Chang-Jung Chiang

List of Publications by Year
in descending order

22 papers	301 citations	933447 10 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	424 citing authors

#	Article	IF	Citations
1	Cutting Flute and Thread Design on Self-Tapping Pedicle Screws Influence the Insertion Torque and Pullout Strength. Applied Sciences (Switzerland), 2022, 12, 1956.	2.5	3
2	Upper Body Posture Recognition Using Inertial Sensors and Recurrent Neural Networks. Applied Sciences (Switzerland), 2021, 11, 12101.	2.5	6
3	Pull-Out Capability of a 3D Printed Threadless Suture Anchor with Rectangular Cross-Section: A Biomechanical Study. Applied Sciences (Switzerland), 2021, 11, 12128.	2.5	4
4	Biomechanical analysis of single-level interbody fusion with different internal fixation rod materials: a finite element analysis. BMC Musculoskeletal Disorders, 2020, 21, 100.	1.9	18
5	Biomechanical Assessment of Vertebroplasty Combined with Cement-Augmented Screw Fixation for Lumbar Burst Fractures: A Finite Element Analysis. Applied Sciences (Switzerland), 2020, 10, 2133.	2.5	7
6	Incomplete insertion of pedicle screws in a standard construct reduces the fatigue life: A biomechanical analysis. PLoS ONE, 2019, 14, e0224699.	2.5	5
7	The stability of long-segment and short-segment fixation for treating severe burst fractures at the thoracolumbar junction in osteoporotic bone: A finite element analysis. PLoS ONE, 2019, 14, e0211676.	2.5	24
8	Radiofrequency neurotomy in chronic lumbar and sacroiliac joint pain. Medicine (United States), 2019, 98, e16230.	1.0	21
9	Removal of fixation construct could mitigate adjacent segment stress after lumbosacral fusion: A finite element analysis. Clinical Biomechanics, 2017, 43, 115-120.	1.2	41
10	Optimized decellularization protocol including Î±-Gal epitope reduction for fabrication of an acellular porcine annulus fibrosus scaffold. Cell and Tissue Banking, 2017, 18, 383-396.	1.1	43
11	Percutaneous pedicle screw placement under single dimensional fluoroscopy with a designed pedicle finderâ€"a technical note and case series. Spine Journal, 2017, 17, 1373-1380.	1.3	6
12	Assessment of the suitability of biodegradable rods for use in posterior lumbar fusion: An in-vitro biomechanical evaluation and finite element analysis. PLoS ONE, 2017, 12, e0188034.	2.5	14
13	Time course investigation of intervertebral disc degeneration in a rat-tail puncture model. Life Sciences, 2016, 156, 15-20.	4.3	15
14	Biomechanical arrangement of threaded and unthreaded portions providing holding power of transpedicular screw fixation. Clinical Biomechanics, 2016, 39, 71-76.	1.2	9
15	The effect of annular repair on the failure strength of the porcine lumbar disc after needle puncture and punch injury. European Spine Journal, 2016, 25, 906-912.	2.2	11
16	<i>IN VIVO</i> EVALUATION OF A NEW Î²-TRICALCIUM PHOSPHATE BONE SUBSTITUTE IN A RABBIT FEMUR DEFECT MODEL. Biomedical Engineering - Applications, Basis and Communications, 2015, 27, 1550028.	0.6	1
17	FINITE ELEMENT ANALYSIS OF CERVICAL SPINE WITH DIFFERENT CONSTRAINED TYPES OF TOTAL DISC REPLACEMENT. Journal of Mechanics in Medicine and Biology, 2014, 14, 1450038.	0.7	5
18	Fabrication and properties of acellular porcine anulus fibrosus for tissue engineering in spine surgery. Journal of Orthopaedic Surgery and Research, 2014, 9, 118.	2.3	12

#	Article	IF	Citations
19	Extracorporeal shockwave therapy improves short-term functional outcomes of shoulder adhesive capsulitis. Journal of Shoulder and Elbow Surgery, 2014, 23, 1843-1851.	2.6	49
20	Complete Femoral Nerve Palsy Following Traumatic Iliacus Hematoma. JBJS Case Connector, 2013, 3, e74.	0.3	3
21	Complete Femoral Nerve Palsy Following Traumatic Iliacus Hematoma: A Case Report and Literature Review. JBJS Case Connector, 2013, 3, e741-4.	0.3	0
22	*IN VIVO* EVALUATION OF A NEW BIPHASIC CALCIUM PHOSPHATE BONE SUBSTITUTE IN RABBIT FEMUR DEFECTS MODEL. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 537-548.	0.6	4