

# Dong Hye Ye

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

4,240  
citations

687363

13  
h-index

526287

27  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and Robust UAV to UAV Detection and Tracking From Video. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1519-1531.	4.6	16
2	Pediatric chestâ€œabdomenâ€œpelvis and abdomenâ€œpelvis CT images with expert organ contours. Medical Physics, 2022, 49, 3523-3528.	3.0	7
3	Multi-Domain Neumann Network with Sensitivity Maps for Parallel MRI Reconstruction. Sensors, 2022, 22, 3943.	3.8	4
4	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.	0.4	8
5	Breast cancer magnification-independent multi-class histopathology classification using dual-step model. , 2021, , .		4
6	Improving presentation consistency of radiographic images using deep learning. , 2021, , .		0
7	Enhancing reproductive organ segmentation in pediatric CT via adversarial learning. , 2021, 11596, .		5
8	Enhancing Multi-Channel Eeg Classification with Gramian Temporal Generative Adversarial Networks. , 2021, , .		1
9	Texture analysis of deep ultraviolet fluorescence images for intraoperative assessment of breast tumor margins. , 2021, , .		0
10	Breast Cancer Histopathological Image Classification with Adversarial Image Synthesis. , 2021, 2021, 3387-3390.		12
11	Age-Conditioned Synthesis of Pediatric Computed Tomography with Auxiliary Classifier Generative Adversarial Networks. , 2020, 2020, 109-112.		3
12	Low-Dose CT Denoising Using Octave Convolution with High and Low Frequency Bands. Lecture Notes in Computer Science, 2020, , 68-78.	1.3	3
13	Rapid assessment of breast tumor margins using deep ultraviolet fluorescence scanning microscopy. Journal of Biomedical Optics, 2020, 25, .	2.6	11
14	Deep UV fluorescence scanning microscopy for breast tumor margin detection. , 2020, , .		1
15	Prior-Guided Metal Artifact Reduction for Iterative X-Ray Computed Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 1532-1542.	8.9	17
16	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.	0.4	4
17	Dynamic Sparse Sampling for Confocal Raman Microscopy. Analytical Chemistry, 2018, 90, 4461-4469.	6.5	25
18	A Framework for Dynamic Image Sampling Based on Supervised Learning. IEEE Transactions on Computational Imaging, 2018, 4, 1-16.	4.4	25

#	ARTICLE	IF	CITATIONS
19	2.5D Deep Learning For CT Image Reconstruction Using A Multi-GPU Implementation. , 2018, , .		22
20	DEEP BACK PROJECTION FOR SPARSE-VIEW CT RECONSTRUCTION. , 2018, , .		15
21	Deep Residual Learning for Model-Based Iterative CT Reconstruction Using Plug-and-Play Framework. , 2018, , .		21
22	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.	0.4	34
23	A Supervised Learning Approach for Dynamic Sampling (SLADS) in Raman Hyperspectral Imaging. IS&T International Symposium on Electronic Imaging, 2018, 30, 132-1-1323.	0.4	0
24	Dynamic X-ray diffraction sampling for protein crystal positioning. Journal of Synchrotron Radiation, 2017, 24, 188-195.	2.4	19
25	ROI reconstruction for model-based iterative reconstruction (MBIR) via a coupled dictionary learning. Proceedings of SPIE, 2017, , .	0.8	1
26	Second Harmonic Generation Guided Raman Spectroscopy for Sensitive Detection of Polymorph Transitions. Analytical Chemistry, 2017, 89, 5958-5965.	6.5	12
27	A Model Based Neuron Detection Approach using Sparse Location Priors. IS&T International Symposium on Electronic Imaging, 2017, 29, 10-17.	0.4	4
28	Synchrotron X-Ray Diffraction Dynamic Sampling for Protein Crystal Centering. IS&T International Symposium on Electronic Imaging, 2017, 29, 6-9.	0.4	2
29	A Supervised Learning Approach for Dynamic Sampling. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-8.	0.4	19
30	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.	4.4	24
31	Multi-target detection and tracking from a single camera in Unmanned Aerial Vehicles (UAVs). , 2016, , .		58
32	Joint metal artifact reduction and segmentation of CT images using dictionary-based image prior and continuous-relaxed potts model. , 2015, , .		10
33	The Multimodal Brain Tumor Image Segmentation Benchmark (BRATS). IEEE Transactions on Medical Imaging, 2015, 34, 1993-2024.	8.9	3,589
34	Auto-encoding of discriminating morphometry from cardiac MRI. , 2014, 2014, 217-221.		0
35	Regional Manifold Learning for Disease Classification. IEEE Transactions on Medical Imaging, 2014, 33, 1236-1247.	8.9	18
36	Modality Propagation: Coherent Synthesis of Subject-Specific Scans with Data-Driven Regularization. Lecture Notes in Computer Science, 2013, 16, 606-613.	1.3	57

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37	FLOOR: Fusing Locally Optimal Registrations. Lecture Notes in Computer Science, 2013, 16, 195-202.	1.3	2
38	Combining regional metrics for disease-related brain population analysis. , 2012, 2012, 1515-1518.		0
39	Regional Manifold Learning for Deformable Registration of Brain MR Images. Lecture Notes in Computer Science, 2012, 15, 131-138.	1.3	15
40	Discriminative Segmentation-Based Evaluation Through Shape Dissimilarity. IEEE Transactions on Medical Imaging, 2012, 31, 2278-2289.	8.9	8
41	Validation of DRAMMS among 12 Popular Methods in Cross-Subject Cardiac MRI Registration. Lecture Notes in Computer Science, 2012, 7359, 209-219.	1.3	11
42	Morphological Classification: Application to Cardiac MRI of Tetralogy of Fallot. Lecture Notes in Computer Science, 2011, 6666, 180-187.	1.3	6
43	Semi-supervised Pattern Classification: Application to Structural MRI of Alzheimer's Disease. , 2011, 2011, 1-4.		29
44	GRAM: A framework for geodesic registration on anatomical manifolds. Medical Image Analysis, 2010, 14, 633-642.	11.6	102
45	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, .	3.3	0
46	Groupwise morphometric analysis based on high dimensional clustering. , 2010, 2010, 47-54.		1
47	Fast multiscale vessel enhancement filtering. , 2008, , .		15