

Chang-Jung Chiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3482179/publications.pdf>

Version: 2024-02-01

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	Extracorporeal shockwave therapy improves short-term functional outcomes of shoulder adhesive capsulitis. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1843-1851.	2.6	49
2	Optimized decellularization protocol including Î±-Gal epitope reduction for fabrication of an acellular porcine annulus fibrosus scaffold. <i>Cell and Tissue Banking</i> , 2017, 18, 383-396.	1.1	43
3	Removal of fixation construct could mitigate adjacent segment stress after lumbosacral fusion: A finite element analysis. <i>Clinical Biomechanics</i> , 2017, 43, 115-120.	1.2	41
4	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. <i>PLoS ONE</i> , 2019, 14, e0211676.	2.5	24
5	Radiofrequency neurotomy in chronic lumbar and sacroiliac joint pain. <i>Medicine (United States)</i> , 2019, 98, e16230.	1.0	21
6	Biomechanical analysis of single-level interbody fusion with different internal fixation rod materials: a finite element analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 100.	1.9	18
7	Time course investigation of intervertebral disc degeneration in a rat-tail puncture model. <i>Life Sciences</i> , 2016, 156, 15-20.	4.3	15
8	Assessment of the suitability of biodegradable rods for use in posterior lumbar fusion: An in-vitro biomechanical evaluation and finite element analysis. <i>PLoS ONE</i> , 2017, 12, e0188034.	2.5	14
9	Fabrication and properties of acellular porcine anulus fibrosus for tissue engineering in spine surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 118.	2.3	12
10	The effect of annular repair on the failure strength of the porcine lumbar disc after needle puncture and punch injury. <i>European Spine Journal</i> , 2016, 25, 906-912.	2.2	11
11	Biomechanical arrangement of threaded and unthreaded portions providing holding power of transpedicular screw fixation. <i>Clinical Biomechanics</i> , 2016, 39, 71-76.	1.2	9
12	Biomechanical Assessment of Vertebroplasty Combined with Cement-Augmented Screw Fixation for Lumbar Burst Fractures: A Finite Element Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2133.	2.5	7
13	Percutaneous pedicle screw placement under single dimensional fluoroscopy with a designed pedicle finderâ€”a technical note and case series. <i>Spine Journal</i> , 2017, 17, 1373-1380.	1.3	6
14	Upper Body Posture Recognition Using Inertial Sensors and Recurrent Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12101.	2.5	6
15	FINITE ELEMENT ANALYSIS OF CERVICAL SPINE WITH DIFFERENT CONSTRAINED TYPES OF TOTAL DISC REPLACEMENT. <i>Journal of Mechanics in Medicine and Biology</i> , 2014, 14, 1450038.	0.7	5
16	Incomplete insertion of pedicle screws in a standard construct reduces the fatigue life: A biomechanical analysis. <i>PLoS ONE</i> , 2019, 14, e0224699.	2.5	5
17	<i>IN VIVO</i> EVALUATION OF A NEW BIPHASIC CALCIUM PHOSPHATE BONE SUBSTITUTE IN RABBIT FEMUR DEFECTS MODEL. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2012, 24, 537-548.	0.6	4
18	Pull-Out Capability of a 3D Printed Threadless Suture Anchor with Rectangular Cross-Section: A Biomechanical Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12128.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Complete Femoral Nerve Palsy Following Traumatic Iliacus Hematoma. JBJS Case Connector, 2013, 3, e74.	0.3	3
20	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
21	<i>IN VIVO</i> EVALUATION OF A NEW β -TRICALCIUM PHOSPHATE BONE SUBSTITUTE IN A RABBIT FEMUR DEFECT MODEL. Biomedical Engineering - Applications, Basis and Communications, 2015, 27, 1550028.	0.6	1
22	Complete Femoral Nerve Palsy Following Traumatic Iliacus Hematoma: A Case Report and Literature Review. JBJS Case Connector, 2013, 3, e741-4.	0.3	0