

Aparna Lakkaraju

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

6,370
citations

430754

18
h-index

477173

29
g-index

30
all docs

30
docs citations

30
times ranked

15895
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.	4.3	4,701
2	Itinerant exosomes: emerging roles in cell and tissue polarity. <i>Trends in Cell Biology</i> , 2008, 18, 199-209.	3.6	351
3	The cell biology of the retinal pigment epithelium. <i>Progress in Retinal and Eye Research</i> , 2020, 78, 100846.	7.3	199
4	The lipofuscin fluorophore A2E perturbs cholesterol metabolism in retinal pigment epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11026-11031.	3.3	145
5	<i>in vivo</i> diffusion of lactoferrin in brain extracellular space is regulated by interactions with heparan sulfate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8416-8421.	3.3	120
6	Evolving endosomes: how many varieties and why?. <i>Current Opinion in Cell Biology</i> , 2005, 17, 423-434.	2.6	118
7	Appropriately differentiated ARPE-19 cells regain phenotype and gene expression profiles similar to those of native RPE cells. <i>Molecular Vision</i> , 2017, 23, 60-89.	1.1	100
8	Cholesterol-mediated activation of acid sphingomyelinase disrupts autophagy in the retinal pigment epithelium. <i>Molecular Biology of the Cell</i> , 2015, 26, 1-14.	0.9	91
9	Neurons Are Protected from Excitotoxic Death by p53 Antisense Oligonucleotides Delivered in Anionic Liposomes. <i>Journal of Biological Chemistry</i> , 2001, 276, 32000-32007.	1.6	68
10	Aberrant early endosome biogenesis mediates complement activation in the retinal pigment epithelium in models of macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9014-9019.	3.3	59
11	A detailed three-step protocol for live imaging of intracellular traffic in polarized primary porcine RPE monolayers. <i>Experimental Eye Research</i> , 2014, 124, 74-85.	1.2	49
12	Mechanism of polarized lysosome exocytosis in epithelial cells. <i>Journal of Cell Science</i> , 2012, 125, 5937-5943.	1.2	48
13	Protective responses to sublytic complement in the retinal pigment epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8789-8794.	3.3	45
14	Low-density Lipoprotein Receptor-related Protein Mediates the Endocytosis of Anionic Liposomes in Neurons. <i>Journal of Biological Chemistry</i> , 2002, 277, 15085-15092.	1.6	33
15	Early Endosome Morphology in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 335-343.	0.8	31
16	Cell culture models to study retinal pigment epithelium-related pathogenesis in age-related macular degeneration. <i>Experimental Eye Research</i> , 2022, 222, 109170.	1.2	27
17	Apolipoprotein E Isoforms and AMD. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 3-9.	0.8	25
18	Multiple A2E treatments lead to melanization of rod outer segment-challenged ARPE-19 cells. <i>Molecular Vision</i> , 2014, 20, 285-300.	1.1	24

#	ARTICLE	IF	CITATIONS
19	Complement activation, lipid metabolism, and mitochondrial injury: Converging pathways in age-related macular degeneration. <i>Redox Biology</i> , 2020, 37, 101781.	3.9	21
20	Novel roles for the radial spoke head protein 9 in neural and neurosensory cilia. <i>Scientific Reports</i> , 2016, 6, 34437.	1.6	18
21	Mitochondria-dependent phase separation of disease-relevant proteins drives pathological features of age-related macular degeneration. <i>JCI Insight</i> , 2021, 6, .	2.3	18
22	Drusen Ooze: A Novel Hypothesis in Geographic Atrophy. <i>Ophthalmology Retina</i> , 2017, 1, 461-473.	1.2	16
23	Should I Stay or Should I Go? Trafficking of Sub-Lytic MAC in the Retinal Pigment Epithelium. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 267-274.	0.8	14
24	Letâ€™s play a game of chutes and ladders. <i>Communicative and Integrative Biology</i> , 2013, 6, e24474.	0.6	11
25	Centrosome Amplification in Cancer Disrupts Autophagy and Sensitizes to Autophagy Inhibition. <i>Molecular Cancer Research</i> , 2020, 18, 33-45.	1.5	11
26	Endoplasmic reticulum acetyltransferases Atase1 and Atase2 differentially regulate reticulophagy, macroautophagy and cellular acetyl-CoA metabolism. <i>Communications Biology</i> , 2021, 4, 454.	2.0	8
27	Caught in the traffic. <i>Nature</i> , 2007, 448, 266-267.	13.7	7
28	Endo-Lysosome Function in the Retinal Pigment Epithelium in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 723-729.	0.8	7
29	It takes two to tango to the melanosome. <i>Journal of Cell Biology</i> , 2009, 187, 161-163.	2.3	4