

# Michael P Francis

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

578  
citations

840776

11  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolating adipose-derived mesenchymal stem cells from lipoaspirate blood and saline fraction. <i>Organogenesis</i> , 2010, 6, 11-14.	1.2	108
2	Cross-linking methods of electrospun fibrinogen scaffolds for tissue engineering applications. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 045001.	3.3	91
3	Mesenchymal stem cells in mammary adipose tissue stimulate progression of breast cancer resembling the basal-type. <i>Cancer Biology and Therapy</i> , 2012, 13, 782-792.	3.4	62
4	Defining essential stem cell characteristics in adipose-derived stromal cells extracted from distinct anatomical sites. <i>Cell and Tissue Research</i> , 2012, 349, 505-515.	2.9	62
5	Human placenta hydrogel reduces scarring in a rat model of cardiac ischemia and enhances cardiomyocyte and stem cell cultures. <i>Acta Biomaterialia</i> , 2017, 52, 92-104.	8.3	57
6	Electrospinning adipose tissue-derived extracellular matrix for adipose stem cell culture. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1716-1724.	4.0	43
7	Electrospun silk-collagen scaffolds and BMP-13 for ligament and tendon repair and regeneration. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025013.	1.2	22
8	Demineralized bone matrix fibers formable as general and custom 3D printed mold-based implants for promoting bone regeneration. <i>Biofabrication</i> , 2016, 8, 035007.	7.1	16
9	Comprehensive collagen crosslinking comparison of microfluidic wet-extruded microfibers for bioactive surgical suture development. <i>Acta Biomaterialia</i> , 2021, 128, 186-200.	8.3	15
10	Recellularized human dermis for testing gene electrotransfer <i>ex vivo</i> . <i>Biomedical Materials (Bristol)</i> , 2016, 11, 035002.	3.3	13
11	Preferential Lineage-Specific Differentiation of Osteoblast-Derived Induced Pluripotent Stem Cells into Osteoprogenitors. <i>Stem Cells International</i> , 2017, 2017, 1-15.	2.5	12
12	Biomanufacturing organized collagen-based microfibers as a Tissue Engineered Device (TEND) for tendon regeneration. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 025025.	3.3	12
13	Enhanced osseous integration of human trabecular allografts following surface modification with bioactive lipids. <i>Drug Delivery and Translational Research</i> , 2016, 6, 96-104.	5.8	11
14	Additive manufacturing for biofabricated medical device applications. , 2018, , 311-344.		11
15	Pneumatospinning of collagen microfibers from benign solvents. <i>Biofabrication</i> , 2018, 10, 045004.	7.1	9
16	Assembled Cell-Decorated Collagen (AC-DC) Fiber Bioprinted Implants with Musculoskeletal Tissue Properties Promote Functional Recovery in Volumetric Muscle Loss. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101357.	7.6	7
17	Direct crystal formation from micronized bone and lactic acid: The writing on the wall for calcium-containing crystal pathogenesis in osteoarthritis?. <i>PLoS ONE</i> , 2018, 13, e0202373.	2.5	5
18	Monopolar gene electrotransfer enhances plasmid DNA delivery to skin. <i>Bioelectrochemistry</i> , 2021, 140, 107814.	4.6	5

#	ARTICLE	IF	CITATIONS
19	Workshop on the characterization of fiber-based scaffolds: Challenges, progress, and future directions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2063-2072.	3.4	4
20	Reduction of plasmid vector backbone length enhances reporter gene expression. <i>Bioelectrochemistry</i> , 2022, 144, 107981.	4.6	4
21	Modeling early stage bone regeneration with biomimetic electrospun fibrinogen nanofibers and adipose-derived mesenchymal stem cells. <i>Electrospinning</i> , 2016, 1, .	1.6	3
22	VEGF-B electrotransfer mediated gene therapy induces cardiomyogenesis in a rat model of cardiac ischemia. <i>Bioelectrochemistry</i> , 2018, 124, 105-111.	4.6	3
23	Gene electrotransfer of FGF2 enhances collagen scaffold biocompatibility. <i>Bioelectrochemistry</i> , 2022, 144, 107980.	4.6	2
24	Cardioporation enhances myocardial gene expression in rat heart. <i>Bioelectrochemistry</i> , 2021, 142, 107892.	4.6	1