Jarrett M Link

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Modified Hydroxyproline Assay Based on Hydrochloric Acid in Ehrlich's Solution Accurately Measures Tissue Collagen Content. Tissue Engineering - Part C: Methods, 2017, 23, 243-250.	2.1	138
2	The Self-Assembling Process and Applications in Tissue Engineering. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a025668.	6.2	54
3	Facet Joints of the Spine: Structure–Function Relationships, Problems and Treatments, and the Potential for Regeneration. Annual Review of Biomedical Engineering, 2018, 20, 145-170.	12.3	52
4	The tribology of cartilage: Mechanisms, experimental techniques, and relevance to translational tissue engineering. Clinical Biomechanics, 2020, 79, 104880.	1.2	27
5	Characterization of facet joint cartilage properties in the human and interspecies comparisons. Acta Biomaterialia, 2017, 54, 367-376.	8.3	23
6	Exogenous Lysyl Oxidase-Like 2 and Perfusion Culture Induce Collagen Crosslink Formation in Osteogenic Grafts. Biotechnology Journal, 2019, 14, 1700763.	3.5	12
7	Chondroitinase ABC Enhances Integration of Self-Assembled Articular Cartilage, but Its Dosage Needs to Be Moderated Based on Neocartilage Maturity. Cartilage, 2021, 13, 672S-683S.	2.7	11
8	Characterization of Adult and Neonatal Articular Cartilage From the Equine Stifle. Journal of Equine Veterinary Science, 2021, 96, 103294.	0.9	4
9	Isolation and characterization of porcine macrophages and their inflammatory and fusion responses in different stiffness environments. Biomaterials Science, 2021, 9, 7851-7861.	5.4	3
10	In Vitro Effects of Bupivacaine on the Viability and Mechanics of Native and Engineered Cartilage Grafts. American Journal of Sports Medicine, 2021, 49, 1305-1312.	4.2	3
11	Stiffness- and Bioactive Factor-Mediated Protection of Self-Assembled Cartilage against Macrophage Challenge in a Novel Co-Culture System Cartilage 2022, 13, 194760352210814	2.7	3