

Yinxiao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

160
citations

1307594

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1588992

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10
docs citations

10
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	Fuzzy Object Skeletonization: Theory, Algorithms, and Applications. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2298-2314.	4.4	17
5	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
6	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
7	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
8	A new algorithm for trabecular bone thickness computation at low resolution achieved under in vivo condition. , 2013, 2013, 390-393.		5
9	Graph-based optimal multi-surface segmentation with a star-shaped prior: Application to the segmentation of the optic disc and cup. , 2014, , .		5