Junhong Min

List of Publications by Year
in descending order

9 papers	1,155 citations
9 all docs	9 docs citations

1684188
5
h-index

1720034
7
g-index

9
times ranked

1815
citing authors

#	Article	IF	Citations
1	A deep convolutional neural network using directional wavelets for low‑dose X‑ray CT reconstruction. Medical Physics, 2017, 44, e360-e375.	3.0	561
2	Quantitative evaluation of software packages for single-molecule localization microscopy. Nature Methods, 2015, 12, 717-724.	19.0	347
3	FALCON: fast and unbiased reconstruction of high-density super-resolution microscopy data. Scientific Reports, 2014, 4, 4577.	3.3	125
4	Fluorescent microscopy beyond diffraction limits using speckle illumination and joint support recovery. Scientific Reports, 2013, 3, 2075.	3.3	74
5	3D high-density localization microscopy using hybrid astigmatic/ biplane imaging and sparse image reconstruction. Biomedical Optics Express, 2014, 5, 3935.	2.9	35
6	Grid-Free Localization Algorithm Using Low-Rank Hankel Matrix for Super-Resolution Microscopy. IEEE Transactions on Image Processing, 2018, 27, 4771-4786.	9.8	5
7	Fast live cell imaging at nanometer scale using annihilating filter-based low-rank Hankel matrix approach. Proceedings of SPIE, 2015, , .	0.8	4
8	Patch based low rank structured matrix completion for accelerated scanning microscopy. , 2015, , .		4
9	Improving resolution of fluorescent microscopy using speckle illumination and joint sparse recovery. , 2013, , .		0