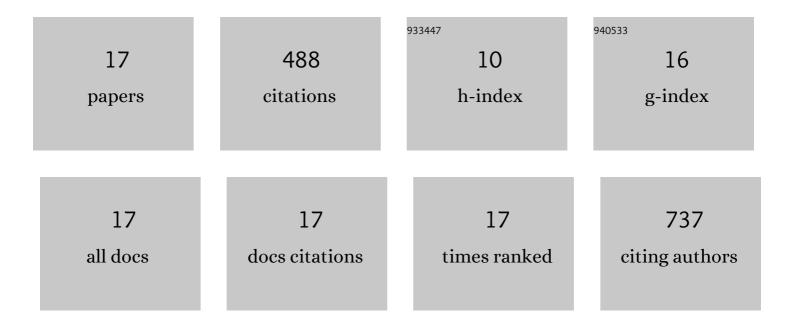
Ching-Shiow Tseng

List of Publications by Year in descending order

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