Michelle Griffin

List of Publications by Year
in descending order

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30 papers	1,371 citations	516710 16 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1888 citing authors

#	Article	IF	Citations
1	Preventing Engrailed-1 activation in fibroblasts yields wound regeneration without scarring. Science, 2021, 372, .	12.6	269
2	Impact of the Coronavirus (COVID-19) pandemic on surgical practice - Part 1. International Journal of Surgery, 2020, 79, 168-179.	2.7	205
3	Impact of the Coronavirus (COVID-19) pandemic on surgical practice - Part 2 (surgical prioritisation). International Journal of Surgery, 2020, 79, 233-248.	2.7	177
4	Health policy and leadership models during the COVID-19 pandemic: A review. International Journal of Surgery, 2020, 81, 122-129.	2.7	112
5	Impact of the coronavirus (COVID-19) pandemic on scientific research and implications for clinical academic training â€“ A review. International Journal of Surgery, 2021, 86, 57-63.	2.7	92
6	Electrical stimulation in bone healing: critical analysis by evaluating levels of evidence. Eplasty, 2011, 11, e34.	0.4	68
7	Degenerate Wave and Capacitive Coupling Increase Human MSC Invasion and Proliferation While Reducing Cytotoxicity in an In Vitro Wound Healing Model. PLoS ONE, 2011, 6, e23404.	2.5	52
8	Disrupting biological sensors of force promotes tissue regeneration in large organisms. Nature Communications, 2021, 12, 5256.	12.8	43
9	Characteristics of human adipose derived stem cells in scleroderma in comparison to sex and age matched normal controls: implications for regenerative medicine. Stem Cell Research and Therapy, 2017, 8, 23.	5.5	42
10	Stem cell enriched lipotransfer reverses the effects of fibrosis in systemic sclerosis. PLoS ONE, 2019, 14, e0218068.	2.5	39
11	Argon plasma improves the tissue integration and angiogenesis of subcutaneous implants by modifying surface chemistry and topography. International Journal of Nanomedicine, 2018, Volume 13, 6123-6141.	6.7	35
12	Disrupting mechanotransduction decreases fibrosis and contracture in split-thickness skin grafting. Science Translational Medicine, 2022, 14, eabj9152.	12.4	31
13	Enhancement of Differentiation and Mineralisation of Osteoblast-like Cells by Degenerate Electrical Waveform in an In Vitro Electrical Stimulation Model Compared to Capacitive Coupling. PLoS ONE, 2013, 8, e72978.	2.5	29
14	Development of mechano-responsive polymeric scaffolds using functionalized silica nano-fillers for the control of cellular functions. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1725-1733.	3.3	25
15	Evaluation of Sterilisation Techniques for Regenerative Medicine Scaffolds Fabricated with Polyurethane Nonbiodegradable and Bioabsorbable Nanocomposite Materials. International Journal of Biomaterials, 2018, 2018, 1-14.	2.4	22
16	Preparing for COVID-19 exit strategies. Annals of Medicine and Surgery, 2021, 61, 88-92.	1.1	21
17	Mechanical Strain Drives Myeloid Cell Differentiation Toward Proinflammatory Subpopulations. Advances in Wound Care, 2022, 11, 466-478.	5.1	17
18	Decellularized Adipose Matrices Can Alleviate Radiation-Induced Skin Fibrosis. Advances in Wound Care, 2022, 11, 524-536.	5.1	13

#	Article	IF	Citations
19	Argon plasma modified nanocomposite polyurethane scaffolds provide an alternative strategy for cartilage tissue engineering. Journal of Nanobiotechnology, 2019, 17, 51.	9.1	12
20	Angiogenic CD34+CD146+ adiposeâ€derived stromal cells augment recovery of soft tissue after radiotherapy. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 1105-1117.	2.7	11
21	Transdermal deferoxamine administration improves excisional wound healing in chronically irradiated murine skin. Journal of Translational Medicine, 2022, 20, .	4.4	11
22	A comparative analysis of deferoxamine treatment modalities for dermal radiationâ€induced fibrosis. Journal of Cellular and Molecular Medicine, 2021, 25, 10028-10038.	3.6	10
23	Standardizing Dimensionless Cutometer Parameters to Determine In Vivo Elasticity of Human Skin. Advances in Wound Care, 2022, 11, 297-310.	5.1	8
24	Fat Grafts Augmented With Vitamin E Improve Volume Retention and Radiation-Induced Fibrosis. Aesthetic Surgery Journal, 2022, 42, 946-955.	1.6	8
25	Pilot study of myocardial ischemia-induced metabolomic changes in emergency department patients undergoing stress testing. PLoS ONE, 2019, 14, e0211762.	2.5	7
26	Feasibility study of stem-cell enriched autologous lipotransfer to treat oro-facial fibrosis in systemic sclerosis (Sys-Stem): Protocol for open-label randomised controlled trial. International Journal of Surgery Protocols, 2020, 23, 6-10.	1.1	4
27	The Adrenergic System in Plastic and Reconstructive Surgery. Annals of Plastic Surgery, 2021, 87, e62-e70.	0.9	4
28	Slow chlorine releasing compounds: A viable sterilisation method for bioabsorbable nanocomposite biomaterials. Journal of Biomaterials Applications, 2016, 30, 1114-1124.	2.4	3
29	Autologous Fat Grafting Provides Good Outcomes as a Soft-Tissue Replacement in Hemifacial Atrophy. Aesthetic Surgery Journal, 2020, 40, NP103-NP105.	1.6	1
30	Oro-facial fibrosis in systemic sclerosis: a reconstructive journey. BMJ Case Reports, 2020, 13, e236663.	0.5	0