

Stefan Schwan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

96
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Percutaneous posterolateral approach for the simulation of a far-lateral disc herniation in an ovine model. <i>European Spine Journal</i> , 2018, 27, 222-230.	2.2	19
2	Intervertebral Disc Regeneration Injection of a Cell-Loaded Collagen Hydrogel in a Sheep Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4248.	4.1	19
3	Microstructure analysis method for evaluating degenerated intervertebral disc tissue. <i>Micron</i> , 2017, 92, 51-62.	2.2	10
4	Patient-Specific Bone Multiscale Modelling, Fracture Simulation and Risk Analysis – A Survey. <i>Materials</i> , 2020, 13, 106.	2.9	10
5	Long-term pre-clinical evaluation of an injectable chitosan nanocellulose hydrogel with encapsulated adipose-derived stem cells in an ovine model for IVD regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 660-673.	2.7	10
6	Micro-CT evaluation of asymmetrical ovine intervertebral disc height loss from surgical approach. <i>European Spine Journal</i> , 2017, 26, 2031-2037.	2.2	7
7	Long-term Pathology of Ovine Lumbar Spine Degeneration Following Injury Via Percutaneous Minimally Invasive Partial Nucleotomy. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2376-2388.	2.3	7
8	Mid-term outcome of bilateral fragility fractures of the sacrum after bisegmental transsacral stabilization versus spinopelvic fixation. <i>Bone and Joint Journal</i> , 2021, 103-B, 462-468.	4.4	7
9	Finite Element Evaluation of the Effect of Adhesive Creams on the Stress State of Dentures and Oral Mucosa. <i>Applied Bionics and Biomechanics</i> , 2021, 2021, 1-9.	1.1	4
10	Micro-computed tomography, scanning electron microscopy and energy X-ray spectroscopy studies of facet joint degeneration: A comparison to clinical imaging. <i>Micron</i> , 2017, 100, 50-59.	2.2	1
11	Morphological Characterization of the Self-Assembly of Virus Movement Proteins into Nanotubes in the Absence of Virus Particles. <i>Advanced Biology</i> , 2017, 1, e1700113.	3.0	1
12	Modeling of Manufacturing Induced Residual Stress in 3D-Printed Components. <i>Macromolecular Symposia</i> , 2022, 403, 2100465.	0.7	1
13	Numerical Study of the Stress State on the Oral Mucosa and Abutment Tooth upon Insertion of Partial Dentures in the Mandible. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2022, , e3604.	2.1	0
14	The Role of Denture Adhesives on the Oral Health of Partial Denture Wearers: A Numerical Study. <i>Macromolecular Symposia</i> , 2022, 403, 2100422.	0.7	0