

Dong Hye Ye

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

4,240
citations

687220

13
h-index

526166

27
g-index

49
all docs

49
docs citations

49
times ranked

4698
citing authors

#	ARTICLE	IF	CITATIONS
1	The Multimodal Brain Tumor Image Segmentation Benchmark (BRATS). IEEE Transactions on Medical Imaging, 2015, 34, 1993-2024.	5.4	3,589
2	GRAM: A framework for geodesic registration on anatomical manifolds. Medical Image Analysis, 2010, 14, 633-642.	7.0	102
3	Multi-target detection and tracking from a single camera in Unmanned Aerial Vehicles (UAVs). , 2016, , .		58
4	Modality Propagation: Coherent Synthesis of Subject-Specific Scans with Data-Driven Regularization. Lecture Notes in Computer Science, 2013, 16, 606-613.	1.0	57
5	Deep Learning for Moving Object Detection and Tracking from a Single Camera in Unmanned Aerial Vehicles (UAVs). IS&T International Symposium on Electronic Imaging, 2018, 30, 466-1-466-6.	0.3	34
6	Semi-supervised Pattern Classification: Application to Structural MRI of Alzheimer's Disease. , 2011, 2011, 1-4.		29
7	Dynamic Sparse Sampling for Confocal Raman Microscopy. Analytical Chemistry, 2018, 90, 4461-4469.	3.2	25
8	A Framework for Dynamic Image Sampling Based on Supervised Learning. IEEE Transactions on Computational Imaging, 2018, 4, 1-16.	2.6	25
9	A Gaussian Mixture MRF for Model-Based Iterative Reconstruction With Applications to Low-Dose X-Ray CT. IEEE Transactions on Computational Imaging, 2016, 2, 359-374.	2.6	24
10	2.5D Deep Learning For CT Image Reconstruction Using A Multi-GPU Implementation. , 2018, , .		22
11	Deep Residual Learning for Model-Based Iterative CT Reconstruction Using Plug-and-Play Framework. , 2018, , .		21
12	A Supervised Learning Approach for Dynamic Sampling. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-8.	0.3	19
13	Dynamic X-ray diffraction sampling for protein crystal positioning. Journal of Synchrotron Radiation, 2017, 24, 188-195.	1.0	19
14	Regional Manifold Learning for Disease Classification. IEEE Transactions on Medical Imaging, 2014, 33, 1236-1247.	5.4	18
15	Prior-Guided Metal Artifact Reduction for Iterative X-Ray Computed Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 1532-1542.	5.4	17
16	Fast and Robust UAV to UAV Detection and Tracking From Video. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1519-1531.	3.2	16
17	Fast multiscale vessel enhancement filtering. , 2008, , .		15
18	Regional Manifold Learning for Deformable Registration of Brain MR Images. Lecture Notes in Computer Science, 2012, 15, 131-138.	1.0	15

#	ARTICLE	IF	CITATIONS
19	DEEP BACK PROJECTION FOR SPARSE-VIEW CT RECONSTRUCTION. , 2018, , .		15
20	Second Harmonic Generation Guided Raman Spectroscopy for Sensitive Detection of Polymorph Transitions. Analytical Chemistry, 2017, 89, 5958-5965.	3.2	12
21	Breast Cancer Histopathological Image Classification with Adversarial Image Synthesis. , 2021, 2021, 3387-3390.		12
22	Validation of DRAMMS among 12 Popular Methods in Cross-Subject Cardiac MRI Registration. Lecture Notes in Computer Science, 2012, 7359, 209-219.	1.0	11
23	Rapid assessment of breast tumor margins using deep ultraviolet fluorescence scanning microscopy. Journal of Biomedical Optics, 2020, 25, .	1.4	11
24	Joint metal artifact reduction and segmentation of CT images using dictionary-based image prior and continuous-relaxed potts model. , 2015, , .		10
25	Discriminative Segmentation-Based Evaluation Through Shape Dissimilarity. IEEE Transactions on Medical Imaging, 2012, 31, 2278-2289.	5.4	8
26	Deep Learning Approach for Dynamic Sparse Sampling for High-Throughput Mass Spectrometry Imaging. IS&T International Symposium on Electronic Imaging, 2021, 33, 290-1-290-7.	0.3	8
27	Pediatric chestâ€abdomenâ€pelvis and abdomenâ€pelvis CT images with expert organ contours. Medical Physics, 2022, 49, 3523-3528.	1.6	7
28	Morphological Classification: Application to Cardiac MRI of Tetralogy of Fallot. Lecture Notes in Computer Science, 2011, 6666, 180-187.	1.0	6
29	Enhancing reproductive organ segmentation in pediatric CT via adversarial learning. , 2021, 11596, .		5
30	A Model Based Neuron Detection Approach using Sparse Location Priors. IS&T International Symposium on Electronic Imaging, 2017, 29, 10-17.	0.3	4
31	Breast cancer magnification-independent multi-class histopathology classification using dual-step model. , 2021, , .		4
32	Multi-target tracking with an event-based vision sensor and a partial-update GMPHD filter. IS&T International Symposium on Electronic Imaging, 2019, 31, 127-1-127-7.	0.3	4
33	Multi-Domain Neumann Network with Sensitivity Maps for Parallel MRI Reconstruction. Sensors, 2022, 22, 3943.	2.1	4
34	Age-Conditioned Synthesis of Pediatric Computed Tomography with Auxiliary Classifier Generative Adversarial Networks. , 2020, 2020, 109-112.		3
35	Low-Dose CT Denoising Using Octave Convolution with High and Low Frequency Bands. Lecture Notes in Computer Science, 2020, , 68-78.	1.0	3
36	Synchrotron X-Ray Diffraction Dynamic Sampling for Protein Crystal Centering. IS&T International Symposium on Electronic Imaging, 2017, 29, 6-9.	0.3	2

#	ARTICLE	IF	CITATIONS
37	FLOOR: Fusing Locally Optimal Registrations. Lecture Notes in Computer Science, 2013, 16, 195-202.	1.0	2
38	Groupwise morphometric analysis based on high dimensional clustering. , 2010, 2010, 47-54.		1
39	ROI reconstruction for model-based iterative reconstruction (MBIR) via a coupled dictionary learning. Proceedings of SPIE, 2017, , .	0.8	1
40	Enhancing Multi-Channel Eeg Classification with Gramian Temporal Generative Adversarial Networks. , 2021, , .		1
41	Deep UV fluorescence scanning microscopy for breast tumor margin detection. , 2020, , .		1
42	Characterizing right ventricular shape variations via subject adapted voxel-based morphometry: application to CMR of Tetralogy of Fallot. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0
43	Combining regional metrics for disease-related brain population analysis. , 2012, 2012, 1515-1518.		0
44	Auto-encoding of discriminating morphometry from cardiac MRI. , 2014, 2014, 217-221.		0
45	Improving presentation consistency of radiographic images using deep learning. , 2021, , .		0
46	A Supervised Learning Approach for Dynamic Sampling (SLADS) in Raman Hyperspectral Imaging. IS&T International Symposium on Electronic Imaging, 2018, 30, 132-1-1323.	0.3	0
47	Texture analysis of deep ultraviolet fluorescence images for intraoperative assessment of breast tumor margins. , 2021, , .		0