

Timothy Keane

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,463
citations

331259

21
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of ineffective decellularization of biologic scaffolds on the host response. <i>Biomaterials</i> , 2012, 33, 1771-1781.	5.7	499
2	Methods of tissue decellularization used for preparation of biologic scaffolds and in vivo relevance. <i>Methods</i> , 2015, 84, 25-34.	1.9	472
3	The impact of detergents on the tissue decellularization process: A ToF-SIMS study. <i>Acta Biomaterialia</i> , 2017, 50, 207-219.	4.1	187
4	Biomaterials for tissue engineering applications. <i>Seminars in Pediatric Surgery</i> , 2014, 23, 112-118.	0.5	131
5	Concentration-dependent rheological properties of ECM hydrogel for intracerebral delivery to a stroke cavity. <i>Acta Biomaterialia</i> , 2015, 27, 116-130.	4.1	127
6	The host response to allogeneic and xenogeneic biological scaffold materials. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 504-511.	1.3	95
7	Intestinal stem cell growth and differentiation on a tubular scaffold with evaluation in small and large animals. <i>Regenerative Medicine</i> , 2016, 11, 45-61.	0.8	81
8	Scarring vs. functional healing: Matrix-based strategies to regulate tissue repair. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 407-419.	6.6	80
9	Engineering Extracellular Vesicles with the Tools of Enzyme Prodrug Therapy. <i>Advanced Materials</i> , 2018, 30, e1706616.	11.1	77
10	Tissue-Specific Effects of Esophageal Extracellular Matrix. <i>Tissue Engineering - Part A</i> , 2015, 21, 2293-2300.	1.6	68
11	Preparation and characterization of a biologic scaffold from esophageal mucosa. <i>Biomaterials</i> , 2013, 34, 6729-6737.	5.7	67
12	Fractionation of an ECM hydrogel into structural and soluble components reveals distinctive roles in regulating macrophage behavior. <i>Biomaterials Science</i> , 2014, 2, 1521-1534.	2.6	66
13	The effect of terminal sterilization on the material properties and in vivo remodeling of a porcine dermal biologic scaffold. <i>Acta Biomaterialia</i> , 2016, 33, 78-87.	4.1	66
14	Neutrophils Enable Local and Non-Invasive Liposome Delivery to Inflamed Skeletal Muscle and Ischemic Heart. <i>Advanced Materials</i> , 2020, 32, e2003598.	11.1	66
15	The extracellular matrix of the gastrointestinal tract: a regenerative medicine platform. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 540-552.	8.2	61
16	Restoring Mucosal Barrier Function and Modifying Macrophage Phenotype with an Extracellular Matrix Hydrogel: Potential Therapy for Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2017, 11, jjw149.	0.6	53
17	Inhibition of COX1/2 alters the host response and reduces ECM scaffold mediated constructive tissue remodeling in a rodent model of skeletal muscle injury. <i>Acta Biomaterialia</i> , 2016, 31, 50-60.	4.1	50
18	Preparation and characterization of a biologic scaffold and hydrogel derived from colonic mucosa. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 291-306.	1.6	43

#	ARTICLE	IF	CITATIONS
19	In vivo biomolecular imaging of zebrafish embryos using confocal Raman spectroscopy. <i>Nature Communications</i> , 2020, 11, 6172.	5.8	36
20	Composite ECM alginate microfibers produced by microfluidics as scaffolds with biomineralization potential. <i>Materials Science and Engineering C</i> , 2015, 56, 141-153.	3.8	35
21	Mechanical strength vs. degradation of a biologically-derived surgical mesh over time in a rodent full thickness abdominal wall defect. <i>Biomaterials</i> , 2016, 108, 81-90.	5.7	32
22	A blueprint for translational regenerative medicine. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	24
23	MicroRNA Signature Characterizes Primary Tumors That Metastasize in an Esophageal Adenocarcinoma Rat Model. <i>PLoS ONE</i> , 2015, 10, e0122375.	1.1	12
24	Lessons from developmental biology for regenerative medicine. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2013, 99, 149-159.	3.6	11
25	The impact of sterilization upon extracellular matrix hydrogel structure and function. <i>Journal of Immunology and Regenerative Medicine</i> , 2018, 2, 11-20.	0.2	11
26	The effect of normal, metaplastic, and neoplastic esophageal extracellular matrix upon macrophage activation. <i>Journal of Immunology and Regenerative Medicine</i> , 2021, 13, 100037.	0.2	6
27	Bioscaffold-mediated mucosal remodeling following short-segment colonic mucosal resection. <i>Journal of Surgical Research</i> , 2017, 218, 353-360.	0.8	3
28	A Rodent Model to Evaluate the Tissue Response to a Biological Scaffold When Adjacent to a Synthetic Material. <i>Tissue Engineering - Part A</i> , 2015, 21, 2526-2535.	1.6	2
29	Editorial: Molecular Mechanisms and New Therapeutic Targets in Epithelial to Mesenchymal Transition (EMT) and Fibrosis. <i>Frontiers in Pharmacology</i> , 2020, 10, 1556.	1.6	2
30	Drug Delivery: Engineering Extracellular Vesicles with the Tools of Enzyme Prodrug Therapy (Adv.) <i>Tj ETQqO O O rgBTj/Overlock 10 Tf 50</i>	11.1	0