Martin Birchall

List of Publications by Year
in descending order

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36	1,368	430874 18	395702 33
papers	citations	h-index	g-index

36	36	36	2317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional Outcomes Following Delayed Laryngeal Reinnervation Of Patients with Vagal Paralysis After Paraganglioma and Schwannoma Surgery. Journal of Voice, 2023, 37, 610-615.	1.5	1
2	Recent advances in human respiratory epithelium models for drug discovery. Biotechnology Advances, 2022, 54, 107832.	11.7	24
3	Prediction of Larynx Function Using Multichannel Surface EMG Classification. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 1032-1039.	3.2	3
4	Human airway-like multilayered tissue on 3D-TIPS printed thermoresponsive elastomer/collagen hybrid scaffolds. Acta Biomaterialia, 2020, 113, 177-195.	8.3	15
5	Thermoresponsive Stiffness Softening of Hierarchically Porous Nanohybrid Membranes Promotes Niches for Mesenchymal Stem Cell Differentiation. Advanced Healthcare Materials, 2019, 8, e1801556.	7.6	12
6	Development data associated with effects of stiffness softening of 3D-TIPS elastomer nanohybrid scaffolds on tissue ingrowth, vascularization and inflammation in vivo. Data in Brief, 2019, 22, 885-902.	1.0	3
7	Cellular responses to thermoresponsive stiffness memory elastomer nanohybrid scaffolds by 3D-TIPS. Acta Biomaterialia, 2019, 85, 157-171.	8.3	20
8	Data of a stiffness softening mechanism effect on proliferation and differentiation of a human bone marrow derived mesenchymal stem cell line towards the chondrogenic and osteogenic lineages. Data in Brief, 2018, 21, 133-142.	1.0	0
9	Stiffness memory nanohybrid scaffolds generated by indirect 3D printing for biologically responsive soft implants. Acta Biomaterialia, 2018, 80, 188-202.	8.3	22
10	Stiffness memory of indirectly 3D-printed elastomer nanohybrid regulates chondrogenesis and osteogenesis of human mesenchymal stem cells. Biomaterials, 2018, 186, 64-79.	11.4	46
11	Does laryngeal reinnervation or type I thyroplasty give better voice results for patients with unilateral vocal fold paralysis (VOCALIST): study protocol for a feasibility randomised controlled trial. BMJ Open, 2017, 7, e016871.	1.9	13
12	A quantitative, multi-national and multi-stakeholder assessment of barriers to the adoption of cell therapies. Journal of Tissue Engineering, 2017, 8, 204173141772441.	5.5	13
13	Towards reconstruction of epithelialized cartilages from autologous adipose tissue-derived stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3078-3089.	2.7	10
14	A Biodesigned Nanocomposite Biomaterial for Auricular Cartilage Reconstruction. Advanced Healthcare Materials, 2016, 5, 1203-1212.	7.6	18
15	Novel approach to in-vivo oesophageal regeneration. Lancet, The, 2016, 388, 6-7.	13.7	5
16	Polyol synthesis, functionalisation, and biocompatibility studies of superparamagnetic iron oxide nanoparticles as potential MRI contrast agents. Nanoscale, 2016, 8, 3278-3287.	5.6	173
17	Trachea transplantation: from laboratory to patient. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 357-367.	2.7	75
18	Tissue engineering airway mucosa: A systematic review. Laryngoscope, 2014, 124, 961-968.	2.0	35

#	Article	IF	Citations
19	Design and development of nanocomposite scaffolds for auricular reconstruction. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 235-246.	3.3	64
20	Tracheal bioengineering: the next steps. Proceeds of an International Society of Cell Therapy Pulmonary Cellular Therapy Signature Series Workshop, Paris, France, April 22, 2014. Cytotherapy, 2014, 16, 1601-1613.	0.7	33
21	Quantitative assessment of barriers to the clinical development and adoption of cellular therapies: A pilot study. Journal of Tissue Engineering, 2014, 5, 204173141455176.	5.5	19
22	Tracking stem cells in tissue-engineered organs using magnetic nanoparticles. Nanoscale, 2013, 5, 11362.	5.6	66
23	Interventional and Intrinsic Airway Homeostasis and Repair. Physiology, 2012, 27, 140-147.	3.1	7
24	Use of compassionate-case ATMP in preclinical data for clinical trial applications. Lancet, The, 2012, 379, 2341.	13.7	8
25	Advancing nasal reconstructive surgery: the application of tissue engineering technology. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 757-768.	2.7	22
26	Robotics, laryngeal transplantation, gene therapy, growth factors and facial transplantation. , 2012, , 1099-1112.		0
27	Regenerative medicine as applied to solid organ transplantation: current status and future challenges. Transplant International, 2011, 24, 223-232.	1.6	151
28	Stem-Cell â€œHypeâ€•in Tracheal Transplantation? A Response. Transplantation, 2010, 90, 928-929.	1.0	1
29	Both epithelial cells and mesenchymal stem cellâ€“derived chondrocytes contribute to the survival of tissue-engineered airway transplants in pigs. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 437-443.	0.8	139
30	The first stem cell-based tissue-engineered organ replacement: implications for regenerative medicine and society. Regenerative Medicine, 2009, 4, 147-148.	1.7	31
31	Airway Transplantation: A Debate Worth Having?. Transplantation, 2008, 85, 1075-1080.	1.0	35
32	Laryngeal abductor muscle reinnervation in a pig model. Acta Oto-Laryngologica, 2004, 124, 839-846.	0.9	16
33	Laryngeal transplantation. Transplantation Reviews, 2002, 16, 95-107.	2.9	1
34	Raman Spectroscopy for Early Detection of Laryngeal Malignancy: Preliminary Results. Laryngoscope, 2000, 110, 1756-1763.	2.0	200
35	Medical students in ENT outpatient clinics: appointment times, patient satisfaction and student satisfaction. Medical Education, 1999, 33, 669-673.	2.1	43
36	Human laryngeal allograft: shift of emphasis in transplantation. Lancet, The, 1998, 351, 539-540.	13.7	44