Si Chen

List of Publications by Year
in descending order

17 papers	595 citations	1307594 7 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	956 citing authors

#	Article	IF	Citations
1	Validity and reliability of masseter muscles segmentation from the transverse sections of Cone-Beam CT scans compared with MRI scans. International Journal of Computer Assisted Radiology and Surgery, 2021, , 1.	2.8	2
2	Context-guided fully convolutional networks for joint craniomaxillofacial bone segmentation and landmark digitization. Medical Image Analysis, 2020, 60, 101621.	11.6	71
3	Comparison of the effects of rapid maxillary expansion versus Twin Block appliance on mandibular growth in skeletal Class II patients. BMC Oral Health, 2020, 20, 350.	2.3	3
4	Volumetric Registration-Based Cleft Volume Estimation of Alveolar Cleft Grafting Procedures. , 2020, , .		6
5	Thickness change of masseter muscles and the surrounding soft tissues in female patients during orthodontic treatment: a retrospective study. BMC Oral Health, 2020, 20, 181.	2.3	4
6	Effect of acquisition depth and precompression from probe and couplant on shear wave elastography in soft tissue: an in vitro and in vivo study. Quantitative Imaging in Medicine and Surgery, 2020, 10, 754-765.	2.0	15
7	Exosomes derived from miRâ€375â€overexpressing human adipose mesenchymal stem cells promote bone regeneration. Cell Proliferation, 2019, 52, e12669.	5.3	213
8	Retreatment of a skeletal Class II postpubescent patient with a convex facial profile and temporomandibular disorders. Australasian Orthodontic Journal, 2019, 35, 218-228.	0.3	0
9	Heterodimeric BMP-2/7 exhibits different osteoinductive effects in human and murine cells. Growth Factors, 2018, 36, 141-152.	1.7	3
10	DEPTOR regulates osteogenic differentiation via inhibiting MEG3-mediated activation of BMP4 signaling and is involved in osteoporosis. Stem Cell Research and Therapy, 2018, 9, 185.	5.5	52
11	Promotion Effects of miR-375 on the Osteogenic Differentiation of Human Adipose-Derived Mesenchymal Stem Cells. Stem Cell Reports, 2017, 8, 773-786.	4.8	68
12	Long non-coding RNA MEG3 inhibits adipogenesis and promotes osteogenesis of human adipose-derived mesenchymal stem cells via miR-140-5p. Molecular and Cellular Biochemistry, 2017, 433, 51-60.	3.1	111
13	Joint Craniomaxillofacial Bone Segmentation and Landmark Digitization by Context-Guided Fully Convolutional Networks. Lecture Notes in Computer Science, 2017, 10434, 720-728.	1.3	27
14	A novel method for prediction of dynamic smiling expressions after orthodontic treatment: a case report. Computer Methods in Biomechanics and Biomedical Engineering, 2016, 19, 340-346.	1.6	2
15	Three-dimensional modeling of an individualized functional masticatory system and bite force analysis with an orthodontic bite plate. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 217-229.	2.8	7
16	Clinical Application of the PASS Technique. Journal of Clinical Orthodontics: JCO, 2015, 49, 508-15.	0.1	1
17	3-D finite element modelling of facial soft tissue and preliminary application in orthodontics. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 255-261.	1.6	9