Angelica I Aviles-Rivero

List of Publications by Year
in descending order

16	873	1163065	996954
16 papers	**873** citations	**8** h-index	**15** g-index
16 all docs	**16** docs citations	**16** times ranked	**1172** citing authors

#	ARTICLE	IF	CITATIONS
1	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. Nature Machine Intelligence, 2021, 3, 199-217.	16.0	607
2	Towards Retrieving Force Feedback in Robotic-Assisted Surgery: A Supervised Neuro-Recurrent-Vision Approach. IEEE Transactions on Haptics, 2017, 10, 431-443.	2.7	64
3	Superpixel Contracted Graph-Based Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4180-4193.	6.3	60
4	Machine Learning for Workflow Applications in Screening Mammography: Systematic Review and Meta-Analysis. Radiology, 2022, 302, 88-104.	7.3	56
5	A Three-Stage Self-Training Framework for Semi-Supervised Semantic Segmentation. IEEE Transactions on Image Processing, 2022, 31, 1805-1815.	9.8	18
6	Controllable Image Processing via Adaptive FilterBank Pyramid. IEEE Transactions on Image Processing, 2020, 29, 8043-8054.	9.8	14
7	Compressed sensing plus motion (CSÂ+ÂM): A new perspective for improving undersampled MR image reconstruction. Medical Image Analysis, 2021, 68, 101933.	11.6	11
8	ReTouchImg: Fusioning from-local-to-global context detection and graph data structures for fully-automatic specular reflection removal for endoscopic images. Computerized Medical Imaging and Graphics, 2019, 73, 39-48.	5.8	8
9	Rethinking medical image reconstruction via shape prior, going deeper and faster: Deep joint indirect registration and reconstruction. Medical Image Analysis, 2021, 68, 101930.	11.6	7
10	Sensory Substitution for Force Feedback Recovery. ACM Transactions on Applied Perception, 2018, 15, 1-19.	1.9	6
11	Multi-tasking to Correct: Motion-Compensated MRI via Joint Reconstruction and Registration. Lecture Notes in Computer Science, 2019, , 263-274.	1.3	6
12	Dynamic spectral residual superpixels. Pattern Recognition, 2021, 112, 107705.	8.1	6
13	Variational multi-task MRI reconstruction: Joint reconstruction, registration and super-resolution. Medical Image Analysis, 2021, 68, 101941.	11.6	4
14	HERS Superpixels: Deep Affinity Learning for Hierarchical Entropy Rate Segmentation. , 2022, , .		3
15	Learning optical flow for fast MRI reconstruction. Inverse Problems, 2021, 37, 095007.	2.0	2
16	Sliding to predict: vision-based beating heart motion estimation by modeling temporal interactions. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 353-361.	2.8	1