2008, , .		0
51	Curve fitting algorithm using iterative error minimization for sketch beautification. , 2008, , .		2
52	A fast image retrieval system using index lookup table on mobile device. , 2008, , .		2
53	Non-static backgrounds modeling including high traffic regions. , 2008, , .		2
54	Salient human detection for robot vision. Pattern Analysis and Applications, 2007, 10, 291-299.	4.6	7

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55	Efficient Measurement of Eye Blinking under Various Illumination Conditions for Drowsiness Detection Systems. , 2006, , .		16
56	A Combination of Generative and Discriminative Approaches to Object Detection. , 2006, , .		0
57	Face Alignment Using Segmentation and a Combined AAM in a PTZ Camera. , 2006, , .		0
58	Robust Object Segmentation Using Graph Cut with Object and Background Seed Estimation. , 2006, , .		2
59	SVM-based salient region(s) extraction method for image retrieval. , 2004, , .		7
60	N-division output coding method applied to face recognition. Pattern Recognition Letters, 2003, 24, 3115-3123.	4.2	3
61	A new face authentication system for memory-constrained devices. IEEE Transactions on Consumer Electronics, 2003, 49, 1214-1222.	3.6	28
62	REAL-TIME PEDESTRIAN DETECTION USING SUPPORT VECTOR MACHINES. International Journal of Pattern Recognition and Artificial Intelligence, 2003, 17, 405-416.	1.2	18
63	Automatic generation of structured hyperdocuments from document images. Pattern Recognition, 2002, 35, 485-503.	8.1	4
64	Query-by-Gesture: An Alternative Content-Based Image Retrieval Query Scheme. Journal of Visual Languages and Computing, 2002, 13, 375-390.	1.8	7
65	A new content-based image retrieval system using hand gesture and relevance feedback. , 2001, , .		0
66	Blending video with synthetic images created from matched viewing environments. Pattern Recognition, 2001, 34, 2569-2572.	8.1	0
67	Region-based Image Retrieval Using Probabilistic Feature Relevance Learning. Pattern Analysis and Applications, 2001, 4, 174-184.	4.6	26
68	A mixed environment for tele-meeting between real and virtual human. , 0, , .		0
69	Region-based image retrieval system using efficient feature description. , 0, , .		12
70	Integrated region-based image retrieval using region's spatial relationships. , 0, , .		10
71	Probabilistic neural networks supporting multi-class relevance feedback in region-based image retrieval. , 0, , .		2
72	Various decomposition methods applied to face recognition. , 0, , .		1

#	ARTICLE	IF	CITATIONS
73	Empirical remarks on output coding methods for face recognition. , 0, , .		0