Angelica I Aviles-Rivero

List of Publications by Year in Descending Order

14 papers	306 citations
5 h-index	16 g-index
16 ext. papers	565 ext. citations
8.8 avg, IF	4.02 L-index

#	Paper	IF	Citations
14	Machine Learning for Workflow Applications in Screening Mammography: Systematic Review and Meta-Analysis. *Radiology*, **2021**, 210391	20.5	2
13	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	22.5	200
12	Dynamic spectral residual superpixels. *Pattern Recognition*, **2021**, 112, 107705	7.7	2
11	Rethinking medical image reconstruction via shape prior, going deeper and faster: Deep joint indirect registration and reconstruction. *Medical Image Analysis*, **2021**, 68, 101930	15.4	2
10	Compressed sensing plus motion (CS+M): A new perspective for improving undersampled MR image reconstruction. *Medical Image Analysis*, **2021**, 68, 101933	15.4	5
9	Variational multi-task MRI reconstruction: Joint reconstruction, registration and super-resolution. *Medical Image Analysis*, **2021**, 68, 101941	15.4	0
8	Learning optical flow for fast MRI reconstruction. *Inverse Problems*, **2021**, 37, 095007	2.3	1
7	Superpixel Contracted Graph-Based Learning for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 4180-4193	8.1	38
6	Controllable Image Processing via Adaptive FilterBank Pyramid. *IEEE Transactions on Image Processing*, **2020**, 29, 8043-8054	8.7	6
5	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	7.6	1
4	Multi-tasking to Correct: Motion-Compensated MRI via Joint Reconstruction and Registration. *Lecture Notes in Computer Science*, **2019**, 263-274	0.9	4
3	Sensory Substitution for Force Feedback Recovery. *ACM Transactions on Applied Perception*, **2018**, 15, 1-19	1.4	2
2	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	3.9	1
1	Towards Retrieving Force Feedback in Robotic-Assisted Surgery: A Supervised Neuro-Recurrent-Vision Approach. *IEEE Transactions on Haptics*, **2017**, 10, 431-443	2.7	42