

# Michele T Martin

## List of Publications by Year in descending order

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50  
papers

2,250  
citations

331670  
21  
h-index

214800  
47  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosuppressive Properties of Epidermal Keratinocytes Differ According to Their Immaturity Status. <i>Frontiers in Immunology</i> , 2022, 13, 786859.	4.8	2
2	Human Keratinocytes Inhibit CD4+ T-Cell Proliferation through TGFβ1 Secretion and Surface Expression of HLA-G1 and PD-L1 Immune Checkpoints. <i>Cells</i> , 2021, 10, 1438.	4.1	9
3	Skin Immunity and Tolerance: Focus on Epidermal Keratinocytes Expressing HLA-G. <i>Frontiers in Immunology</i> , 2021, 12, 772516.	4.8	16
4	When the Search for Stemness Genes Meets the Skin Substitute Bioengineering Field: KLF4 Transcription Factor under the Light. <i>Cells</i> , 2020, 9, 2188.	4.1	4
5	Impairment of Base Excision Repair in Dermal Fibroblasts Isolated From Nevroid Basal Cell Carcinoma Patients. <i>Frontiers in Oncology</i> , 2020, 10, 1551.	2.8	1
6	Exposure of Human Skin Organoids to Low Genotoxic Stress Can Promote Epithelial-to-Mesenchymal Transition in Regenerating Keratinocyte Precursor Cells. <i>Cells</i> , 2020, 9, 1912.	4.1	7
7	NFATC2 Modulates Radiation Sensitivity in Dermal Fibroblasts From Patients With Severe Side Effects of Radiotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 589168.	2.8	1
8	Iterative Three-Dimensional Epidermis Bioengineering and Xenografting to Assess Long-Term Regenerative Potential in Human Keratinocyte Precursor Cells. <i>Methods in Molecular Biology</i> , 2019, 2109, 155-167.	0.9	4
9	KLF4 inhibition promotes the expansion of keratinocyte precursors from adult human skin and of embryonic-stem-cell-derived keratinocytes. <i>Nature Biomedical Engineering</i> , 2019, 3, 985-997.	22.5	25
10	Severe PATCHED1 Deficiency in Cancer-Prone Gorlin Patient Cells Results in Intrinsic Radiosensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 417-425.	0.8	19
11	Quantitative Detection of Low-Abundance Transcripts at Single-Cell Level in Human Epidermal Keratinocytes by Digital Droplet Reverse Transcription-Polymerase Chain Reaction. <i>Methods in Molecular Biology</i> , 2018, 1879, 31-41.	0.9	1
12	ICRP Publication 131: Stem cell biology with respect to carcinogenesis aspects of radiological protection. <i>Annals of the ICRP</i> , 2016, 45, 239-252.	3.8	6
13	Human epidermal stem cells: Role in adverse skin reactions and carcinogenesis from radiation. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 349-368.	5.5	42
14	Bioengineering a Human Plasma-Based Epidermal Substitute With Efficient Grafting Capacity and High Content in Clonogenic Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 643-654.	3.3	16
15	Monitoring the Cycling Activity of Cultured Human Keratinocytes Using a CFSE-Based Dye Tracking Approach. <i>Methods in Molecular Biology</i> , 2013, 989, 83-97.	0.9	4
16	Functional interplay between p63 and p53 controls RUNX1 function in the transition from proliferation to differentiation in human keratinocytes. <i>Cell Death and Disease</i> , 2012, 3, e318-e318.	6.3	44
17	Laser-plasma accelerators-based high energy radiation femtochemistry and spatio-temporal radiation biomedicine. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
18	FGF2 mediates DNA repair in epidermoid carcinoma cells exposed to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2012, 88, 688-693.	1.8	9

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19	Cellular organization of the human epidermal basal layer: Clues sustaining a hierarchical model. International Journal of Radiation Biology, 2012, 88, 677-681.	1.8	3
20	CD98hc (SLC3A2) is a key regulator of keratinocyte adhesion. Journal of Dermatological Science, 2011, 61, 169-179.	1.9	14
21	Cellular adhesion on collagen: a simple method to select human basal keratinocytes which preserves their high growth capacity. European Journal of Dermatology, 2011, 21, 12-20.	0.6	7
22	Investigating human keratinocyte stem cell identity. European Journal of Dermatology, 2011, 21, 4-11.	0.6	2
23	Fibroblast Growth Factor Type 2 Signaling Is Critical for DNA Repair in Human Keratinocyte Stem Cells. Stem Cells, 2010, 28, 1639-1648.	3.2	29
24	Exploration of the functional hierarchy of the basal layer of human epidermis at the single-cell level using parallel clonal microcultures of keratinocytes. Experimental Dermatology, 2010, 19, 387-392.	2.9	30
25	Exploring ultrashort high-energy electron-induced damage in human carcinoma cells. Cell Death and Disease, 2010, 1, e73-e73.	6.3	55
26	Response of normal stem cells to ionizing radiation: A balance between homeostasis and genomic stability. Mutation Research - Reviews in Mutation Research, 2010, 704, 167-174.	5.5	62
27	Functional Investigations of Keratinocyte Stem Cells and Progenitors at a Single-Cell Level Using Multiparallel Clonal Microcultures. Methods in Molecular Biology, 2010, 585, 13-23.	0.9	8
28	GATA3 is a master regulator of the transcriptional response to low-dose ionizing radiation in human keratinocytes. BMC Genomics, 2009, 10, 417.	2.8	14
29	Molecular profile of mouse stromal mesenchymal stem cells. Physiological Genomics, 2007, 29, 128-138.	2.3	40
30	Sensing radiosensitivity of human epidermal stem cells. Radiotherapy and Oncology, 2007, 83, 267-276.	0.6	54
31	177. International Journal of Radiation Oncology Biology Physics, 2006, 66, S99.	0.8	0
32	Human Side Population Keratinocytes Exhibit Long-Term Proliferative Potential and a Specific Gene Expression Profile and Can Form a Pluristratified Epidermis. Stem Cells, 2006, 24, 965-974.	3.2	98
33	Activation of an energy providing response in human keratinocytes after $\hat{I}^3$ irradiation. Journal of Cellular Biochemistry, 2005, 95, 620-631.	2.6	19
34	CD98, a novel marker of transient amplifying human keratinocytes. Proteomics, 2005, 5, 3637-3645.	2.2	17
35	Id2 Reverses Cell Cycle Arrest Induced by $\hat{I}^3$ -Irradiation in Human HaCaT Keratinocytes. Journal of Biological Chemistry, 2005, 280, 15836-15841.	3.4	18
36	Low-Dose Exposure to $\hat{I}^3$ Rays Induces Specific Gene Regulations in Normal Human Keratinocytes. Radiation Research, 2005, 163, 623-635.	1.5	96

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37	Expression profiling of genes and proteins in HaCaT keratinocytes: Proliferating versus differentiated state. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 1048-1062.	2.6	20
38	Altered proliferation and differentiation of human epidermis in cases of skin fibrosis after radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 385-393.	0.8	48
39	Cu/Zn superoxide dismutase modulates phenotypic changes in cultured fibroblasts from human skin with chronic radiotherapy damage. <i>Radiotherapy and Oncology</i> , 2001, 58, 325-331.	0.6	58
40	Alteration of Transforming Growth Factor- $\beta$ 1 Response Involves Down-Regulation of Smad3 Signaling in Myofibroblasts from Skin Fibrosis. <i>American Journal of Pathology</i> , 2001, 159, 263-272.	3.8	56
41	Antifibrotic action of Cu/Zn SOD is mediated by TGF- $\beta$ 1 repression and phenotypic reversion of myofibroblasts. <i>Free Radical Biology and Medicine</i> , 2001, 30, 30-42.	2.9	94
42	TGF- $\beta$ 1 and radiation fibrosis: a master switch and a specific therapeutic target?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 47, 277-290.	0.8	602
43	Striking regression of subcutaneous fibrosis induced by high doses of gamma rays using a combination of pentoxifylline and $\alpha$ -tocopherol: an experimental study. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 43, 839-847.	0.8	137
44	Abnormal phenotype of cultured fibroblasts in human skin with chronic radiotherapy damage. <i>Radiotherapy and Oncology</i> , 1998, 47, 255-261.	0.6	61
45	Successful treatment of radiation-induced fibrosis using and Mn-SOD: An experimental study. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 35, 305-312.	0.8	145
46	Temporal Modulation of TGF- $\beta$ 1 and $\beta$ -Actin Gene Expression in Pig Skin and Muscular Fibrosis after Ionizing Radiation. <i>Radiation Research</i> , 1993, 134, 63.	1.5	130
47	Chromosomal anomalies in radiation-induced fibrosis in the pig. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 284, 257-263.	1.0	6
48	Fibronectin and collagen gene expression during in vitro ageing of pig skin fibroblasts. <i>Experimental Cell Research</i> , 1990, 191, 8-13.	2.6	60
49	Abnormal Proliferation and Aging of Cultured Fibroblasts From Pigs With Subcutaneous Fibrosis Induced by Gamma Irradiation. <i>Journal of Investigative Dermatology</i> , 1989, 93, 497-500.	0.7	27
50	Radiosensitivity of swine lymphocytes: in vitro modification of the cell cycle and kinetics of the appearance of chromosomal aberrations. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984, 126, 169-175.	1.0	8