

Shari R Atilano

List of Publications by Year in descending order

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43
papers

2,059
citations

471371

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docs citations

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times ranked

2202
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fluoroquinolones and tetracyclines on mitochondria of human retinal MIO-M1 cells. <i>Experimental Eye Research</i> , 2022, 214, 108857.	1.2	4
2	Differential mitochondrial and cellular responses between H vs. J mtDNA haplogroup-containing human RPE transmitochondrial cybrid cells. <i>Experimental Eye Research</i> , 2022, 219, 109013.	1.2	2
3	Impacts of Bacteriostatic and Bactericidal Antibiotics on the Mitochondria of the Age-Related Macular Degeneration Cybrid Cell Lines. <i>Biomolecules</i> , 2022, 12, 675.	1.8	0
4	Altered Retrograde Signaling Patterns in Breast Cancer Cells Cybrids with H and J Mitochondrial DNA Haplogroups. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6687.	1.8	3
5	Differential effects of risuteganib and bevacizumab on AMD cybrid cells. <i>Experimental Eye Research</i> , 2021, 203, 108287.	1.2	8
6	Mitochondria: The Retina's Achilles' Heel in AMD. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1256, 237-264.	0.8	9
7	Low frequency mitochondrial DNA heteroplasmy SNPs in blood, retina, and [RPE+choroid] of age-related macular degeneration subjects. <i>PLoS ONE</i> , 2021, 16, e0246114.	1.1	5
8	Anti-VEGF Drugs Influence Epigenetic Regulation and AMD-Specific Molecular Markers in ARPE-19 Cells. <i>Cells</i> , 2021, 10, 878.	1.8	9
9	Mitochondrial DNA polymorphisms and biogenesis genes in primary and metastatic uveal melanoma cell lines. <i>Cancer Genetics</i> , 2021, 256-257, 91-99.	0.2	2
10	Differential responses of AMD mitochondrial DNA haplogroups to PU-91, a mitochondria-targeting drug. <i>Mitochondrion</i> , 2021, 60, 189-200.	1.6	2
11	African and Asian Mitochondrial DNA Haplogroups Confer Resistance Against Diabetic Stresses on Retinal Pigment Epithelial Cybrid Cells In Vitro. <i>Molecular Neurobiology</i> , 2020, 57, 1636-1655.	1.9	9
12	Potential adverse effects of ciprofloxacin and tetracycline on ARPE-19 cell lines. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000458.	0.8	9
13	Differential effects of cisplatin on cybrid cells with varying mitochondrial DNA haplogroups. <i>PeerJ</i> , 2020, 8, e9908.	0.9	8
14	A two-step method for identifying photopigment opsin and gene sequences underlying human color vision phenotypes. <i>Molecular Vision</i> , 2020, 26, 158-172.	1.1	4
15	European mtDNA Variants Are Associated With Differential Responses to Cisplatin, an Anticancer Drug: Implications for Drug Resistance and Side Effects. <i>Frontiers in Oncology</i> , 2019, 9, 640.	1.3	21
16	Corneal oxidative damage in keratoconus cells due to decreased oxidant elimination from modified expression levels of SOD enzymes, PRDX6, SCARA3, CPSF3, and FOXM1. <i>Journal of Ophthalmic and Vision Research</i> , 2019, 14, 62.	0.7	26
17	Color perception in observers with varying photopigment opsin genotypes. <i>Journal of Vision</i> , 2019, 19, 29.	0.1	0
18	Impact of Mitochondrial DNA Haplogroups on Cancer Gene Expression. <i>FASEB Journal</i> , 2018, 32, 543.18.	0.2	1

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19	Protective Effects of Memantine on Hydroquinone-Treated Human Retinal Pigment Epithelium Cells and Human Retinal M μ ller Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 610-619.	0.6	15
20	Increased expression of ApoE and protection from amyloid-beta toxicity in transmitochondrial cybrids with haplogroup K mtDNA. <i>Neurobiology of Disease</i> , 2016, 93, 64-77.	2.1	12
21	Increased retinal mtDNA damage in the CFH variant associated with age-related macular degeneration. <i>Experimental Eye Research</i> , 2016, 145, 269-277.	1.2	64
22	Mitochondrial DNA variants can mediate methylation status of inflammation, angiogenesis and signaling genes. <i>Human Molecular Genetics</i> , 2015, 24, 4491-4503.	1.4	52
23	Human Retinal Transmitochondrial Cybrids with J or H mtDNA Haplogroups Respond Differently to Ultraviolet Radiation: Implications for Retinal Diseases. <i>PLoS ONE</i> , 2014, 9, e99003.	1.1	30
24	Molecular and bioenergetic differences between cells with African versus European inherited mitochondrial DNA haplogroups: Implications for population susceptibility to diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 208-219.	1.8	136
25	Inherited mitochondrial DNA variants can affect complement, inflammation and apoptosis pathways: insights into mitochondrial-nuclear interactions. <i>Human Molecular Genetics</i> , 2014, 23, 3537-3551.	1.4	101
26	Mitochondrial DNA haplogroups confer differences in risk for age-related macular degeneration: a case control study. <i>BMC Medical Genetics</i> , 2013, 14, 4.	2.1	44
27	Mitochondrial DNA Variants Mediate Energy Production and Expression Levels for CFH, C3 and EFEMP1 Genes: Implications for Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2013, 8, e54339.	1.1	81
28	Characterization of Retinal and Blood Mitochondrial DNA from Age-Related Macular Degeneration Patients. , 2010, 51, 4289.		48
29	Mitochondrial DNA Damage Induced by 7-Ketocholesterol in Human Retinal Pigment Epithelial Cells In Vitro. , 2010, 51, 1164.		33
30	Mitochondrial DNA Haplogroups Associated with Age-Related Macular Degeneration. , 2009, 50, 2966.		117
31	Hydrogen Peroxide Causes Mitochondrial DNA Damage in Corneal Epithelial Cells. <i>Cornea</i> , 2009, 28, 426-433.	0.9	21
32	SOD1 Haplotypes in Familial Keratoconus. <i>Cornea</i> , 2009, 28, 902-907.	0.9	29
33	Hypersensitive Response to Oxidative Stress in Keratoconus Corneal Fibroblasts. , 2008, 49, 4361.		90
34	Complement Factor H Polymorphism in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2007, 114, 1327-1331.	2.5	41
35	SOD1: A Candidate Gene for Keratoconus. , 2006, 47, 3345.		126
36	Increased Stress-Induced Generation of Reactive Oxygen Species and Apoptosis in Human Keratoconus Fibroblasts. , 2006, 47, 1902.		141

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37	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
38	Accumulation of Mitochondrial DNA Damage in Keratoconus Corneas. , 2005, 46, 1256.		100
39	Altered Expression of Aquaporins in Bullous Keratopathy and Fuchs' Dystrophy Corneas. Journal of Histochemistry and Cytochemistry, 2004, 52, 1341-1350.	1.3	43
40	Insulin-like growth factor-I (IGF-I) and transforming growth factor- β 2 (TGF- β 2) modulate tenascin-C and fibrillin-1 in bullous keratopathy stromal cells in vitro. Experimental Eye Research, 2003, 77, 537-546.	1.2	21
41	Extracellular Matrix and Na ⁺ ,K ⁺ -ATPase in Human Corneas Following Cataract Surgery. Cornea, 2002, 21, 74-80.	0.9	26
42	Evidence of Oxidative Stress in Human Corneal Diseases. Journal of Histochemistry and Cytochemistry, 2002, 50, 341-351.	1.3	327
43	Alu DNA polymorphism in ACE gene is protective for age-related macular degeneration. Biochemical and Biophysical Research Communications, 2002, 295, 668-672.	1.0	61