

Soo-Hyung Kim

List of Publications by Year in descending order

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60
papers

780
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516710

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all docs

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docs citations

60
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Facial Expression Recognition Using a Temporal Ensemble of Multi-Level Convolutional Neural Networks. IEEE Transactions on Affective Computing, 2022, 13, 226-237.	8.3	36
2	The Efficacy of Shape Radiomics and Deep Features for Glioblastoma Survival Prediction by Deep Learning. Electronics (Switzerland), 2022, 11, 1038.	3.1	1
3	Korean video dataset for emotion recognition in the wild. Multimedia Tools and Applications, 2021, 80, 9479-9492.	3.9	15
4	Real-time virtual mouse system using RGB-D images and fingertip detection. Multimedia Tools and Applications, 2021, 80, 10473-10490.	3.9	20
5	Context-Aware Emotion Recognition Based on Visual Relationship Detection. IEEE Access, 2021, 9, 90465-90474.	4.2	17
6	D2C-Based Hybrid Network for Predicting Group Cohesion Scores. IEEE Access, 2021, 9, 84356-84363.	4.2	2
7	Deep Graph Fusion Based Multimodal Evoked Expressions From Large-Scale Videos. IEEE Access, 2021, 9, 127068-127080.	4.2	0
8	Deep neural network-based fusion model for emotion recognition using visual data. Journal of Supercomputing, 2021, 77, 10773-10790.	3.6	27
9	Context-Aware Emotion Recognition in the Wild Using Spatio-Temporal and Temporal-Pyramid Models. Sensors, 2021, 21, 2344.	3.8	3
10	End-to-End Learning for Multimodal Emotion Recognition in Video With Adaptive Loss. IEEE MultiMedia, 2021, 28, 59-66.	1.7	1
11	Multi-Level Seg-UNet Model with Global and Patch-Based X-ray Images for Knee Bone Tumor Detection. Diagnostics, 2021, 11, 691.	2.6	23
12	Survival time prediction by integrating cox proportional hazards network and distribution function network. BMC Bioinformatics, 2021, 22, 192.	2.6	9
13	Multi-Task Learning for Medical Image Inpainting Based on Organ Boundary Awareness. Applied Sciences (Switzerland), 2021, 11, 4247.	2.5	7
14	Skin Lesion Segmentation by U-Net with Adaptive Skip Connection and Structural Awareness. Applied Sciences (Switzerland), 2021, 11, 4528.	2.5	24
15	3D Skeletal Joints-Based Hand Gesture Spotting and Classification. Applied Sciences (Switzerland), 2021, 11, 4689.	2.5	6
16	Age estimation based on 3D post-mortem computed tomography images of mandible and femur using convolutional neural networks. PLoS ONE, 2021, 16, e0251388.	2.5	11
17	Survival Prediction of Lung Cancer Using Small-Size Clinical Data with a Multiple Task Variational Autoencoder. Electronics (Switzerland), 2021, 10, 1396.	3.1	8
18	Stress Analysis with Dimensions of Valence and Arousal in the Wild. Applied Sciences (Switzerland), 2021, 11, 5194.	2.5	3

#	ARTICLE	IF	CITATIONS
19	EEG-Based Emotion Recognition by Convolutional Neural Network with Multi-Scale Kernels. Sensors, 2021, 21, 5092.	3.8	18
20	Esophagus Segmentation in CT Images via Spatial Attention Network and STAPLE Algorithm. Sensors, 2021, 21, 4556.	3.8	6
21	Effects of Multiple Filters on Liver Tumor Segmentation From CT Images. Frontiers in Oncology, 2021, 11, 697178.	2.8	4
22	Multi-Task Learning for Small Brain Tumor Segmentation from MRI. Applied Sciences (Switzerland), 2020, 10, 7790.	2.5	23
23	Pyramid With Super Resolution for In-the-Wild Facial Expression Recognition. IEEE Access, 2020, 8, 131988-132001.	4.2	85
24	Semantic Segmentation of the Eye With a Lightweight Deep Network and Shape Correction. IEEE Access, 2020, 8, 131967-131974.	4.2	0
25	Enhancing U-Net with Spatial-Channel Attention Gate for Abnormal Tissue Segmentation in Medical Imaging. Applied Sciences (Switzerland), 2020, 10, 5729.	2.5	57
26	Gesture Recognition Based on 3D Human Pose Estimation and Body Part Segmentation for RGB Data Input. Applied Sciences (Switzerland), 2020, 10, 6188.	2.5	12
27	Self-Supervised Learning Based on Spatial Awareness for Medical Image Analysis. IEEE Access, 2020, 8, 162973-162981.	4.2	20
28	Image Colorization Using the Global Scene-Context Style and Pixel-Wise Semantic Segmentation. IEEE Access, 2020, 8, 214098-214114.	4.2	12
29	Distance Error Correction in Time-of-Flight Cameras Using Asynchronous Integration Time. Sensors, 2020, 20, 1156.	3.8	3
30	Multimodal Approach of Speech Emotion Recognition Using Multi-Level Multi-Head Fusion Attention-Based Recurrent Neural Network. IEEE Access, 2020, 8, 61672-61686.	4.2	80
31	Real-Time Hand Gesture Spotting and Recognition Using RGB-D Camera and 3D Convolutional Neural Network. Applied Sciences (Switzerland), 2020, 10, 722.	2.5	57
32	MLEU. , 2020, , .		2
33	Multimodality Pain and related Behaviors Recognition based on Attention Learning. , 2020, , .		1
34	Affective Expression Analysis in-the-wild using Multi-Task Temporal Statistical Deep Learning Model. , 2020, , .		7
35	Group-level Cohesion Prediction using Deep Learning Models with A Multi-stream Hybrid Network. , 2019, , .		4
36	A 3d Face Modeling Approach for in-The-Wild Facial Expression Recognition on Image Datasets. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
37	Emotion Recognition by Integrating Eye Movement Analysis and Facial Expression Model. , 2019, , .		6
38	The Role of Attention Mechanism and Multi-Feature in Image Captioning. , 2019, , .		2
39	Multimodal 2D and 3D for In-The-Wild Facial Expression Recognition. , 2019, , .		3
40	Eye Semantic Segmentation with A Lightweight Model. , 2019, , .		3
41	Audio-Video Based Emotion Recognition Using Minimum Cost Flow Algorithm. , 2019, , .		0
42	Regenerative Semi-Supervised Bidirectional W-Network-Based Knee Bone Tumor Classification on Radiographs Guided by Three-Region Bone Segmentation. IEEE Access, 2019, 7, 154277-154289.	4.2	7
43	Facial Emotion Recognition Using an Ensemble of Multi-Level Convolutional Neural Networks. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33, 1940015.	1.2	39
44	Text line segmentation using a fully convolutional network in handwritten document images. IET Image Processing, 2018, 12, 438-446.	2.5	26
45	Emotion Recognition via Body Gesture. , 2018, , .		8
46	Music symbol recognition by a LAG-based combination model. Multimedia Tools and Applications, 2017, 76, 25563-25579.	3.9	2
47	A method for fingertips detection using RGB-D image and convolution neural network. , 2017, , .		1
48	Cell decomposition for the table in document image based on analysis of texts and lines distribution. , 2016, , .		1
49	Page segmentation using minimum homogeneity algorithm and adaptive mathematical morphology. International Journal on Document Analysis and Recognition, 2016, 19, 191-209.	3.4	34
50	Tumor detection on brain MR images using regional features: Method and preliminary results. , 2015, , .		3
51	Extraction of salient objects based on image clustering and saliency. Pattern Analysis and Applications, 2015, 18, 667-675.	4.6	3
52	Real-time face tracking with instability using a feature-based adaptive model. International Journal of Control, Automation and Systems, 2015, 13, 725-732.	2.7	5
53	A multi-voxel-activity-based feature selection method for human cognitive states classification by functional magnetic resonance imaging data. Cluster Computing, 2015, 18, 199-208.	5.0	9
54	Staff Line Removal Using Line Adjacency Graph and Staff Line Skeleton for Camera-Based Printed Music Scores. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
55	Boosted Stable Path for Staff-Line Detection Using Order Statistic Downscaling and Coarse-to-Fine Technique. , 2014, , .		3
56	Distorted Music Score Recognition without Staffline Removal. , 2014, , .		8
57	Object Recognition by Combining Binary Local Invariant Features and Color Histogram. , 2013, , .		5
58	Object segmentation based on adaptive contour initialization for level set method. , 2012, , .		0
59	Image retrieval system using a decomposition of shape information. , 2012, , .		0
60	Lanes Detection in PCR Gel Electrophoresis Images. , 2011, , .		1