

Stephen R Sloan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

341
citations

1039406

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1372195

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docs citations

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times ranked

372
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Combined nucleus pulposus augmentation and annulus fibrosus repair prevents acute intervertebral disc degeneration after discectomy. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 79 |
| 2 | Biologic Annulus Fibrosus Repair: A Review of Preclinical <i>In Vivo</i> Investigations. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 179-190. | 2.5 | 47 |
| 3 | Annulus Fibrosus Repair Using High-Density Collagen Gel. <i>Spine</i> , 2018, 43, E208-E215. | 1.0 | 46 |
| 4 | In vivo annular repair using high-density collagen gel seeded with annulus fibrosus cells. <i>Acta Biomaterialia</i> , 2018, 79, 230-238. | 4.1 | 46 |
| 5 | Mesenchymal Stem Cell-Seeded High-Density Collagen Gel for Annular Repair: 6-Week Results From In Vivo Sheep Models. <i>Neurosurgery</i> , 2019, 85, E350-E359. | 0.6 | 34 |
| 6 | Initial investigation of individual and combined annulus fibrosus and nucleus pulposus repair ex vivo. <i>Acta Biomaterialia</i> , 2017, 59, 192-199. | 4.1 | 27 |
| 7 | Proteoglycan removal by chondroitinase ABC improves injectable collagen gel adhesion to annulus fibrosus. <i>Acta Biomaterialia</i> , 2019, 97, 428-436. | 4.1 | 23 |
| 8 | The Location- and Depth-Dependent Mechanical Response of the Human Cornea Under Shear Loading. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 7919-7924. | 3.3 | 22 |
| 9 | Depth-Dependent Out-of-Plane Young's Modulus of the Human Cornea. <i>Current Eye Research</i> , 2018, 43, 595-604. | 0.7 | 11 |
| 10 | Imaging the local biochemical content of native and injured intervertebral disc using Fourier transform infrared microscopy. <i>JOR Spine</i> , 2020, 3, e1121. | 1.5 | 4 |
| 11 | Tissue engineering for regeneration and replacement of the intervertebral disk. , 2020, , 937-965. | | 2 |