Yinxiao Liu

List of Publications by Year
in descending order

		1307594	1588992
9 papers	**160** citations	**7** h-index	**8** g-index
10 all docs	**10** docs citations	**10** times ranked	**217** citing authors

#	Article	IF	Citations
1	Fuzzy Object Skeletonization: Theory, Algorithms, and Applications. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2298-2314.	4.4	17
2	Trabecular bone characterization on the continuum of plates and rods using <i>in vivo</i> MR imaging and volumetric topological analysis. Physics in Medicine and Biology, 2016, 61, N478-N496.	3.0	10
3	Characterization of trabecular bone plate–rod microarchitecture using multirow detector CT and the tensor scale: Algorithms, validation, and applications to pilot human studies. Medical Physics, 2015, 42, 5410-5425.	3.0	22
4	Graph-based optimal multi-surface segmentation with a star-shaped prior: Application to the segmentation of the optic disc and cup. , 2014, , .		5
5	A Robust Algorithm for Thickness Computation at Low Resolution and Its Application to <i>In Vivo</i> Trabecular Bone CT Imaging. IEEE Transactions on Biomedical Engineering, 2014, 61, 2057-2069.	4.2	44
6	A new algorithm for trabecular bone thickness computation at low resolution achieved under in vivo condition. , 2013, 2013, 390-393.		5
7	A new multi-object image thresholding method based on correlation between object class uncertainty and intensity gradient. Medical Physics, 2012, 39, 514-532.	3.0	11
8	Quantitative Characterization of Trabecular Bone Micro-architecture Using Tensor Scale and Multi-Detector CT Imaging. Lecture Notes in Computer Science, 2012, 15, 124-131.	1.3	10
9	Performance of the MRI-based virtual bone biopsy in the distal radius: Serial reproducibility and reliability of structural and mechanical parameters in women representative of osteoporosis study populations. Bone, 2011, 49, 895-903.	2.9	35