

Neil J Grimsey

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,851
citations

394421

19
h-index

501196

28
g-index

49
all docs

49
docs citations

49
times ranked

2956
citing authors

#	ARTICLE	IF	CITATIONS
1	The yeast lipin Smp2 couples phospholipid biosynthesis to nuclear membrane growth. <i>EMBO Journal</i> , 2005, 24, 1931-1941.	7.8	352
2	Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection. <i>Journal of Clinical Investigation</i> , 2011, 121, 3554-3563.	8.2	272
3	Control of Phospholipid Synthesis by Phosphorylation of the Yeast Lipin Pah1p/Smp2p Mg ²⁺ -dependent Phosphatidate Phosphatase. <i>Journal of Biological Chemistry</i> , 2006, 281, 34537-34548.	3.4	188
4	The Human Lipodystrophy Gene <i>BSCL2/Seipin</i> May Be Essential for Normal Adipocyte Differentiation. <i>Diabetes</i> , 2008, 57, 2055-2060.	0.6	181
5	Temporal and Spatial Regulation of the Phosphatidate Phosphatases Lipin 1 and 2. <i>Journal of Biological Chemistry</i> , 2008, 283, 29166-29174.	3.4	99
6	The β -arrestin ARRDC3 mediates ALIX ubiquitination and G protein-coupled receptor lysosomal sorting. <i>Molecular Biology of the Cell</i> , 2015, 26, 4660-4673.	2.1	67
7	Adaptor Protein Complex-2 (AP-2) and Epsin-1 Mediate Protease-activated Receptor-1 Internalization via Phosphorylation- and Ubiquitination-dependent Sorting Signals. <i>Journal of Biological Chemistry</i> , 2011, 286, 40760-40770.	3.4	66
8	Ubiquitin plays an atypical role in GPCR-induced p38 MAP kinase activation on endosomes. <i>Journal of Cell Biology</i> , 2015, 210, 1117-1131.	5.2	63
9	Two Human ARFGAPs Associated with COP-coated Vesicles. <i>Traffic</i> , 2007, 8, 1644-1655.	2.7	54
10	The unfolded protein response regulator ATF6 promotes mesodermal differentiation. <i>Science Signaling</i> , 2018, 11, .	3.6	54
11	Evaluating the Role of <i>LPIN1</i> Variation in Insulin Resistance, Body Weight, and Human Lipodystrophy in U.K. Populations. <i>Diabetes</i> , 2008, 57, 2527-2533.	0.6	46
12	Distinct Roles of the Phosphatidate Phosphatases Lipin 1 and 2 during Adipogenesis and Lipid Droplet Biogenesis in 3T3-L1 Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 34502-34513.	3.4	41
13	ALIX Regulates the Ubiquitin-Independent Lysosomal Sorting of the P2Y1 Purinergic Receptor via a YPX3L Motif. <i>PLoS ONE</i> , 2016, 11, e0157587.	2.5	39
14	A Tyrosine Switch on NEDD4-2 E3 Ligase Transmits GPCR Inflammatory Signaling. <i>Cell Reports</i> , 2018, 24, 3312-3323.e5.	6.4	36
15	Atypical p38 Signaling, Activation, and Implications for Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4183.	4.1	34
16	G protein-coupled receptors activate p38 MAPK via a non-canonical TAB1-TAB2 and TAB1-TAB3-dependent pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 5867-5878.	3.4	33
17	ATF6 is essential for human cone photoreceptor development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
18	Integration of endothelial protease-activated receptor-1 inflammatory signaling by ubiquitin. <i>Current Opinion in Hematology</i> , 2016, 23, 274-279.	2.5	27

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19	Recycling and Endosomal Sorting of Protease-activated Receptor-1 Is Distinctly Regulated by Rab11A and Rab11B Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 2223-2236.	3.4	26
20	Phosphoproteomic analysis of protease-activated receptor-1 biased signaling reveals unique modulators of endothelial barrier function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5039-5048.	7.1	25
21	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. <i>Science Signaling</i> , 2021, 14, eabc1044.	3.6	23
22	A General Method for Site Specific Fluorescent Labeling of Recombinant Chemokines. <i>PLoS ONE</i> , 2014, 9, e81454.	2.5	21
23	Endosomal Signaling by Protease-Activated Receptors. <i>Methods in Enzymology</i> , 2014, 535, 389-401.	1.0	19
24	Ubiquitination as a Key Regulator of Endosomal Signaling by GPCRs. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 43.	3.7	18
25	Regulation of protease-activated receptor signaling by post-translational modifications. <i>IUBMB Life</i> , 2011, 63, 403-411.	3.4	14
26	aPC/PAR1 confers endothelial anti-apoptotic activity via a discrete, β 2-arrestin-2-mediated SphK1-S1PR1-Akt signaling axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
27	Phosphoproteomic analysis of thrombin- and p38 MAPK-regulated signaling networks in endothelial cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101801.	3.4	8
28	Proteostasis Modulation Prevents Photoreceptor Pathology in Retinal Organoids. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
29	The Structure and Immune Regulatory Implications of the Ubiquitin-Like Tandem Domain Within an Avian β 5 TM Oligoadenylate Synthetase-Like Protein. <i>Frontiers in Immunology</i> , 2021, 12, 794664.	4.8	1
30	Generating An Exosome Packaged p38 Inhibitory Peptide To Block GPCR Induced Vascular Inflammation. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
31	The Spatiotemporal Bias in Proinflammatory p38 Signaling Revealed by a Forster's Resonance Energy Transfer (FRET)-based Platform for Mapping GPCR-induced Vascular Inflammation. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
32	Adaptor Protein Complex β 2 and epsin β 1 mediate Protease-activated Receptor β 1 internalization via phosphorylation-and ubiquitination-dependent sorting signals. <i>FASEB Journal</i> , 2012, 26, 664.1.	0.5	0
33	Palmitoylation is required for activated PAR1 ubiquitination and p38 MAPK signaling (1066.16). <i>FASEB Journal</i> , 2014, 28, 1066.16.	0.5	0
34	Ubiquitination of PAR1 nucleates a non-canonical p38 signaling pathway to regulate thrombin-induced vascular leakage (1066.15). <i>FASEB Journal</i> , 2014, 28, 1066.15.	0.5	0
35	Rab11A and Rab11B distinctly regulate protease-activated receptor β 1 recycling and constitutive degradation (802.10). <i>FASEB Journal</i> , 2014, 28, 802.10.	0.5	0
36	Endothelial GPCRs Activate p38 MAPK Inflammatory Signaling Via Non-canonical TAB1, 2 and 3-dependent Pathways. <i>FASEB Journal</i> , 2018, 32, 555.12.	0.5	0

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37	PAR1 and p38 MAPK Regulation of Endothelial Pro-inflammatory Responses. FASEB Journal, 2018, 32, 837.1.	0.5	0
38	Activated Protein C-mediated Crosstalk Between PAR1 and S1PR1 in Endothelial Barrier Stabilization. FASEB Journal, 2018, 32, 685.1.	0.5	0
39	Endosomal GPCR signaling: Tyrosine Phosphorylation of a Peptide Linker in NEDD4-2 Increases Ligase Activity to Promote p38 Proinflammatory Signaling. FASEB Journal, 2018, 32, 687.10.	0.5	0
40	The Unfolded Protein Response Regulator, ATF6, Promotes Mesodermal Differentiation. FASEB Journal, 2018, 32, 542.23.	0.5	0
41	Monitoring GPCR Induced Atypical MAPK p38 Signaling to Identify Key Regulators of Vascular Inflammation. FASEB Journal, 2019, 33, 513.13.	0.5	0
42	Integration of GPCR-induced endothelial cytoprotection signaling by Î²-arrestin-2. FASEB Journal, 2020, 34, 1-1.	0.5	0
43	Characterization of p38 Inflammatory Response in Human Pericytes. FASEB Journal, 2020, 34, 1-1.	0.5	0
44	Phospho-proteomic Analysis of Protease-activated Receptor-1 Biased Signaling Reveals Novel Modulators of Endothelial Barrier Function. FASEB Journal, 2020, 34, 1-1.	0.5	0
45	Development of FRET Biosensors to Detect Kinase Activity in Living Cells. FASEB Journal, 2020, 34, 1-1.	0.5	0
46	Optimization of Inhibitory Peptide Delivery to Block GPCR Induced Inflammation. FASEB Journal, 2020, 34, 1-1.	0.5	0
47	Investigating Atypical Inflammatory Signaling in Vascular Pericytes as Potential Target for Controlling Blood-Retinal Barrier (BRB) Inflammation in Diabetic Retinopathy. FASEB Journal, 2022, 36, .	0.5	0