M Cristina Kenney

List of Publications by Year
in descending order

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87 papers	3,270 citations	201674 27 h-index	206112 48 g-index
88 all docs	88 docs citations	88 times ranked	3592 citing authors

#	Article	IF	Citations
1	Effects of fluoroquinolones and tetracyclines on mitochondria of human retinal MIO-M1 cells. Experimental Eye Research, 2022, 214, 108857.	2.6	4
2	Differential mitochondrial and cellular responses between H vs. J mtDNA haplogroup-containing human RPE transmitochondrial cybrid cells. Experimental Eye Research, 2022, 219, 109013.	2.6	2
3	Impacts of Bacteriostatic and Bactericidal Antibiotics on the Mitochondria of the Age-Related Macular Degeneration Cybrid Cell Lines. Biomolecules, 2022, 12, 675.	4.0	0
4	The Transcriptome Profile of Retinal Pigment Epithelium and MÃ¼ller Cell Lines Protected by Risuteganib Against Hydrogen Peroxide Stress. Journal of Ocular Pharmacology and Therapeutics, 2022, 38, 513-526.	1.4	2
5	Differential effects of risuteganib and bevacizumab on AMD cybrid cells. Experimental Eye Research, 2021, 203, 108287.	2.6	8
6	Mitochondria: The Retinaâ€™s Achillesâ€™ Heel in AMD. Advances in Experimental Medicine and Biology, 2021, 1256, 237-264.	1.6	9
7	Low frequency mitochondrial DNA heteroplasmy SNPs in blood, retina, and [RPE+choroid] of age-related macular degeneration subjects. PLoS ONE, 2021, 16, e0246114.	2.5	5
8	Age-Related Macular Degeneration (AMD) Transmitochondrial Cybrids Protected from Cellular Damage and Death by Human Retinal Progenitor Cells (hRPCs). Stem Cells International, 2021, 2021, 1-15.	2.5	2
9	J or H mtDNA haplogroups in retinal pigment epithelial cells: Effects on cell physiology, cargo in extracellular vesicles, and differential uptake of such vesicles by naÃ¯ve recipient cells. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129798.	2.4	6
10	Mitochondrial DNA polymorphisms and biogenesis genes in primary and metastatic uveal melanoma cell lines. Cancer Genetics, 2021, 256-257, 91-99.	0.4	2
11	Differential responses of AMD mitochondrial DNA haplogroups to PU-91, a mitochondria-targeting drug. Mitochondrion, 2021, 60, 189-200.	3.4	2
12	In vitro response and gene expression of human retinal MÃ¼ller cells treated with different anti-VEGF drugs. Experimental Eye Research, 2020, 191, 107903.	2.6	6
13	African and Asian Mitochondrial DNA Haplogroups Confer Resistance Against Diabetic Stresses on Retinal Pigment Epithelial Cybrid Cells In Vitro. Molecular Neurobiology, 2020, 57, 1636-1655.	4.0	9
14	Quantifying Color Vision Changes Associated With Cataracts Using Cone Contrast Thresholds. Translational Vision Science and Technology, 2020, 9, 11.	2.2	9
15	Potential adverse effects of ciprofloxacin and tetracycline on ARPE-19 cell lines. BMJ Open Ophthalmology, 2020, 5, e000458.	1.6	9
16	Effects of Mitochondrial-Derived Peptides (MDPs) on Mitochondrial and Cellular Health in AMD. Cells, 2020, 9, 1102.	4.1	25
17	Bioenergetics Consequences of Mitochondrial Transplantation in Cardiomyocytes. Journal of the American Heart Association, 2020, 9, e014501.	3.7	64
18	Role of Citicoline in an in vitro AMD model. Aging, 2020, 12, 9031-9040.	3.1	13

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19	Differential effects of cisplatin on cybrid cells with varying mitochondrial DNA haplogroups. PeerJ, 2020, 8, e9908.	2.0	8
20	A two-step method for identifying photopigment opsin and gene sequences underlying human color vision phenotypes. Molecular Vision, 2020, 26, 158-172.	1.1	4
21	Memantine, Simvastatin, and Epicatechin Inhibit 7-Ketocholesterol-induced Apoptosis in Retinal Pigment Epithelial Cells But Not Neurosensory Retinal Cells In Vitro. Journal of Ophthalmic and Vision Research, 2020, 15, 470-480.	1.0	0
22	European mtDNA Variants Are Associated With Differential Responses to Cisplatin, an Anticancer Drug: Implications for Drug Resistance and Side Effects. Frontiers in Oncology, 2019, 9, 640.	2.8	21
23	Age-related macular degeneration (AMD) mitochondria modulate epigenetic mechanisms in retinal pigment epithelial cells. Experimental Eye Research, 2019, 189, 107701.	2.6	21
24	Corneal oxidative damage in keratoconus cells due to decreased oxidant elimination from modified expression levels of SOD enzymes, PRDX6, SCARA3, CPSF3, and FOXM1. Journal of Ophthalmic and Vision Research, 2019, 14, 62.	1.0	26
25	Nutraceutical effects of Emblica officinalis in age-related macular degeneration. Aging, 2019, 11, 1177-1188.	3.1	21
26	PU-91 drug rescues human age-related macular degeneration RPE cells; implications for AMD therapeutics. Aging, 2019, 11, 6691-6713.	3.1	10
27	Age-related Macular Degeneration (AMD): A Review on its Epidemiology and Risk Factors. Open Ophthalmology Journal, 2019, 13, 90-99.	0.2	9
28	Color perception in observers with varying photopigment opsin genotypes. Journal of Vision, 2019, 19, 29.	0.3	0
29	Protective effects of 17Î²-estradiol on Benzo(e)pyrene[B(e)P]-induced toxicity in ARPE-19 cells. Journal of Ophthalmic and Vision Research, 2018, 13, 419.	1.0	5
30	Characterizing the protective effects of SHLP2, a mitochondrial-derived peptide, in macular degeneration. Scientific Reports, 2018, 8, 15175.	3.3	51
31	Axial mechanical and structural characterization of keratoconus corneas. Experimental Eye Research, 2018, 175, 14-19.	2.6	21
32	Mitochondrial Impairment in Antibiotic Induced Toxic Optic Neuropathies. Current Eye Research, 2018, 43, 1199-1204.	1.5	8
33	Effects of bevacizumab, ranibizumab, and aflibercept on phagocytic properties in human RPE cybrids with AMD versus normal mitochondria. Experimental Eye Research, 2018, 177, 112-116.	2.6	7
34	Humanin G (HNG) protects age-related macular degeneration (AMD) transmitochondrial ARPE-19 cybrids from mitochondrial and cellular damage. Cell Death and Disease, 2017, 8, e2951-e2951.	6.3	71
35	The role of mitochondria in AMD: Current knowledge and future applications. Journal of Ophthalmic and Vision Research, 2017, 12, 424.	1.0	25
36	Brimonidine Can Prevent In Vitro Hydroquinone Damage on Retinal Pigment Epithelium Cells and Retinal MÃ¼ller Cells. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 102-108.	1.4	24

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37	Increased expression of ApoE and protection from amyloid-beta toxicity in transmitochondrial cybrids with haplogroup K mtDNA. Neurobiology of Disease, 2016, 93, 64-77.	4.4	12
38	Increased retinal mtDNA damage in the CFH variant associated with age-related macular degeneration. Experimental Eye Research, 2016, 145, 269-277.	2.6	64
39	Differential Expression of Complement Markers in Normal and AMD Transmitochondrial Cybrids. PLoS ONE, 2016, 11, e0159828.	2.5	24
40	Effects of Benzo(e)pyrene on reactive oxygen/nitrogen species and inflammatory cytokines induction in human RPE cells and attenuation by mitochondrial-involved mechanism. Journal of Ophthalmic and Vision Research, 2016, 11, 385.	1.0	6
41	Mitochondrial DNA variants can mediate methylation status of inflammation, angiogenesis and signaling genes. Human Molecular Genetics, 2015, 24, 4491-4503.	2.9	52
42	Effects of light on retinal pigment epithelial cells, neurosensory retinal cells and <scp>M</scp>Ã¼ller cells treated with <scp>B</scp>rilliant <scp>B</scp>lue <scp>G</scp>. Clinical and Experimental Ophthalmology, 2015, 43, 820-829.	2.6	12
43	Human Retinal Transmitochondrial Cybrids with J or H mtDNA Haplogroups Respond Differently to Ultraviolet Radiation: Implications for Retinal Diseases. PLoS ONE, 2014, 9, e99003.	2.5	30
44	Safety profiles of anti-VEGF drugs: bevacizumab, ranibizumab, aflibercept and ziv-aflibercept on human retinal pigment epithelium cells in culture. British Journal of Ophthalmology, 2014, 98, i11-i16.	3.9	102
45	Molecular and bioenergetic differences between cells with African versus European inherited mitochondrial DNA haplogroups: Implications for population susceptibility to diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 208-219.	3.8	136
46	Inherited mitochondrial DNA variants can affect complement, inflammation and apoptosis pathways: insights into mitochondrial-nuclear interactions. Human Molecular Genetics, 2014, 23, 3537-3551.	2.9	101
47	Steroid differentiation: the safety profile of various steroids on retinal cells in vitro and their implications for clinical use (an American Ophthalmological Society thesis). Transactions of the American Ophthalmological Society, 2014, 112, 116-41.	1.4	15
48	Mitochondrial DNA haplogroups confer differences in risk for age-related macular degeneration: a case control study. BMC Medical Genetics, 2013, 14, 4.	2.1	44
49	Hydroquinone induces oxidative and mitochondrial damage to human retinal MÃ¼ller cells (MIO-M1). NeuroToxicology, 2013, 39, 102-108.	3.0	15
50	Mitochondrial Genetics of Retinal Disease. , 2013, , 635-641.		1
51	Mitochondrial DNA Variants Mediate Energy Production and Expression Levels for CFH, C3 and EFEMP1 Genes: Implications for Age-Related Macular Degeneration. PLoS ONE, 2013, 8, e54339.	2.5	81
52	Protective effects of lipoic acid on chrysene-induced toxicity on MÃ¼ller cells in vitro. Molecular Vision, 2013, 19, 25-38.	1.1	6
53	Protective effects of memantine and epicatechin on catechol-induced toxicity on MÃ¼ller cells in vitro. Toxicology, 2010, 271, 107-114.	4.2	22
54	Characterization of Retinal and Blood Mitochondrial DNA from Age-Related Macular Degeneration Patients. , 2010, 51, 4289.		48

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55	Mitochondrial DNA Damage Induced by 7-Ketocholesterol in Human Retinal Pigment Epithelial Cells In Vitro. , 2010, 51, 1164.		33
56	Inhibition of Apoptosis in Human Retinal Pigment Epithelial Cells Treated with Benzo(e)Pyrene, a Toxic Component of Cigarette Smoke. , 2010, 51, 2601.		34
57	Mitochondrial DNA Haplogroups Associated with Age-Related Macular Degeneration. , 2009, 50, 2966.		117
58	Intraocular Sustained-Release Delivery Systems for Triamcinolone Acetonide. Pharmaceutical Research, 2009, 26, 770-784.	3.5	63
59	Differential effects of nicotine on retinal and vascular cells in vitro. Toxicology, 2009, 259, 69-76.	4.2	26
60	Effects of Benzo(e)Pyrene on the Retinal Neurosensory Cells and Human Microvascular Endothelial CellsIn Vitro. Current Eye Research, 2009, 34, 672-682.	1.5	19
61	Hydrogen Peroxide Causes Mitochondrial DNA Damage in Corneal Epithelial Cells. Cornea, 2009, 28, 426-433.	1.7	21
62	7-Ketocholesterol activates caspases-3/7, -8, and -12 in human microvascular endothelial cells in vitro. Microvascular Research, 2008, 75, 343-350.	2.5	39
63	Effects of Benzo(e)Pyrene, a Toxic Component of Cigarette Smoke, on Human Retinal Pigment Epithelial Cells In Vitro. , 2008, 49, 5111.		55
64	Caspase-8, -12, and -3 Activation by 7-Ketocholesterol in Retinal Neurosensory Cells. , 2007, 48, 1362.		29
65	Complement Factor H Polymorphism in Age-Related Macular Degeneration. Ophthalmology, 2007, 114, 1327-1331.	5.2	41
66	Pseudophakic Corneal Edema. Cornea, 2006, 25, 993-1004.	1.7	44
67	Increased Stress-Induced Generation of Reactive Oxygen Species and Apoptosis in Human Keratoconus Fibroblasts. , 2006, 47, 1902.		141
68	Increased Levels of Catalase and Cathepsin V/L2 but Decreased TIMP-1 in Keratoconus Corneas: Evidence that Oxidative Stress Plays a Role in This Disorder. , 2005, 46, 823.		178
69	Trypan Blue: Effect on Retinal Pigment Epithelial and Neurosensory Retinal Cells. , 2005, 46, 304.		80
70	Altered Expression of Aquaporins in Bullous Keratopathy and Fuchs' Dystrophy Corneas. Journal of Histochemistry and Cytochemistry, 2004, 52, 1341-1350.	2.5	43
71	The Cascade Hypothesis of Keratoconus. Contact Lens and Anterior Eye, 2003, 26, 139-146.	1.7	207
72	Insulin-like growth factor-I (IGF-I) and transforming growth factor-Î² (TGF-Î²) modulate tenascin-C and fibrillin-1 in bullous keratopathy stromal cells in vitro. Experimental Eye Research, 2003, 77, 537-546.	2.6	21

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73	Impaired electroretinogram (ERG) response in apolipoprotein E-deficient mice. Current Eye Research, 2003, 27, 15-24.	1.5	29
74	Extracellular Matrix and Na + ,K + -ATPase in Human Corneas Following Cataract Surgery. Cornea, 2002, 21, 74-80.	1.7	26
75	A pooled case-control study of the apolipoprotein E (APOE) gene in age-related maculopathy. Ophthalmic Genetics, 2002, 23, 209-223.	1.2	136
76	Overexpression of Matrix Metalloproteinase-10 and Matrix Metalloproteinase-3 in Human Diabetic Corneas. American Journal of Pathology, 2001, 158, 723-734.	3.8	103
77	Increased Expression of Tenascin-C-binding Epithelial Integrins in Human Bullous Keratopathy Corneas. Journal of Histochemistry and Cytochemistry, 2001, 49, 1341-1350.	2.5	22
78	Basement membrane and growth factor gene expression in normal and diabetic human retinas. Current Eye Research, 1999, 18, 490-499.	1.5	81
79	Human Corneal Epithelial Basement Membrane and Integrin Alterations in Diabetes and Diabetic Retinopathy¹. Journal of Histochemistry and Cytochemistry, 1998, 46, 1033-1041.	2.5	107
80	Novel Splice Variants of Human Tenascin-C mRNA Identified in Normal and Bullous Keratopathy Corneas. Cornea, 1998, 17, 326-332.	1.7	16
81	Increased Expression of Fibrillin-1 in Human Corneas with Bullous Keratopathy. Cornea, 1998, 17, 309-314.	1.7	27
82	Cleavage of structural components of mammalian vitreous by endogenous matrix metalloproteinase-2. Current Eye Research, 1996, 15, 439-445.	1.5	42
83	Proteinase activity in normal human tears: Male-female dimorphism. Current Eye Research, 1995, 14, 1081-1086.	1.5	4
84	Characterization of an endogenous metalloproteinase in human vitreous. Current Eye Research, 1994, 13, 639-647.	1.5	64
85	Increased Gelatinolytic Activity in Keratoconus Keratocyte Cultures. Cornea, 1994, 13, 114-124.	1.7	83
86	Characterization of a human corneal metalloproteinase inhibitor (TIMP-1). Current Eye Research, 1993, 12, 877-883.	1.5	27
87	Abnormal Extracellular Matrix in Corneas with Pseudophakic Bullous Keratopathy. Cornea, 1990, 9, 115???121.	1.7	32