

Anthony D Metcalfe

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,111
citations

393982

19
h-index

525886

27
g-index

29
all docs

29
docs citations

29
times ranked

2966
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue engineering of replacement skin: the crossroads of biomaterials, wound healing, embryonic development, stem cells and regeneration. <i>Journal of the Royal Society Interface</i> , 2007, 4, 413-437.	1.5	630
2	Integrin-Mediated Survival Signals Regulate the Apoptotic Function of Bax through Its Conformation and Subcellular Localization. <i>Journal of Cell Biology</i> , 2000, 149, 431-446.	2.3	261
3	Bioengineering skin using mechanisms of regeneration and repair. <i>Biomaterials</i> , 2007, 28, 5100-5113.	5.7	200
4	Spatial and temporal changes in Bax subcellular localization during anoikis. <i>Journal of Cell Biology</i> , 2003, 162, 599-612.	2.3	124
5	Expression of 11 members of the BCL-2 family of apoptosis regulatory molecules during human preimplantation embryo development and fragmentation. <i>Molecular Reproduction and Development</i> , 2004, 68, 35-50.	1.0	94
6	Avotermin for Scar Improvement following Scar Revision Surgery: A Randomized, Double-Blind, Within-Patient, Placebo-Controlled, Phase II Clinical Trial. <i>Plastic and Reconstructive Surgery</i> , 2011, 128, 163-172.	0.7	93
7	Interleukin-10 reduces scar formation in both animal and human cutaneous wounds: Results of two preclinical and phase randomized control studies. <i>Wound Repair and Regeneration</i> , 2013, 21, 428-436.	1.5	92
8	Regeneration of the ear after wounding in different mouse strains is dependent on the severity of wound trauma. <i>Developmental Dynamics</i> , 2003, 226, 388-397.	0.8	68
9	Bioactive glasses and electrospun composites that release cobalt to stimulate the HIF pathway for wound healing applications. <i>Biomaterials Research</i> , 2021, 25, 1.	3.2	65
10	Bacteriophage Can Prevent Encrustation and Blockage of Urinary Catheters by <i>Proteus mirabilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1530-1536.	1.4	61
11	Epithelial apoptosis. <i>BioEssays</i> , 1997, 19, 711-720.	1.2	55
12	Location of injury influences the mechanisms of both regeneration and repair within the MRL/MpJ mouse. <i>Journal of Anatomy</i> , 2006, 209, 547-559.	0.9	44
13	Characterizing regeneration in the vertebrate ear. <i>Journal of Anatomy</i> , 2006, 209, 439-446.	0.9	43
14	Peripheral nerve regeneration in the MRL/MpJ ear wound model. <i>Journal of Anatomy</i> , 2011, 218, 163-172.	0.9	43
15	Denervation affects regenerative responses in MRL/MpJ and repair in C57BL/6 ear wounds. <i>Journal of Anatomy</i> , 2012, 220, 3-12.	0.9	36
16	Development of a High-Throughput ex-Vivo Burn Wound Model Using Porcine Skin, and Its Application to Evaluate New Approaches to Control Wound Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 196.	1.8	34
17	Therapeutic Improvement of Scarring: Mechanisms of Scarless and Scar-Forming Healing and Approaches to the Discovery of New Treatments. <i>Dermatology Research and Practice</i> , 2010, 2010, 1-10.	0.3	33
18	Trabecular bone organoids: a micron-scale humanised prototype designed to study the effects of microgravity and degeneration. <i>Npj Microgravity</i> , 2021, 7, 17.	1.9	29

#	ARTICLE	IF	CITATIONS
19	The effect of Mannose-6-Phosphate on recovery after sciatic nerve repair. Brain Research, 2011, 1394, 40-48.	1.1	21
20	Effects of interleukin-10 on cutaneous wounds and scars in humans of African continental ancestral origin. Wound Repair and Regeneration, 2014, 22, 326-333.	1.5	19
21	Amplification of representative cDNA pools from single human oocytes and pronucleate embryos. Molecular Reproduction and Development, 2003, 65, 1-8.	1.0	16
22	Reduction of Tendon Adhesions following Administration of Adaprev, a Hypertonic Solution of Mannose-6-Phosphate: Mechanism of Action Studies. PLoS ONE, 2014, 9, e112672.	1.1	16
23	The effect of isolation and culture methods on epithelial stem cell populations and their progeny toward an improved cell expansion protocol for clinical application. Cytotherapy, 2014, 16, 1750-1759.	0.3	15
24	A suspended layer additive manufacturing approach to the bioprinting of tri-layered skin equivalents. APL Bioengineering, 2021, 5, 046103.	3.3	6
25	Histomorphometric changes in repaired mouse sciatic nerves are unaffected by the application of a scar-reducing agent. Journal of Anatomy, 2011, 219, 638-645.	0.9	5
26	Advances in Biopharmaceutical Agents and Growth Factors for Wound Healing and Scarring. , 2016, , 337-355.		3
27	Ex vivo culture of keratinocytes on papillary and reticular dermal layers remodels skin explants differently: towards improved wound care. Archives of Dermatological Research, 2019, 311, 647-652.	1.1	3
28	In vitro modelling of disease-induced changes in the diabetic wound fibroblast. Journal of Wound Care, 2021, 30, 300-303.	0.5	1