

Anthony J Bullock

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,334
citations

24
h-index

35
g-index

51
ext. papers

1,494
ext. citations

4.1
avg, IF

4.27
L-index

#	Paper	IF	Citations
50	Identification of a fibrin concentration that promotes skin cell outgrowth from skin explants onto a synthetic dermal substitute. <i>JPRAS Open</i> , 2020 , 25, 8-17	1.2	2
49	2-deoxy-d-ribose (2dDR) upregulates vascular endothelial growth factor (VEGF) and stimulates angiogenesis. <i>Microvascular Research</i> , 2020 , 131, 104035	3.7	8
48	Bacteria induced pH changes in tissue-engineered human skin detected non-invasively using Raman confocal spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2020 , 55, 158-171	4.5	17
47	Multifunctional Copper-Containing Mesoporous Glass Nanoparticles as Antibacterial and Proangiogenic Agents for Chronic Wounds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 246	5.8	14
46	Spatiotemporal release of VEGF from biodegradable polylactic-co-glycolic acid microspheres induces angiogenesis in chick chorionic allantoic membrane assay. <i>International Journal of Pharmaceutics</i> , 2019 , 561, 236-243	6.5	1
45	Characterisation of structural changes in collagen with Raman spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 509-542	4.5	22
44	Visualisation of the insertion of a membrane for the treatment of preterm rupture of fetal membranes using a synthetic model of a pregnant uterus. <i>Journal of Biomaterials Applications</i> , 2018 , 33, 234-244	2.9	1
43	Developing improved tissue-engineered buccal mucosa grafts for urethral reconstruction. <i>Canadian Urological Association Journal</i> , 2018 , 12, E234-E242	1.2	4
42	Stem Cell-Based Tissue-Engineered Laryngeal Replacement. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 677-687	6.9	25
41	Development of an implantable synthetic membrane for the treatment of preterm premature rupture of fetal membranes. <i>Journal of Biomaterials Applications</i> , 2016 , 30, 995-1003	2.9	5
40	Production of ascorbic acid releasing biomaterials for pelvic floor repair. <i>Acta Biomaterialia</i> , 2016 , 29, 188-197	10.8	27
39	Developing Repair Materials for Stress Urinary Incontinence to Withstand Dynamic Distension. <i>PLoS ONE</i> , 2016 , 11, e0149971	3.7	13
38	Tissue engineered buccal mucosa for urethroplasty: progress and future directions. <i>Advanced Drug Delivery Reviews</i> , 2015 , 82-83, 69-76	18.5	37
37	Application of Tissue Engineering to Pelvic Organ Prolapse and Stress Urinary Incontinence. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2015 , 7, 63-70	1.9	14
36	Biomaterials for pelvic floor reconstructive surgery: how can we do better?. <i>BioMed Research International</i> , 2015 , 2015, 968087	3	38
35	Development of a one-step approach for the reconstruction of full thickness skin defects using minced split thickness skin grafts and biodegradable synthetic scaffolds as a dermal substitute. <i>Burns</i> , 2014 , 40, 957-65	2.3	27
34	Application of layer-by-layer coatings to tissue scaffolds - development of an angiogenic biomaterial. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 5558-5568	7.3	29

33	The effect of ascorbic acid and fluid flow stimulation on the mechanical properties of a tissue engineered pelvic floor repair material. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014 , 228, 867-75	1.7	6
32	Glucomannan-poly(N-vinyl pyrrolidinone) bicomponent hydrogels for wound healing. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 727-738	7.3	39
31	Acute in vivo response to an alternative implant for urogynecology. <i>BioMed Research International</i> , 2014 , 2014, 853610	3	25
30	Tissue engineering airway mucosa: a systematic review. <i>Laryngoscope</i> , 2014 , 124, 961-8	3.6	29
29	Developing a tissue engineered repair material for treatment of stress urinary incontinence and pelvic organ prolapse-which cell source?. <i>Neurourology and Urodynamics</i> , 2014 , 33, 531-7	2.3	53
28	Development of a Basement Membrane Substitute Incorporated Into an Electrospun Scaffold for 3D Skin Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014 , 4, 686-692	0.3	17
27	Tissue engineering as a potential alternative or adjunct to surgical reconstruction in treating pelvic organ prolapse: comment on Boennelycke et al. <i>International Urogynecology Journal</i> , 2013 , 24, 881	2	0
26	Comparison of candidate scaffolds for tissue engineering for stress urinary incontinence and pelvic organ prolapse repair. <i>BJU International</i> , 2013 , 112, 674-85	5.6	56
25	High molecular weight plant heteropolysaccharides stimulate fibroblasts but inhibit keratinocytes. <i>Carbohydrate Research</i> , 2013 , 375, 90-9	2.9	17
24	Development of bilayer and trilayer nanofibrous/microfibrous scaffolds for regenerative medicine. <i>Biomaterials Science</i> , 2013 , 1, 942-951	7.4	36
23	Skin stem cell hypotheses and long term clone survival--explored using agent-based modelling. <i>Scientific Reports</i> , 2013 , 3, 1904	4.9	35
22	Mesh social networking: a patient-driven process. <i>BJU International</i> , 2012 , 109, E45-6; author reply E46	5.6	2
21	Are biomechanical properties predictive of the success of prostheses used in stress urinary incontinence and pelvic organ prolapse? A systematic review. <i>Neurourology and Urodynamics</i> , 2012 , 31, 13-21	2.3	42
20	Postproduction processing of electrospun fibres for tissue engineering. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	14
19	Developing biodegradable scaffolds for tissue engineering of the urethra. <i>BJU International</i> , 2011 , 107, 296-302	5.6	54
18	Methods to reduce the contraction of tissue-engineered buccal mucosa for use in substitution urethroplasty. <i>European Urology</i> , 2011 , 60, 856-61	10.2	19
17	Development of a calcium-chelating hydrogel for treatment of superficial burns and scalds. <i>Regenerative Medicine</i> , 2010 , 5, 55-64	2.5	32
16	Co-culture of intestinal epithelial and stromal cells in 3D collagen-based environments. <i>Regenerative Medicine</i> , 2009 , 4, 397-406	2.5	16

15	Decellularization and sterilization of porcine urinary bladder matrix for tissue engineering in the lower urinary tract. <i>Regenerative Medicine</i> , 2008 , 3, 145-56	2.5	111
14	Inhibition of keratinocyte-driven contraction of tissue-engineered skin in vitro by calcium chelation and early restraint but not submerged culture. <i>Journal of Burn Care and Research</i> , 2008 , 29, 369-77	0.8	12
13	The effect of induced biphasic pulsed currents on re-epithelialization of a novel wound healing model. <i>Bioelectromagnetics</i> , 2007 , 28, 31-41	1.6	21
12	Transglutaminase inhibitors induce hyperproliferation and parakeratosis in tissue-engineered skin. <i>British Journal of Dermatology</i> , 2007 , 156, 247-57	4	38
11	Randomized, controlled, single-blind study on use of autologous keratinocytes on a transfer dressing to treat nonhealing diabetic ulcers. <i>Regenerative Medicine</i> , 2007 , 2, 887-902	2.5	64
10	Use of human fibroblasts in the development of a xenobiotic-free culture and delivery system for human keratinocytes. <i>Tissue Engineering</i> , 2006 , 12, 245-55		48
9	Use of an in vitro model of tissue-engineered skin to investigate the mechanism of skin graft contraction. <i>Tissue Engineering</i> , 2006 , 12, 3119-33		48
8	Investigation of keratinocyte regulation of collagen I synthesis by dermal fibroblasts in a simple in vitro model. <i>British Journal of Dermatology</i> , 2006 , 154, 401-10	4	50
7	Tissue-engineered buccal mucosa for substitution urethroplasty. <i>BJU International</i> , 2004 , 93, 807-11	5.6	87
6	The effects of metabolic inhibition on force, Ca ²⁺ and pHi in guinea-pig ureteric smooth muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 435, 240-6	4.6	6
5	Developmental changes in intracellular pH buffering power in smooth muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 435, 575-7	4.6	15
4	Developmental and species differences in the response of the ureter to metabolic inhibition. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 436, 443-8	4.6	4
3	The role of the sarcolemmal Ca(2+)-ATPase in the pH transients associated with contraction in rat smooth muscle. <i>Journal of Physiology</i> , 1997 , 505 (Pt 2), 329-36	3.9	24
2	A role for protein phosphorylation in modulating Ca ²⁺ elevation in rabbit platelets treated with thapsigargin. <i>Biochemical Journal</i> , 1996 , 313 (Pt 1), 83-9	3.8	16
1	Myo-inositol 1,4,6-trisphosphorothioate and myo-inositol 1,3,4-trisphosphorothioate: New synthetic Ca ²⁺ -mobilising partial agonists at the inositol 1,4,5-trisphosphate receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995 , 5, 203-208	2.9	13