Anthony J Bullock

List of Publications by Year
in descending order

51 papers	1,668 citations	201385 27 h-index	288905 40 g-index
51 all docs	51 docs citations	51 times ranked	2343 citing authors

#	Article	IF	Citations
1	Decellularization and sterilization of porcine urinary bladder matrix for tissue engineering in the lower urinary tract. Regenerative Medicine, 2008, 3, 145-156.	0.8	134
2	Tissue-engineered buccal mucosa for substitution urethroplasty. BJU International, 2004, 93, 807-811.	1.3	106
3	Randomized, controlled, single-blind study on use of autologous keratinocytes on a transfer dressing to treat nonhealing diabetic ulcers. Regenerative Medicine, 2007, 2, 887-902.	0.8	84
4	Developing biodegradable scaffolds for tissue engineering of the urethra. BJU International, 2011, 107, 296-302.	1.3	66
5	Comparison of candidate scaffolds for tissue engineering for stress urinary incontinence and pelvic organ prolapse repair. BJU International, 2013, 112, 674-685.	1.3	61
6	Developing a tissue engineered repair material for treatment of stress urinary incontinence and pelvic organ prolapse-which cell source?. Neurourology and Urodynamics, 2014, 33, 531-537.	0.8	61
7	Investigation of keratinocyte regulation of collagen I synthesis by dermal fibroblasts in a simple in vitro model. British Journal of Dermatology, 2006, 154, 401-410.	1.4	59
8	Use of anin VitroModel of Tissue-Engineered Skin to Investigate the Mechanism of Skin Graft Contraction. Tissue Engineering, 2006, 12, 3119-3133.	4.9	56
9	Use of Human Fibroblasts in the Development of a Xenobiotic-Free Culture and Delivery System for Human Keratinocytes. Tissue Engineering, 2006, 12, 245-255.	4.9	55
10	Biomaterials for Pelvic Floor Reconstructive Surgery: How Can We Do Better?. BioMed Research International, 2015, 2015, 1-20.	0.9	50
11	Characterisation of structural changes in collagen with Raman spectroscopy. Applied Spectroscopy Reviews, 2019, 54, 509-542.	3.4	49
12	Are biomechanical properties predictive of the success of prostheses used in stress urinary incontinence and pelvic organ prolapse? A systematic review. Neurourology and Urodynamics, 2012, 31, 13-21.	0.8	46
13	Transglutaminase inhibitors induce hyperproliferation and parakeratosis in tissue-engineered skin. British Journal of Dermatology, 2007, 156, 247-257.	1.4	45
14	Development of a calcium-chelating hydrogel for treatment of superficial burns and scalds. Regenerative Medicine, 2010, 5, 55-64.	0.8	43
15	Glucomannan-poly(N-vinyl pyrrolidinone) bicomponent hydrogels for wound healing. Journal of Materials Chemistry B, 2014, 2, 727-738.	2.9	43
16	Skin Stem Cell Hypotheses and Long Term Clone Survival â€“ Explored Using Agent-based Modelling. Scientific Reports, 2013, 3, 1904.	1.6	42
17	Tissue engineered buccal mucosa for urethroplasty: Progress and future directions. Advanced Drug Delivery Reviews, 2015, 82-83, 69-76.	6.6	42
18	Production of ascorbic acid releasing biomaterials for pelvic floor repair. Acta Biomaterialia, 2016, 29, 188-197.	4.1	42

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19	Development of bilayer and trilayer nanofibrous/microfibrous scaffolds for regenerative medicine. Biomaterials Science, 2013, 1, 942.	2.6	37
20	Stem Cell-Based Tissue-Engineered Laryngeal Replacement. Stem Cells Translational Medicine, 2017, 6, 677-687.	1.6	36
21	Tissue engineering airway mucosa: A systematic review. Laryngoscope, 2014, 124, 961-968.	1.1	35
22	Application of layer-by-layer coatings to tissue scaffolds â€“ development of an angiogenic biomaterial. Journal of Materials Chemistry B, 2014, 2, 5558-5568.	2.9	35
23	Multifunctional Copper-Containing Mesoporous Glass Nanoparticles as Antibacterial and Proangiogenic Agents for Chronic Wounds. Frontiers in Bioengineering and Biotechnology, 2020, 8, 246.	2.0	33
24	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. Burns, 2014, 40, 957-965.	1.1	30
25	Bacteria induced pH changes in tissue-engineered human skin detected non-invasively using Raman confocal spectroscopy. Applied Spectroscopy Reviews, 2020, 55, 158-171.	3.4	29
26	The role of the sarcolemmal Ca2+-ATPase in the pH transients associated with contraction in rat smooth muscle. Journal of Physiology, 1997, 505, 329-336.	1.3	28
27	AcuteIn VivoResponse to an Alternative Implant for Urogynecology. BioMed Research International, 2014, 2014, 1-10.	0.9	27
28	The effect of induced biphasic pulsed currents on re-epithelialization of a novel wound healing model. Bioelectromagnetics, 2007, 28, 31-41.	0.9	24
29	Methods to Reduce the Contraction of Tissue-Engineered Buccal Mucosa for Use in Substitution Urethroplasty. European Urology, 2011, 60, 856-861.	0.9	22
30	High molecular weight plant heteropolysaccharides stimulate fibroblasts but inhibit keratinocytes. Carbohydrate Research, 2013, 375, 90-99.	1.1	22
31	Application of Tissue Engineering to Pelvic Organ Prolapse and Stress Urinary Incontinence. LUTS: Lower Urinary Tract Symptoms, 2015, 7, 63-70.	0.6	22
32	Developmental changes in intracellular pH buffering power in smooth muscle. Pflugers Archiv European Journal of Physiology, 1998, 435, 575-577.	1.3	19
33	Co-culture of intestinal epithelial and stromal cells in 3D collagen-based environments. Regenerative Medicine, 2009, 4, 397-406.	0.8	19
34	2-deoxy-d-ribose (2dDR) upregulates vascular endothelial growth factor (VEGF) and stimulates angiogenesis. Microvascular Research, 2020, 131, 104035.	1.1	19
35	Development of a Basement Membrane Substitute Incorporated Into an Electrospun Scaffold for 3D Skin Tissue Engineering. Journal of Biomaterials and Tissue Engineering, 2014, 4, 686-692.	0.0	19
36	A role for protein phosphorylation in modulating Ca2+ elevation in rabbit platelets treated with thapsigargin. Biochemical Journal, 1996, 313, 83-89.	1.7	16

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37	Postproduction Processing of Electrospun Fibres for Tissue Engineering. Journal of Visualized Experiments, 2012, , .	0.2	16
38	Developing Repair Materials for Stress Urinary Incontinence to Withstand Dynamic Distension. PLoS ONE, 2016, 11, e0149971.	1.1	16
39	Myo-inositol 1,4,6-trisphosphorothioate and myo-inositol 1,3,4-trisphosphorothioate: New synthetic Ca2+-mobilising partial agonists at the inositol 1,4,5-trisphosphate receptor. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 203-208.	1.0	14
40	Inhibition of Keratinocyte-Driven Contraction of Tissue-Engineered Skin In Vitro by Calcium Chelation and Early Restraint But Not Submerged Culture. Journal of Burn Care and Research, 2008, 29, 369-377.	0.2	12
41	Developing improved tissue-engineered buccal mucosa grafts for urethral reconstruction. Canadian Urological Association Journal, 2018, 12, E234-42.	0.3	10
42	The effects of metabolic inhibition on force, Ca 2+ and pH i in guinea-pig ureteric smooth muscle. Pflugers Archiv European Journal of Physiology, 1997, 435, 240-246.	1.3	9
43	The effect of ascorbic acid and fluid flow stimulation on the mechanical properties of a tissue engineered pelvic floor repair material. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2014, 228, 867-875.	1.0	8
44	Development of an implantable synthetic membrane for the treatment of preterm premature rupture of fetal membranes. Journal of Biomaterials Applications, 2016, 30, 995-1003.	1.2	8
45	Developing Wound Dressings Using 2-deoxy-D-Ribose to Induce Angiogenesis as a Backdoor Route for Stimulating the Production of Vascular Endothelial Growth Factor. International Journal of Molecular Sciences, 2021, 22, 11437.	1.8	5
46	Developmental and species differences in the response of the ureter to metabolic inhibition. Pflugers Archiv European Journal of Physiology, 1998, 436, 443-448.	1.3	4
47	Visualisation of the insertion of a membrane for the treatment of preterm rupture of fetal membranes using a synthetic model of a pregnant uterus. Journal of Biomaterials Applications, 2018, 33, 234-244.	1.2	3
48	Identification of a fibrin concentration that promotes skin cell outgrowth from skin explants onto a synthetic dermal substitute. JPRAS Open, 2020, 25, 8-17.	0.4	3
49	MESH SOCIAL NETWORKING: A PATIENTâ€DRIVEN PROCESS. BJU International, 2012, 109, E45-6; author reply E46.	1.3	2
50	Tissue engineering as a potential alternative or adjunct to surgical reconstruction in treating pelvic organ prolapse: comment on Boennelycke et al.. International Urogynecology Journal, 2013, 24, 881-881.	0.7	1
51	Spatiotemporal release of VEGF from biodegradable polylactic-co-glycolic acid microspheres induces angiogenesis in chick chorionic allantoic membrane assay. International Journal of Pharmaceutics, 2019, 561, 236-243.	2.6	1