

# Angelica I Aviles-Rivero

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 199-217	22.5	200
13	Towards Retrieving Force Feedback in Robotic-Assisted Surgery: A Supervised Neuro-Recurrent-Vision Approach. <i>IEEE Transactions on Haptics</i> , <b>2017</b> , 10, 431-443	2.7	42
12	Superpixel Contracted Graph-Based Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 4180-4193	8.1	38
11	Controllable Image Processing via Adaptive FilterBank Pyramid. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , 29, 8043-8054	8.7	6
10	Compressed sensing plus motion (CS <sup>+</sup> IM): A new perspective for improving undersampled MR image reconstruction. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101933	15.4	5
9	Multi-tasking to Correct: Motion-Compensated MRI via Joint Reconstruction and Registration. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 263-274	0.9	4
8	Sensory Substitution for Force Feedback Recovery. <i>ACM Transactions on Applied Perception</i> , <b>2018</b> , 15, 1-19	1.4	2
7	Machine Learning for Workflow Applications in Screening Mammography: Systematic Review and Meta-Analysis. <i>Radiology</i> , <b>2021</b> , 210391	20.5	2
6	Dynamic spectral residual superpixels. <i>Pattern Recognition</i> , <b>2021</b> , 112, 107705	7.7	2
5	Rethinking medical image reconstruction via shape prior, going deeper and faster: Deep joint indirect registration and reconstruction. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101930	15.4	2
4	ReTouchImg: Fusioning from-local-to-global context detection and graph data structures for fully-automatic specular reflection removal for endoscopic images. <i>Computerized Medical Imaging and Graphics</i> , <b>2019</b> , 73, 39-48	7.6	1
3	Sliding to predict: vision-based beating heart motion estimation by modeling temporal interactions. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2018</b> , 13, 353-361	3.9	1
2	Learning optical flow for fast MRI reconstruction. <i>Inverse Problems</i> , <b>2021</b> , 37, 095007	2.3	1
1	Variational multi-task MRI reconstruction: Joint reconstruction, registration and super-resolution. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101941	15.4	0