

Stefan Dudli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,015
citations

623734

14
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677142

22
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25
all docs

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docs citations

25
times ranked

1093
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Acrylonitrile and Pullulan Based Nanofiber Mats as Easily Accessible Scaffolds for 3D Skin Cell Models Containing Primary Cells. <i>Cells</i> , 2022, 11, 445. | 4.1 | 2 |
| 2 | Should Degenerated Intervertebral Discs of Patients with Modic Type 1 Changes Be Treated with Mesenchymal Stem Cells?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2721. | 4.1 | 6 |
| 3 | Serum biomarkers for Modic changes in patients with chronic low back pain. <i>European Spine Journal</i> , 2021, 30, 1018-1027. | 2.2 | 16 |
| 4 | Pro-Inflammatory and Neurotrophic Factor Responses of Cells Derived from Degenerative Human Intervertebral Discs to the Opportunistic Pathogen <i>Cutibacterium acnes</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2347. | 4.1 | 14 |
| 5 | Development of a standardized histopathology scoring system for intervertebral disc degeneration in rat models: An initiative of the <sc>ORS</sc> spine section. <i>JOR Spine</i> , 2021, 4, e1150. | 3.2 | 49 |
| 6 | Serum Biomarkers for Connective Tissue and Basement Membrane Remodeling Are Associated with Vertebral Endplate Bone Marrow Lesions as Seen on MRI (Modic Changes). <i>International Journal of Molecular Sciences</i> , 2020, 21, 3791. | 4.1 | 15 |
| 7 | THU0451â€¦CELL-MATRIX ADHESION OF BONE MARROW STROMAL CELLS IN MODIC TYPE 1 CHANGES IS INCREASED AND RELATES TO INCREASED EXPRESSION OF INTEGRIN Î¹1. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 462-462. | 0.9 | 0 |
| 8 | OPO096â€¦DYSREGULATED BONE MARROW STROMAL CELLS IN MODIC TYPE 1 CHANGES. , 2019, , . | | 0 |
| 9 | The Effect of Zoledronic Acid on Serum Biomarkers among Patients with Chronic Low Back Pain and Modic Changes in Lumbar Magnetic Resonance Imaging. <i>Diagnostics</i> , 2019, 9, 212. | 2.6 | 10 |
| 10 | Pulsed electromagnetic fields reduce acute inflammation in the injured ratâ€™tail intervertebral disc. <i>JOR Spine</i> , 2019, 2, e1069. | 3.2 | 18 |
| 11 | Modic type 1 change is an autoimmune response that requires a proinflammatory milieu provided by the â€œModic discâ€™. <i>Spine Journal</i> , 2018, 18, 831-844. | 1.3 | 50 |
| 12 | Larger vertebral endplate concavities cause higher failure load and work at failure under high-rate impact loading of rabbit spinal explants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 80, 104-110. | 3.1 | 6 |
| 13 | Quantification of Propionic Acid in the Bovine Spinal Disk After Infection of the Tissue With <i>Propionibacterium acnes</i> Bacteria. <i>Spine</i> , 2018, 43, E634-E638. | 2.0 | 10 |
| 14 | Inflammatory response of disc cells against <i>Propionibacterium acnes</i> depends on the presence of lumbar Modic changes. <i>European Spine Journal</i> , 2018, 27, 1013-1020. | 2.2 | 32 |
| 15 | ISSLS PRIZE IN BASIC SCIENCE 2017: Intervertebral disc/bone marrow cross-talk with Modic changes. <i>European Spine Journal</i> , 2017, 26, 1362-1373. | 2.2 | 96 |
| 16 | Machine Learning-Based Classification of 38 Years of Spine-Related Literature Into 100 Research Topics. <i>Spine</i> , 2017, 42, 863-870. | 2.0 | 25 |
| 17 | <i>Propionibacterium acnes</i> infected intervertebral discs cause vertebral bone marrow lesions consistent with Modic changes. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1447-1455. | 2.3 | 69 |
| 18 | Pathobiology of Modic changes. <i>European Spine Journal</i> , 2016, 25, 3723-3734. | 2.2 | 253 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Leukocytes Enhance Inflammatory and Catabolic Degenerative Changes in the Intervertebral Disc After Endplate Fracture In Vitro Without Infiltrating the Disc. <i>Spine</i> , 2015, 40, 1799-1806. | 2.0 | 17 |
| 20 | Persistent degenerative changes in the intervertebral disc after burst fracture in an in vitro model mimicking physiological post-traumatic conditions. <i>European Spine Journal</i> , 2015, 24, 1901-1908. | 2.2 | 33 |
| 21 | Severity and pattern of post-traumatic intervertebral disc degeneration depend on the type of injury. <i>Spine Journal</i> , 2014, 14, 1256-1264. | 1.3 | 48 |
| 22 | Fracture of the vertebral endplates, but not equienergetic impact load, promotes disc degeneration in vitro. <i>Journal of Orthopaedic Research</i> , 2012, 30, 809-816. | 2.3 | 62 |
| 23 | Prior storage conditions and loading rate affect the in vitro fracture response of spinal segments under impact loading. <i>Journal of Biomechanics</i> , 2011, 44, 2351-2355. | 2.1 | 8 |
| 24 | Directed evolution of a G protein-coupled receptor for expression, stability, and binding selectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14808-14813. | 7.1 | 176 |