

Ching-Shiow Tseng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9218727/publications.pdf>

Version: 2024-02-01

17
papers

488
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-based polyurethane 3D printed scaffolds with controlled release function for customized cartilage tissue engineering. <i>Biomaterials</i> , 2016, 83, 156-168.	11.4	211
2	An orthogonal neural network for function approximation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1996, 26, 779-785.	5.0	79
3	Stress and stability comparison between different systems for high tibial osteotomies. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 110.	1.9	42
4	Properties and performance of orthogonal neural network in function approximation. <i>International Journal of Intelligent Systems</i> , 2001, 16, 1377-1392.	5.7	26
5	The path and location planning of workpieces by genetic algorithms. <i>Journal of Intelligent Manufacturing</i> , 1996, 7, 69-76.	7.3	24
6	Placement-induced effects on high tibial osteotomized construct - biomechanical tests and finite-element analyses. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 235.	1.9	24
7	Registration of 2D C-Arm and 3D CT Images for a C-Arm Image-Assisted Navigation System for Spinal Surgery. <i>Applied Bionics and Biomechanics</i> , 2015, 2015, 1-9.	1.1	14
8	Design and Development of a Novel Frozen-Form Additive Manufacturing System for Tissue Engineering Applications. <i>3D Printing and Additive Manufacturing</i> , 2016, 3, 216-225.	2.9	12
9	Image-guided robotic navigation system for neurosurgery. <i>Journal of Field Robotics</i> , 2000, 17, 439-447.	0.7	11
10	An Ultrasound Imaging-Guided Robotic HIFU Ablation Experimental System and Accuracy Evaluations. <i>Applied Bionics and Biomechanics</i> , 2017, 2017, 1-8.	1.1	10
11	Performance comparison between the training method and the numerical method of the orthogonal neural network in function approximation. <i>International Journal of Intelligent Systems</i> , 2004, 19, 1257-1275.	5.7	9
12	Using Free Navigation Reference Points and Prefabricated Bone Plates for Zygoma Fracture Model Surgeries. <i>Journal of Medical and Biological Engineering</i> , 2016, 36, 316-324.	1.8	7
13	Implementation and performance evaluation of a drilling assistive device for distal locking of intramedullary nails. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020, 16, e2110.	2.3	7
14	C-Arm Image-Based Surgical Path Planning Method for Distal Locking of Intramedullary Nails. <i>Applied Bionics and Biomechanics</i> , 2018, 2018, 1-10.	1.1	6
15	Clinical Pedicle Screw Insertion Trials and System Improvement of C-arm Image Navigation System. <i>Journal of Medical and Biological Engineering</i> , 2016, 36, 44-52.	1.8	4
16	Biomechanical effects of bone-implant fitness and screw breakage on the stability and stress performance of the nonstemmed hip system. <i>Clinical Biomechanics</i> , 2014, 29, 161-169.	1.2	2
17	A new orthogonal neural network. , 0, , .		0