

Clare E Futter

List of Publications by Year in descending order

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62
papers

4,474
citations

136950

32
h-index

144013

57
g-index

67
all docs

67
docs citations

67
times ranked

7051
citing authors

#	ARTICLE	IF	CITATIONS
1	EGF receptor trafficking: consequences for signaling and cancer. <i>Trends in Cell Biology</i> , 2014, 24, 26-34.	7.9	636
2	EGF stimulates annexin 1-dependent inward vesiculation in a multivesicular endosome subpopulation. <i>EMBO Journal</i> , 2006, 25, 1-12.	7.8	302
3	Membrane contacts between endosomes and ER provide sites for PTP1Bâ€™epidermal growth factor receptor interaction. <i>Nature Cell Biology</i> , 2010, 12, 267-272.	10.3	284
4	Hrsâ€™and <sc>CD63</sc>â€™Dependent Competing Mechanisms Make Different Sized Endosomal Intraluminal Vesicles. <i>Traffic</i> , 2014, 15, 197-211.	2.7	168
5	Annexin A1 Tethers Membrane Contact Sites that Mediate ER to Endosome Cholesterol Transport. <i>Developmental Cell</i> , 2016, 37, 473-483.	7.0	164
6	Direct mobilisation of lysosomal Ca ²⁺ triggers complex Ca ²⁺ signals. <i>Journal of Cell Science</i> , 2013, 126, 60-66.	2.0	161
7	Dysregulation of lysosomal morphology by pathogenic LRRK2 is corrected by two-pore channel 2 inhibition. <i>Journal of Cell Science</i> , 2015, 128, 232-8.	2.0	148
8	Multivesicular bodies: co-ordinated progression to maturity. <i>Current Opinion in Cell Biology</i> , 2008, 20, 408-414.	5.4	145
9	Annexins and Endocytosis. <i>Traffic</i> , 2007, 8, 951-958.	2.7	119
10	Independent degeneration of photoreceptors and retinal pigment epithelium in conditional knockout mouse models of choroideremia. <i>Journal of Clinical Investigation</i> , 2006, 116, 386-394.	8.2	116
11	Farnesyltransferase inhibitors disrupt EGF receptor traffic through modulation of the RhoB GTPase. <i>Journal of Cell Science</i> , 2004, 117, 3221-3231.	2.0	110
12	An Endosomal NAADP-Sensitive Two-Pore Ca ²⁺ Channel Regulates ER-Endosome Membrane Contact Sites to Control Growth Factor Signaling. <i>Cell Reports</i> , 2017, 18, 1636-1645.	6.4	105
13	ALIX Regulates Tumor-Mediated Immunosuppression by Controlling EGFR Activity and PD-L1 Presentation. <i>Cell Reports</i> , 2018, 24, 630-641.	6.4	103
14	Annexin 11 is required for midbody formation and completion of the terminal phase of cytokinesis. <i>Journal of Cell Biology</i> , 2004, 165, 813-822.	5.2	98
15	Rod disc renewal occurs by evagination of the ciliary plasma membrane that makes cadherin-based contacts with the inner segment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15922-15927.	7.1	98
16	The Role of Rab27a in the Regulation of Melanosome Distribution within Retinal Pigment Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 2264-2275.	2.1	97
17	Rab11b Mediates Melanin Transfer between Donor Melanocytes and Acceptor Keratinocytes via Coupled Exo/Endocytosis. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1056-1066.	0.7	97
18	Melanosome Maturation Defect in Rab38-deficient Retinal Pigment Epithelium Results in Instability of Immature Melanosomes during Transient Melanogenesis. <i>Molecular Biology of the Cell</i> , 2007, 18, 3914-3927.	2.1	85

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19	The Role of <scp>EGF</scp> Receptor Ubiquitination in Regulating Its Intracellular Traffic. <i>Traffic</i> , 2012, 13, 329-337.	2.7	82
20	The Ternary Rab27a-Myrip-Myosin VIIa Complex Regulates Melanosome Motility in the Retinal Pigment Epithelium. <i>Traffic</i> , 2007, 8, 486-499.	2.7	81
21	Differential Apicobasal VEGF Signaling at Vascular Blood-Neural Barriers. <i>Developmental Cell</i> , 2014, 30, 541-552.	7.0	79
22	Retinal Pigment Epithelium Defects Accelerate Photoreceptor Degeneration in Cell Typeâ€“Specific Knockout Mouse Models of Choroideremia. , 2010, 51, 4913.		78
23	Annexin A2 Regulates Phagocytosis of Photoreceptor Outer Segments in the Mouse Retina. <i>Molecular Biology of the Cell</i> , 2009, 20, 3896-3904.	2.1	67
24	The Kinetics of Mannose 6-Phosphate Receptor Trafficking in the Endocytic Pathway in HEP-2 Cells: The Receptor Enters and Rapidly Leaves Multivesicular Endosomes without Accumulating in a Prelysosomal Compartment. <i>Molecular Biology of the Cell</i> , 1998, 9, 809-816.	2.1	63
25	WASH and Tsg101/ALIX-dependent diversion of stress-internalized EGFR from the canonical endocytic pathway. <i>Nature Communications</i> , 2015, 6, 7324.	12.8	63
26	Membrane dynamics and organelle biogenesisâ€“lipid pipelines and vesicular carriers. <i>BMC Biology</i> , 2017, 15, 102.	3.8	63
27	AÎ² accumulation causes MVB enlargement and is modelled by dominant negative VPS4A. <i>Molecular Neurodegeneration</i> , 2017, 12, 61.	10.8	63
28	ESCRTs regulate amyloid precursor protein sorting in multivesicular bodies and intracellular beta amyloid accumulation. <i>Journal of Cell Science</i> , 2015, 128, 2520-8.	2.0	60
29	Host cell autophagy contributes to <i>Plasmodium</i> liver development. <i>Cellular Microbiology</i> , 2016, 18, 437-450.	2.1	60
30	Conditional Ablation of the Choroideremia Gene Causes Age-Related Changes in Mouse Retinal Pigment Epithelium. <i>PLoS ONE</i> , 2013, 8, e57769.	2.5	50
31	Regulation of melanosome number, shape and movement in the zebrafish retinal pigment epithelium by OA1 and PMEL. <i>Journal of Cell Science</i> , 2015, 128, 1400-1407.	2.0	48
32	The molecular regulation of organelle transport in mammalian retinal pigment epithelial cells. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 104-111.	3.6	42
33	Endothelial MAPKs Direct ICAM-1 Signaling to Divergent Inflammatory Functions. <i>Journal of Immunology</i> , 2017, 198, 4074-4085.	0.8	41
34	REEP6 deficiency leads to retinal degeneration through disruption of ER homeostasis and protein trafficking. <i>Human Molecular Genetics</i> , 2017, 26, 2667-2677.	2.9	39
35	Current methods to analyze lysosome morphology, positioning, motility and function. <i>Traffic</i> , 2022, 23, 238-269.	2.7	37
36	Phagosome maturation during endosome interaction revealed by partial rhodopsin processing in retinal pigment epithelium. <i>Journal of Cell Science</i> , 2014, 127, 3852-61.	2.0	36

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37	Photoreceptor phagosome processing defects and disturbed autophagy in retinal pigment epithelium of <i>Cln3^{fl}ex1-6</i> mice modelling juvenile neuronal ceroid lipofuscinosis (Batten) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	30
38	Retinal Pigment Epithelial Cells Mitigate the Effects of Complement Attack by Endocytosis of C5b-9. Journal of Immunology, 2015, 195, 3382-3389.	0.8	30
39	Phagosomal and mitochondrial alterations in RPE may contribute to KCNJ13 retinopathy. Scientific Reports, 2019, 9, 3793.	3.3	29
40	Symmetric arrangement of mitochondria:plasma membrane contacts between adjacent photoreceptor cells regulated by Opa1. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15684-15693.	7.1	26
41	Ultrastructural insight into SARS-CoV-2 entry and budding in human airway epithelium. Nature Communications, 2022, 13, 1609.	12.8	24
42	Targeting of EGFR by a combination of antibodies mediates unconventional EGFR trafficking and degradation. Scientific Reports, 2020, 10, 663.	3.3	23
43	Roles for ER:endosome membrane contact sites in ligand-stimulated intraluminal vesicle formation. Biochemical Society Transactions, 2018, 46, 1055-1062.	3.4	20
44	Interaction with Collagen IV Protects Lens Epithelial Cells from Fas-Dependent Apoptosis by Stimulating the Production of Soluble Survival Factors. , 2005, 46, 3256.		19
45	Methods for monitoring lysosomal morphology. Methods in Cell Biology, 2015, 126, 1-19.	1.1	17
46	HtrA1 Mediated Intracellular Effects on Tubulin Using a Polarized RPE Disease Model. EBioMedicine, 2018, 27, 258-274.	6.1	17
47	Membrane trafficking in the retinal pigment epithelium at a glance. Journal of Cell Science, 2020, 133, .	2.0	17
48	The relationship between ERâ€“multivesicular body membrane contacts and the ESCRT machinery. Biochemical Society Transactions, 2012, 40, 464-468.	3.4	16
49	Probing the Heterogeneity of Protein Kinase Activation in Cells by Super-resolution Microscopy. ACS Nano, 2017, 11, 249-257.	14.6	13
50	Selective Ablation of Megalin in the Retinal Pigment Epithelium Results in Megaophthalmos, Macromelanosome Formation and Severe Retina Degeneration. , 2019, 60, 322.		13
51	Remodeling of the Basal Labyrinth of Retinal Pigment Epithelial Cells With Osmotic Challenge, Age, and Disease. , 2019, 60, 2515.		12
52	Cholesterol Overload: Contact Sites to the Rescue!. Contact (Thousand Oaks (Ventura County, Calif) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	12
53	Correlative light and immuno-electron microscopy of retinal tissue cryostat sections. PLoS ONE, 2018, 13, e0191048.	2.5	12
54	Stress-specific p38 MAP kinase activation is sufficient to drive EGF receptor endocytosis but not nuclear translocation. Journal of Cell Science, 2017, 130, 2481-2490.	2.0	11

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55	Chronically shortened rod outer segments accompany photoreceptor cell death in Choroideremia. PLoS ONE, 2020, 15, e0242284.	2.5	9
56	The Leber Congenital Amaurosis Protein AIPL1 and EB Proteins Co-Localize at the Photoreceptor Cilium. PLoS ONE, 2015, 10, e0121440.	2.5	8
57	Formation of Lipofuscin-Like Autofluorescent Granules in the Retinal Pigment Epithelium Requires Lysosome Dysfunction. , 2021, 62, 39.		6
58	Membrane trafficking: Retrofusion as an escape route out of the endosome. Current Biology, 2021, 31, R1037-R1040.	3.9	5
59	Cholesteryl hemiazelate causes lysosome dysfunction impacting vascular smooth muscle cell homeostasis. Journal of Cell Science, 2022, 135, .	2.0	4
60	Methamphetamine enhances caveolar transport of therapeutic agents across the rodent blood-brain barrier. Cell Reports Medicine, 2022, 3, 100497.	6.5	4
61	Stress reveals new destination for EGF receptor. Cell Cycle, 2015, 14, 3343-3344.	2.6	3
62	Coming or going? Un-BLOC-ing delivery and recycling pathways during melanosome maturation. Journal of Cell Biology, 2016, 214, 245-247.	5.2	1