Michele C Madigan

List of Publications by Year
in descending order

87	3,145	186209 28	182361 51
papers	citations	h-index	g-index

91	91	91	4578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human meibomian gland epithelial cell culture models: Current progress, challenges, and future directions. Ocular Surface, 2022, 23, 96-113.	2.2	7
2	Metabolism Dysregulation in Retinal Diseases and Related Therapies. Antioxidants, 2022, 11, 942.	2.2	9
3	Involvement of mutant and wild-type CYSLTR2 in the development and progression of uveal nevi and melanoma. BMC Cancer, 2021, 21, 164.	1.1	18
4	Development of new therapeutic options for the treatment of uveal melanoma. FEBS Journal, 2021, 288, 6226-6249.	2.2	19
5	Semi-quantification of lipids in human meibomian gland epithelial cells using dual staining microplate assays. Experimental Eye Research, 2021, 210, 108719.	1.2	4
6	Implantation and long-term assessment of the stability and biocompatibility of a novel 98 channel suprachoroidal visual prosthesis in sheep. Biomaterials, 2021, 279, 121191.	5.7	7
7	Safety and biocompatibility of a bionic eye: Imaging, intraocular pressure, and histology data. Data in Brief, 2021, 39, 107634.	0.5	0
8	Extracellular matrix and oxidative stress regulate human retinal pigment epithelium growth. Free Radical Biology and Medicine, 2020, 146, 357-371.	1.3	30
9	Choroidal detachments: what do optometrists need to know?. Australasian journal of optometry, The, 2019, 102, 116-125.	0.6	16
10	Corneal epithelial dendritic cell density in the healthy human cornea: A meta-analysis of in-vivo confocal microscopy data. Ocular Surface, 2019, 17, 753-762.	2.2	27
11	Particle-Mediated Gene Transfection and Organotypic Culture of Postmortem Human Retina. Translational Vision Science and Technology, 2019, 8, 7.	1.1	6
12	HMG-CoA reductase expression in human eyelid tissue and in a human meibomian gland epithelial cell line. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 785-790.	1.0	8
13	Tumour Expression of Histone Deacetylases in Uveal Melanoma. Ocular Oncology and Pathology, 2019, 5, 153-161.	0.5	11
14	Human macular MÃ¼ller cells rely more on serine biosynthesis to combat oxidative stress than those from the periphery. ELife, 2019, 8, .	2.8	38
15	670nm light treatment following retinal injury modulates MÃ¼ller cell gliosis: Evidence from in vivo and in vitro stress models. Experimental Eye Research, 2018, 169, 1-12.	1.2	18
16	Investigation of corneal endothelial changes post selective laser trabeculoplasty. Clinical and Experimental Ophthalmology, 2018, 46, 730-737.	1.3	8
17	In-VitroEffects of Secreted Frizzled-Related Protein 1 (SFRP1) On Human Corneal Epithelial Cells. Current Eye Research, 2018, 43, 455-459.	0.7	12
18	Disruption of De Novo Serine Synthesis in MÃ¼ller Cells Induced Mitochondrial Dysfunction and Aggravated Oxidative Damage. Molecular Neurobiology, 2018, 55, 7025-7037.	1.9	49

#	Article	IF	Citations
19	RNA-Seq analysis and comparison of corneal epithelium in keratoconus and myopia patients. Scientific Reports, 2018, 8, 389.	1.6	56
20	Human choroidal melanocytes express functional Toll-like receptors (TLRs). Experimental Eye Research, 2018, 173, 73-84.	1.2	18
21	Comparative performance of lissamine green stains. Contact Lens and Anterior Eye, 2018, 41, 23-27.	0.8	12
22	Dual roles of different redox forms of complement factor H in protecting against age related macular degeneration. Free Radical Biology and Medicine, 2018, 129, 237-246.	1.3	10
23	Conjunctival MUC5AC+ goblet cell index: relationship with corneal nerves and dry eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 2249-2257.	1.0	8
24	MicroRNA-124 Dysregulation is Associated With Retinal Inflammation and Photoreceptor Death in the Degenerating Retina. , 2018, 59, 4094.		48
25	Microglia-derived IL-1Î² promotes chemokine expression by MÃ¼ller cells and RPE in focal retinal degeneration. Molecular Neurodegeneration, 2017, 12, 31.	4.4	101
26	Photobiomodulation with 670Ânm light ameliorates MÃ¼ller cell-mediated activation of microglia and macrophages in retinal degeneration. Experimental Eye Research, 2017, 165, 78-89.	1.2	18
27	Retinal Macrophages Synthesize C3 and Activate Complement in AMD and in Models of Focal Retinal Degeneration. , 2017, 58, 2977.		95
28	Nitration of tyrosines in complement factor H domains alters its immunological activity and mediates a pathogenic role in age related macular degeneration. Oncotarget, 2017, 8, 49016-49032.	0.8	16
29	The Fifth Domain of Beta 2 Glycoprotein I Protects from Natural IgM Mediated Cardiac Ischaemia Reperfusion Injury. PLoS ONE, 2016, 11, e0152681.	1.1	4
30	Identification of Aâ…¡ amacrine, displaced amacrine, and bistratified ganglion cell types in human retina with antibodies against calretinin. Journal of Comparative Neurology, 2016, 524, 39-53.	0.9	40
31	Chloroquine and Hydroxychloroquine Are Novel Inhibitors of Human Organic Anion Transporting Polypeptide 1A2. Journal of Pharmaceutical Sciences, 2016, 105, 884-890.	1.6	61
32	The Role of Pyruvate in Protecting 661W Photoreceptor-Like Cells Against Light-Induced Cell Death. Current Eye Research, 2016, 41, 1473-1481.	0.7	16
33	Vitreous floaters: Etiology, diagnostics, and management. Survey of Ophthalmology, 2016, 61, 211-227.	1.7	124
34	Do Beta 2-Glycoprotein I Disulfide Bonds Protect the Human Retina in the Setting of Age-Related Macular Degeneration?. Antioxidants and Redox Signaling, 2016, 24, 32-38.	2.5	11
35	In-depth proteomic profiling of the uveal melanoma secretome. Oncotarget, 2016, 7, 49623-49635.	0.8	45
36	Human organic anion transporting polypeptide 1<scp>A</scp>2 (<scp>OATP1A2</scp>) mediates cellular uptake of allâ€transâ€retinol in human retinal pigmented epithelial cells. British Journal of Pharmacology, 2015, 172, 2343-2353.	2.7	30

#	Article	IF	Citations
37	Expression of HGF and c-Met Proteins in Human Keratoconus Corneas. Journal of Ophthalmology, 2015, 2015, 1-8.	0.6	18
38	Evidence for Lymphatics in the Developing and Adult Human Choroid. Investigative Ophthalmology and Visual Science, 2015, 56, 1310-1327.	3.3	51
39	Comparison of contemporary tests of ocular surface health in habitual contact lens and non-contact lens wearers. Contact Lens and Anterior Eye, 2015, 38, e9.	0.8	0
40	Proteome changes induced by laser in diabetic retinopathy. Clinical and Experimental Ophthalmology, 2015, 43, 180-187.	1.3	9
41	Age-Related Macular Degeneration. Optometry and Vision Science, 2014, 91, 832-848.	0.6	28
42	Immunomodulatory Effects of Bone Marrow-Derived Mesenchymal Stem Cells on Pro-Inflammatory Cytokine-Stimulated Human Corneal Epithelial Cells. PLoS ONE, 2014, 9, e101841.	1.1	33
43	Tear Fluid Protein Biomarkers. Advances in Clinical Chemistry, 2013, 62, 151-196.	1.8	41
44	Expression of SFRP Family Proteins in Human Keratoconus Corneas. PLoS ONE, 2013, 8, e66770.	1.1	17
45	Contributions of Ocular Surface Components to Matrix-Metalloproteinases (MMP)-2 and MMP-9 in Feline Tears following Corneal Epithelial Wounding. PLoS ONE, 2013, 8, e71948.	1.1	19
46	Tear levels of SFRP1 are significantly reduced in keratoconus patients. Molecular Vision, 2013, 19, 509-xxx.	1.1	23
47	An inverse relationship between KAI1 expression, invasive ability, and MMP-2 expression and activity in bladder cancer cell lines. Urologic Oncology: Seminars and Original Investigations, 2012, 30, 502-508.	0.8	14
48	Using soybean trypsin inhibitor as an external loading control for Western blot analysis of tear proteins: Application to corneal disease. Experimental Eye Research, 2012, 99, 55-62.	1.2	10
49	A preliminary study of changes in tear film proteins in the feline eye following nictitating membrane removal. Veterinary Ophthalmology, 2012, 15, 164-171.	0.6	3
50	Monoclonal antibody targeting MUC1 and increasing sensitivity to docetaxel as a novel strategy in treating human epithelial ovarian cancer. Cancer Letters, 2011, 300, 122-133.	3.2	25
51	Depressive symptoms and quality of life in people with ageâ€•related macular degeneration. Ophthalmic and Physiological Optics, 2011, 31, 375-380.	1.0	61
52	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. Nature, 2011, 471, 325-330.	13.7	573
53	Crisis in optometric screening of diabetic retinopathy: illusion or reality. Clinical and Experimental Ophthalmology, 2011, 39, 193-194.	1.3	3
54	Expression of urokinase plasminogen activator and its receptor in advanced epithelial ovarian cancer patients. Gynecologic Oncology, 2009, 114, 265-272.	0.6	46

#	Article	IF	Citations
55	Differential expression of anti-angiogenic factors and guidance genes in the developing macula. Molecular Vision, 2009, 15, 45-59.	1.1	48
56	Gradients of Eph-A6 expression in primate retina suggest roles in both vascular and axon guidance. Molecular Vision, 2009, 15, 2649-62.	1.1	17
57	The role of extracellular matrix metalloproteinase inducer protein in prostate cancer progression. Cancer Immunology, Immunotherapy, 2008, 57, 1367-1379.	2.0	34
58	The effect of ultraviolet radiation on choroidal melanocytes and melanoma cell lines: cell survival and matrix metalloproteinase production. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 715-724.	1.0	11
59	Expression and distribution of MUC18 in human uveal melanoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2007, 451, 967-976.	1.4	11
60	Human and mouse mast cells use the tetraspanin CD9 as an alternate interleukin-16 receptor. Blood, 2006, 107, 135-142.	0.6	65
61	Control of prostate cancer spheroid growth using 213 Bi-labeled multiple targeted Î± radioimmunoconjugates. Prostate, 2006, 66, 1753-1767.	1.2	18
62	Anatomy and development of the macula: specialisation and the vulnerability to macular degeneration. Australasian journal of optometry, The, 2005, 88, 269-281.	0.6	160
63	Contribution of the cornea to cytokine levels in the whole eye induced during the early phase of Pseudomonas aeruginosa challenge. Immunology and Cell Biology, 2005, 83, 301-306.	1.0	21
64	In Vitro Targeting of NG2 Antigen by213Bi-9.2.27 Î±-Immunoconjugate Induces Cytotoxicity in Human Uveal Melanoma Cells. , 2005, 46, 4365.		13
65	Effect of MÃ¼ller cell co-culture on in vitro permeability of bovine retinal vascular endothelium in normoxic and hypoxic conditions. Neuroscience Letters, 2005, 378, 160-165.	1.0	54
66	Gradients of cone differentiation and FGF expression during development of the foveal depression in macaque retina. Visual Neuroscience, 2005, 22, 447-459.	0.5	56
67	An Antibody Raised Against In Vitro-derived Human Mast Cells Identifies Mature Mast Cells and a Population of Cells that are FcâˆŠRI⁺, Tryptase^{â”}, and Chymase^{â”} in a Variety of Human Tissues. Journal of Histochemistry and Cytochemistry, 2003, 51, 643-653.	1.3	10
68	Differential effects of the antioxidant Î±-lipoic acid on the proliferation of mitogen-stimulated peripheral blood lymphocytes and leukaemic T cells. Molecular Immunology, 2002, 38, 733-745.	1.0	27
69	Modulation of permeability and adhesion molecule expression by human choroidal endothelial cells. Investigative Ophthalmology and Visual Science, 2002, 43, 3125-30.	3.3	64
70	Immunoglobulin superfamily expression in primary retinoblastoma and retinoblastoma cell lines. Oncology Research, 2002, 13, 103-11.	0.6	7
71	In vitro effects of radiation on human retinoblastoma cells. International Journal of Cancer, 2001, 96, 7.	2.3	7
72	The Human Hyaloid System: Cell Death and Vascular Regression. Experimental Eye Research, 2000, 70, 767-776.	1.2	90

#	Article	IF	Citations
73	Astrocyte Proliferation During Development of the Human Retinal Vasculature. Experimental Eye Research, 1999, 69, 511-523.	1.2	43
74	Soluble TNF-Î± receptors bind and neutralize over-expressed transmembrane TNF-Î± on macrophages, but do not inhibit its processing. Journal of Leukocyte Biology, 1999, 66, 1005-1013.	1.5	16
75	Human Retinoblastoma: A Morphological Study of Apoptotic, Leukocytic, and Vascular Elements. Ultrastructural Pathology, 1997, 21, 95-107.	0.4	19
76	Human retinoblastoma: in vitro differentiation and immunoglobulin superfamily antigen modulation by retinoic acid. Cancer Immunology, Immunotherapy, 1997, 44, 189-196.	2.0	6
77	Compromised blood-nerve barrier, astrogliosis, and myelin disruption in optic nerves during fatal murine cerebral malaria. , 1997, 19, 135-151.		37
78	Preliminary morphometric study of tumor necrosis factor-alpha (TNFÎ±)-induced rabbit optic neuropathy. Neurological Research, 1996, 18, 233-236.	0.6	20
79	Tumor necrosis factor-alpha (TNF-Î±)-induced optic neuropathy in rabbits. Neurological Research, 1996, 18, 176-184.	0.6	58
80	Pentoxifylline: Clinical application in human immunodeficiency virus?associated optic neuropathy. Annals of Neurology, 1995, 38, 483-483.	2.8	3
81	AIDS-related optic neuropathy: a histological, virological and ultrastructural study. Graefe's Archive for Clinical and Experimental Ophthalmology, 1995, 233, 387-398.	1.0	42
82	Case for the Panel: â€œRaspberryâ€•Particles in Optic Nerves from an AIDS Patient. Ultrastructural Pathology, 1995, 19, 133-135.	0.4	0
83	Modulation of MHC Class II Expression in the Absence of Lymphocytic Infiltrates in AlzheimerÊ¼s Retinae. Journal of Neuropathology and Experimental Neurology, 1994, 53, 150-157.	0.9	24
84	Morphometric Comparisons of Optic Nerve Axon Loss in Acquired Immunodeficiency Syndrome. American Journal of Ophthalmology, 1992, 113, 14-20.	1.7	114
85	Reversible Endothelial Changes in the Monkey Cornea. Cornea, 1992, 11, 319-325.	0.9	3
86	Angiogenesis in normal human retinal development the involvement of astrocytes and macrophages. Graefe's Archive for Clinical and Experimental Ophthalmology, 1990, 228, 255-263.	1.0	63
87	A new analysis of wound closure kinematics in the cat and rabbit corneal epithelium. Australasian journal of optometry, The, 1986, 69, 4-12.	0.6	8