

Debasish Sinha

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

9,239
citations

394421

19
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

21085
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Mechanisms of mitochondrial dysfunction and their impact on age-related macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2020, 79, 100858.	15.5	239
4	Defects in retinal pigment epithelial cell proteolysis and the pathology associated with age-related macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2016, 51, 69-89.	15.5	190
5	ATAC-Seq analysis reveals a widespread decrease of chromatin accessibility in age-related macular degeneration. <i>Nature Communications</i> , 2018, 9, 1364.	12.8	124
6	Loss of NRF-2 and PGC-1 β genes leads to retinal pigment epithelium damage resembling dry age-related macular degeneration. <i>Redox Biology</i> , 2019, 20, 1-12.	9.0	117
7	Lysosomal-mediated waste clearance in retinal pigment epithelial cells is regulated by CRYBA1/ β A3/A1-crystallin via V-ATPase-MTORC1 signaling. <i>Autophagy</i> , 2014, 10, 480-496.	9.1	113
8	The Role of the Immune Response in Age-Related Macular Degeneration. <i>International Journal of Inflammation</i> , 2013, 2013, 1-10.	1.5	82
9	Lysosomes: Regulators of autophagy in the retinal pigmented epithelium. <i>Experimental Eye Research</i> , 2016, 144, 46-53.	2.6	76
10	β A3/A1-crystallin in astroglial cells regulates retinal vascular remodeling during development. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 85-95.	2.2	64
11	Activating the Akt2 nuclear factor- κ B lipocalin β 2 axis elicits an inflammatory response in age-related macular degeneration. <i>Journal of Pathology</i> , 2017, 241, 583-588.	4.5	55
12	miR-365 promotes diabetic retinopathy through inhibiting Timp3 and increasing oxidative stress. <i>Experimental Eye Research</i> , 2018, 168, 89-99.	2.6	49
13	Erythropoietin Exerts a Neuroprotective Function Against Glutamate Neurotoxicity in Experimental Diabetic Retina. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8208-8222.	3.3	44
14	Increased lipocalin β 2 in the retinal pigment epithelium of Cryba1 ^{-/-} mice is associated with a chronic inflammatory response. <i>Aging Cell</i> , 2014, 13, 1091-1094.	6.7	33
15	β A3/A1-crystallin: More than a lens protein. <i>Progress in Retinal and Eye Research</i> , 2015, 44, 62-85.	15.5	33
16	The amino acid transporter SLC36A4 regulates the amino acid pool in retinal pigmented epithelial cells and mediates the mechanistic target of rapamycin, complex 1 signaling. <i>Aging Cell</i> , 2017, 16, 349-359.	6.7	32
17	Nutraceutical with Resveratrol and Omega-3 Fatty Acids Induces Autophagy in ARPE-19 Cells. <i>Nutrients</i> , 2016, 8, 284.	4.1	31
18	β A3/A1-crystallin is required for proper astrocyte template formation and vascular remodeling in the retina. <i>Transgenic Research</i> , 2012, 21, 1033-1042.	2.4	24

#	ARTICLE	IF	CITATIONS
19	Role of glia in optic nerve. Progress in Retinal and Eye Research, 2021, 81, 100886.	15.5	23
20	Î²A3/A1-crystallin and persistent fetal vasculature (PFV) disease of the eye. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 287-298.	2.4	21
21	A Spontaneous Missense Mutation in Branched Chain Keto Acid Dehydrogenase Kinase in the Rat Affects Both the Central and Peripheral Nervous Systems. PLoS ONE, 2016, 11, e0160447.	2.5	16
22	Î²A3/A1-crystallin is a critical mediator of STAT3 signaling in optic nerve astrocytes. Scientific Reports, 2015, 5, 8755.	3.3	11
23	Modulation of V-ATPase by Î²A3/A1-Crystallin in Retinal Pigment Epithelial Cells. Advances in Experimental Medicine and Biology, 2016, 854, 779-784.	1.6	10
24	Autophagy Regulates Proteasome Inhibitor-Induced Pigmentation in Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells. International Journal of Molecular Sciences, 2017, 18, 1089.	4.1	10
25	Primary Cell Cultures from the Mouse Retinal Pigment Epithelium. Journal of Visualized Experiments, 2018, , .	0.3	9
26	Effect of Macrophage Migration Inhibitory Factor on Corneal Sensitivity after Laser In Situ Keratomileusis in Rabbit. Korean Journal of Ophthalmology: KJO, 2014, 28, 170.	1.1	5
27	Excipients of preservative-free latanoprost induced inflammatory response and cytotoxicity in immortalized human HCE-2 corneal epithelial cells. Journal of Biochemical and Pharmacological Research, 2014, 2, 175-184.	1.7	5