

Rene Hartensuer

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

486
citations

567281

15
h-index

752698

20
g-index

40
all docs

40
docs citations

40
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of proximal humerus fractures with a CFR-PEEK plate: 2-year results of a prospective study and comparison to fixation with a conventional locking plate. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 1282-1288.	2.6	56
2	Treatment of Injuries to the Subaxial Cervical Spine: Recommendations of the Spine Section of the German Society for Orthopaedics and Trauma (DGOU). <i>Global Spine Journal</i> , 2018, 8, 25S-33S.	2.3	28
3	Biomechanical evaluation of the Facet Wedge: a refined technique for facet fixation. <i>European Spine Journal</i> , 2014, 23, 2321-2329.	2.2	27
4	Current concepts in the treatment of Anderson Type II odontoid fractures in the elderly in Germany, Austria and Switzerland. <i>Injury</i> , 2012, 43, 462-469.	1.7	25
5	Biomechanical characteristics of pedicle screws in osteoporotic vertebrae—comparing a new cadaver corpectomy model and pure pull-out testing. <i>Journal of Orthopaedic Research</i> , 2017, 35, 167-174.	2.3	24
6	Safety, Effect and Feasibility of Percutaneous SI-Screw with and without Augmentation—A 15-Year Retrospective Analysis on over 640 Screws. <i>Journal of Clinical Medicine</i> , 2020, 9, 2660.	2.4	24
7	Cooperative effects in differentiation and proliferation between PDGF-BB and matrix derived synthetic peptides in human osteoblasts. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 263.	1.9	22
8	Impact of the first COVID-19 shutdown on patient volumes and surgical procedures of a Level I trauma center. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 665-675.	1.7	21
9	Is there a way to diagnose spinal instability in acute burst fractures by performing ultrasound?. <i>European Spine Journal</i> , 2009, 18, 964-971.	2.2	20
10	Evaluation of a robot-assisted testing system for multisegmental spine specimens. <i>Journal of Biomechanics</i> , 2012, 45, 1457-1462.	2.1	20
11	Biomechanical Comparison of Five Fixation Techniques for Unstable Fragility Fractures of the Pelvic Ring. <i>Journal of Clinical Medicine</i> , 2021, 10, 2326.	2.4	20
12	Imaging of Spontaneous and Traumatic Cervical Artery Dissection. <i>Clinical Neuroradiology</i> , 2019, 29, 269-275.	1.9	18
13	Blunt cerebrovascular injuries in acute trauma care: a screening protocol. <i>European Spine Journal</i> , 2012, 21, 837-843.	2.2	16
14	Biomechanical evaluation of combined short segment fixation and augmentation of incomplete osteoporotic burst fractures. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 360.	1.9	16
15	Recommendations for Diagnosis and Treatment of Fractures of the Ring of Axis. <i>Zeitschrift Fur Orthopädie Und Unfallchirurgie</i> , 2018, 156, 662-671.	0.7	11
16	Diagnostic accuracy of different clinical screening criteria for blunt cerebrovascular injuries compared with liberal state of the art computed tomography angiography in major trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 789-795.	2.1	11
17	Recommendations for the Diagnostic Testing and Therapy of Atlas Fractures. <i>Zeitschrift Fur Orthopädie Und Unfallchirurgie</i> , 2019, 157, 566-573.	0.7	9
18	Does Cement Augmentation of the Sacroiliac Screw Lead to Superior Biomechanical Results for Fixation of the Posterior Pelvic Ring? A Biomechanical Study. <i>Medicina (Lithuania)</i> , 2021, 57, 1368.	2.0	9

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19	Management of destructive <i>Candida albicans</i> spondylodiscitis of the cervical spine: a systematic analysis of literature illustrated by an unusual case. <i>European Spine Journal</i> , 2017, 26, 1009-1018.	2.2	8
20	Hearing development and spiral ganglion neurite growth in VASP deficient mice. <i>Brain Research</i> , 2007, 1178, 73-82.	2.2	7
21	Experimentally induced incomplete burst fractures - a novel technique for calf and human specimens. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 45.	1.9	7
22	Management of an extended clivus fracture: a case report. <i>BMC Research Notes</i> , 2013, 6, 554.	1.4	7
23	The S2-Alar-Iliac Screw for Pelvic Trauma. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 522-532.	0.7	7
24	Differentiation of Traumatic Osteoporotic and Non-Osteoporotic Vertebral AO A3 Fractures by Analyzing the Posterior Edge Morphology – A Retrospective Feasibility Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3910.	2.4	5
25	Complex biomechanical properties of non-augmented and augmented pedicle screws in human vertebrae with reduced bone density. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 151.	1.9	4
26	Is Anterior Plating Superior to the Bilateral Use of Retrograde Transpubic Screws for Treatment of Straddle Pelvic Ring Fractures? A Biomechanical Investigation. <i>Journal of Clinical Medicine</i> , 2021, 10, 5049.	2.4	3
27	Answer to the Letter to the Editor of A. Goel concerning “Biomechanical evaluation of the Facet Wedge: a refined technique for facet fixation” by R. Hartensuer et al.; <i>Eur Spine J</i> (2014) 23:2321-2329. <i>European Spine Journal</i> , 2015, 24, 405-405.	2.2	1
28	How Does Free Rod-Sliding Affect the Posterior Instrumentation for a Dynamic Stabilization Using a Bovine Calf Model?. <i>Spine</i> , 2015, 40, E133-E140.	2.0	1
29	A New Combined Optical and Robotic Testing System to Evaluate Multisegmental Spinal Kinematics. <i>IFMBE Proceedings</i> , 2010, , 580-583.	0.3	1
30	New Techniques and MIS: The Interfacet Fixation with Facet Wedge Device. , 2018, , 143-162.		1
31	Development of a Method to Correlate Anatomic Landmarks with CT Data for Biomechanical in Vitro Experiments. <i>Global Spine Journal</i> , 2015, 5, s-0035-1554153-s-0035-1554153.	2.3	0