Neill J Turner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11789/publications.pdf

Version: 2024-02-01

49 papers	3,802 citations	218381 26 h-index	205818 48 g-index
50 all docs	50 docs citations	50 times ranked	4498 citing authors

#	Article	IF	Citations
1	Consequences of ineffective decellularization of biologic scaffolds on the host response. Biomaterials, 2012, 33, 1771-1781.	5.7	499
2	An Acellular Biologic Scaffold Promotes Skeletal Muscle Formation in Mice and Humans with Volumetric Muscle Loss. Science Translational Medicine, 2014, 6, 234ra58.	5.8	384
3	Matrix-bound nanovesicles within ECM bioscaffolds. Science Advances, 2016, 2, e1600502.	4.7	263
4	Functional skeletal muscle formation with a biologic scaffold. Biomaterials, 2010, 31, 7475-7484.	5.7	242
5	Regeneration of skeletal muscle. Cell and Tissue Research, 2012, 347, 759-774.	1.5	226
6	The impact of detergents on the tissue decellularization process: A ToF-SIMS study. Acta Biomaterialia, 2017, 50, 207-219.	4.1	187
7	Xenogeneic Extracellular Matrix as an Inductive Scaffold for Regeneration of a Functioning Musculotendinous Junction. Tissue Engineering - Part A, 2010, 16, 3309-3317.	1.6	162
8	An acellular biologic scaffold treatment for volumetric muscle loss: results of a 13-patient cohort study. Npj Regenerative Medicine, 2016, 1, 16008.	2.5	154
9	A Murine Model of Volumetric Muscle Loss and a Regenerative Medicine Approach for Tissue Replacement. Tissue Engineering - Part A, 2012, 18, 1941-1948.	1.6	135
10	The Use of Biologic Scaffolds in the Treatment of Chronic Nonhealing Wounds. Advances in Wound Care, 2015, 4, 490-500.	2.6	127
11	A novel hyaluronan-based biomaterial (Hyaff-11Â®) as a scaffold for endothelial cells in tissue engineered vascular grafts. Biomaterials, 2004, 25, 5955-5964.	5.7	114
12	Perfusion-decellularized skeletal muscle as a three-dimensional scaffold with a vascular network template. Biomaterials, 2016, 89, 114-126.	5.7	111
13	The effect of source animal age upon the inÂvivo remodeling characteristics of an extracellular matrix scaffold. Biomaterials, 2012, 33, 5524-5533.	5.7	109
14	Molecular assessment of collagen denaturation in decellularized tissues using a collagen hybridizing peptide. Acta Biomaterialia, 2017, 53, 268-278.	4.1	106
15	Biologic Scaffold Remodeling in a Dog Model of Complex Musculoskeletal Injury. Journal of Surgical Research, 2012, 176, 490-502.	0.8	104
16	Snapshot: Biologic Scaffolds For Constructive Tissue Remodeling. Biomaterials, 2011, 32, 316-319.	5.7	69
17	The effects of stretch on vascular smooth muscle cell phenotype in vitro. Cardiovascular Pathology, 2008, 17, 98-102.	0.7	67
18	Quantitative multispectral imaging of Herovici's polychrome for the assessment of collagen content and tissue remodelling. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 139-148.	1.3	57

#	Article	IF	Citations
19	The effect of cell debris within biologic scaffolds upon the macrophage response. Journal of Biomedical Materials Research - Part A, 2017, 105, 2109-2118.	2.1	55
20	Biologic scaffolds for musculotendinous tissue repair. , 2013, 25, 130-143.		55
21	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
22	The role of transforming growth factor Î²1 in the vascular system. Cardiovascular Pathology, 2005, 14, 28-36.	0.7	50
23	The Natural History of Stenoses within Lower Limb Arterial Bypass Grafts Using a Graft Surveillance Program. Annals of Vascular Surgery, 2007, 21, 695-703.	0.4	47
24	Cyclic stretch-induced TGFÎ²1/Smad signaling inhibits adipogenesis in umbilical cord progenitor cells. Biochemical and Biophysical Research Communications, 2008, 377, 1147-1151.	1.0	44
25	Regional Variations in the Histology of Porcine Skin. Tissue Engineering - Part C: Methods, 2015, 21, 373-384.	1.1	38
26	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
27	Upper dorsal endoscopic thoracic sympathectomy: a comparison of one- and two-port ablation techniques. European Journal of Cardio-thoracic Surgery, 2006, 30, 223-227.	0.6	29
28	Bone marrowâ€“derived cells participate in the long-term remodeling in a mouse model of esophageal reconstruction. Journal of Surgical Research, 2013, 182, e1-e7.	0.8	29
29	Î±2(VIII) Collagen Substrata Enhance Endothelial Cell Retention Under Acute Shear Stress Flow via an Î±2Î²1Integrinâ€“Dependent Mechanism. Circulation, 2006, 114, 820-829.	1.6	27
30	An in vitro model to evaluate cell adhesion to metals used in implantation shows significant differences between palladium and gold or platinum. Cell Biology International, 2004, 28, 541-547.	1.4	26
31	A histomorphologic study of the normal healing response following digit amputation in C57bl/6 and MRL/MpJ mice. Archives of Histology and Cytology, 2010, 73, 103-111.	0.2	19
32	Capability of human umbilical cord blood progenitor-derived endothelial cells to form an efficient lining on a polyester vascular graft in vitro. Acta Biomaterialia, 2009, 5, 1147-1157.	4.1	18
33	Reduction of myointimal hyperplasia after arterial anastomosis by local injection of transforming growth factor Î²3. Journal of Vascular Surgery, 2006, 43, 142-149.	0.6	16
34	Matrix-Bound Nanovesicles: The Effects of Isolation Method upon Yield, Purity, and Function. Tissue Engineering - Part C: Methods, 2020, 26, 528-540.	1.1	16
35	Intimal Neovascularisation is a Prominent Feature of Atherosclerotic Plaques in Diabetic Patients with Critical Limb Ischaemia. European Journal of Vascular and Endovascular Surgery, 2007, 33, 319-324.	0.8	14
36	Expression of Growth Factors and Growth Factor Receptor in Non-healing and Healing Ischaemic Ulceration. European Journal of Vascular and Endovascular Surgery, 2006, 31, 516-522.	0.8	13

#	Article	IF	Citations
37	An In Vivo Model System for Evaluation of the Host Response to Biomaterials. Methods in Molecular Biology, 2013, 1037, 3-25.	0.4	13
38	Lessons from developmental biology for regenerative medicine. Birth Defects Research Part C: Embryo Today Reviews, 2013, 99, 149-159.	3.6	11
39	The impact of sterilization upon extracellular matrix hydrogel structure and function. Journal of Immunology and Regenerative Medicine, 2018, 2, 11-20.	0.2	11
40	The Antimicrobial Effectiveness and Cytotoxicity of the Antibiotic-Loaded Chitosan: ECM Scaffolds. Applied Sciences (Switzerland), 2020, 10, 3446.	1.3	11
41	4-Hydroxybutyrate Promotes Endogenous Antimicrobial Peptide Expression in Macrophages. Tissue Engineering - Part A, 2019, 25, 693-706.	1.6	10
42	Sutureless nerve repair with ECM bioscaffolds and laserâ€activated chitosan adhesive. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1698-1711.	1.6	9
43	Extracellular matrix proteins as temporary coating for thin-film neural implants. Journal of Neural Engineering, 2017, 14, 014001.	1.8	8
44	Human NELL1 Protein Augments Constructive Tissue Remodeling with Biologic Scaffolds. Cells Tissues Organs, 2013, 198, 249-265.	1.3	6
45	Extracellular Matrix Degradation Products Downregulate Neoplastic Esophageal Cell Phenotype. Tissue Engineering - Part A, 2019, 25, 487-498.	1.6	6
46	A panel data set on harvest and perfusion decellularization of porcine rectus abdominis. Data in Brief, 2016, 7, 1375-1382.	0.5	5
47	In Vivo Attenuation of Myointimal Hyperplasia Using Transforming Growth Factor-Beta3 in an Interposition Graft Model. Journal of Endovascular Therapy, 2006, 13, 389-399.	0.8	4
48	Bioscaffold-mediated mucosal remodeling following short-segment colonic mucosal resection. Journal of Surgical Research, 2017, 218, 353-360.	0.8	3
49	Engineered tissues for wound repair. , 2011, , 463-494.		2