Timothy Keane

List of Publications by Year
in descending order

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	The effect of normal, metaplastic, and neoplastic esophageal extracellular matrix upon macrophage activation. Journal of Immunology and Regenerative Medicine, 2021, 13, 100037.	0.2	6
2	A blueprint for translational regenerative medicine. Science Translational Medicine, 2020, 12, .	5.8	24
3	In vivo biomolecular imaging of zebrafish embryos using confocal Raman spectroscopy. Nature Communications, 2020, 11, 6172.	5.8	36
4	Neutrophils Enable Local and Nonâ€Invasive Liposome Delivery to Inflamed Skeletal Muscle and Ischemic Heart. Advanced Materials, 2020, 32, e2003598.	11.1	66
5	Editorial: Molecular Mechanisms and New Therapeutic Targets in Epithelial to Mesenchymal Transition (EMT) and Fibrosis. Frontiers in Pharmacology, 2020, 10, 1556.	1.6	2
6	Engineering Extracellular Vesicles with the Tools of Enzyme Prodrug Therapy. Advanced Materials, 2018, 30, e1706616.	11.1	77
7	Drug Delivery: Engineering Extracellular Vesicles with the Tools of Enzyme Prodrug Therapy (Adv.) Tj ETQq1 1 0.784314 rgBT /Overloc	11.1	0
8	Scarring vs. functional healing: Matrix-based strategies to regulate tissue repair. Advanced Drug Delivery Reviews, 2018, 129, 407-419.	6.6	80
9	The impact of sterilization upon extracellular matrix hydrogel structure and function. Journal of Immunology and Regenerative Medicine, 2018, 2, 11-20.	0.2	11
10	Restoring Mucosal Barrier Function and Modifying Macrophage Phenotype with an Extracellular Matrix Hydrogel: Potential Therapy for Ulcerative Colitis. Journal of Crohn's and Colitis, 2017, 11, jjw149.	0.6	53
11	Preparation and characterization of a biologic scaffold and hydrogel derived from colonic mucosa. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 291-306.	1.6	43
12	The impact of detergents on the tissue decellularization process: A ToF-SIMS study. Acta Biomaterialia, 2017, 50, 207-219.	4.1	187
13	Bioscaffold-mediated mucosal remodeling following short-segment colonic mucosal resection. Journal of Surgical Research, 2017, 218, 353-360.	0.8	3
14	The extracellular matrix of the gastrointestinal tract: a regenerative medicine platform. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 540-552.	8.2	61
15	Mechanical strength vs. degradation of a biologically-derived surgical mesh over time in a rodent full thickness abdominal wall defect. Biomaterials, 2016, 108, 81-90.	5.7	32
16	Inhibition of COX1/2 alters the host response and reduces ECM scaffold mediated constructive tissue remodeling in a rodent model of skeletal muscle injury. Acta Biomaterialia, 2016, 31, 50-60.	4.1	50
17	The effect of terminal sterilization on the material properties and in vivo remodeling of a porcine dermal biologic scaffold. Acta Biomaterialia, 2016, 33, 78-87.	4.1	66
18	Intestinal stem cell growth and differentiation on a tubular scaffold with evaluation in small and large animals. Regenerative Medicine, 2016, 11, 45-61.	0.8	81

#	Article	IF	Citations
19	Methods of tissue decellularization used for preparation of biologic scaffolds and in vivo relevance. Methods, 2015, 84, 25-34.	1.9	472
20	Composite ECMâ€“alginate microfibers produced by microfluidics as scaffolds with biomineralization potential. Materials Science and Engineering C, 2015, 56, 141-153.	3.8	35
21	A Rodent Model to Evaluate the Tissue Response to a Biological Scaffold When Adjacent to a Synthetic Material. Tissue Engineering - Part A, 2015, 21, 2526-2535.	1.6	2
22	Concentration-dependent rheological properties of ECM hydrogel for intracerebral delivery to a stroke cavity. Acta Biomaterialia, 2015, 27, 116-130.	4.1	127
23	Tissue-Specific Effects of Esophageal Extracellular Matrix. Tissue Engineering - Part A, 2015, 21, 2293-2300.	1.6	68
24	The host response to allogeneic and xenogeneic biological scaffold materials. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 504-511.	1.3	95
25	MicroRNA Signature Characterizes Primary Tumors That Metastasize in an Esophageal Adenocarcinoma Rat Model. PLoS ONE, 2015, 10, e0122375.	1.1	12
26	Fractionation of an ECM hydrogel into structural and soluble components reveals distinctive roles in regulating macrophage behavior. Biomaterials Science, 2014, 2, 1521-1534.	2.6	66
27	Biomaterials for tissue engineering applications. Seminars in Pediatric Surgery, 2014, 23, 112-118.	0.5	131
28	Lessons from developmental biology for regenerative medicine. Birth Defects Research Part C: Embryo Today Reviews, 2013, 99, 149-159.	3.6	11
29	Preparation and characterization of a biologic scaffold from esophageal mucosa. Biomaterials, 2013, 34, 6729-6737.	5.7	67
30	Consequences of ineffective decellularization of biologic scaffolds on the host response. Biomaterials, 2012, 33, 1771-1781.	5.7	499