

Frederic Bard

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,253
citations

159358

30
h-index

197535

49
g-index

61
all docs

61
docs citations

61
times ranked

7171
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of C2orf69 defines a fatal autoinflammatory syndrome in humans and zebrafish that evokes a glycogen-storage-associated mitochondriopathy. <i>American Journal of Human Genetics</i> , 2021, 108, 1301-1317.	2.6	11
2	Src activates retrograde membrane traffic through phosphorylation of GBF1. <i>ELife</i> , 2021, 10, .	2.8	6
3	ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. <i>Nature Cell Biology</i> , 2020, 22, 1371-1381.	4.6	24
4	Red-COLA1: a human fibroblast reporter cell line for type I collagen transcription. <i>Scientific Reports</i> , 2020, 10, 19723.	1.6	6
5	Targeting c-Myc with a novel Peptide Nuclear Delivery Device. <i>Scientific Reports</i> , 2020, 10, 17762.	1.6	8
6	The NAE Pathway: Autobahn to the Nucleus for Cell Surface Receptors. <i>Cells</i> , 2019, 8, 915.	1.8	25
7	The GalNAc-T Activation (GALA) Pathway: Drivers and markers. <i>PLoS ONE</i> , 2019, 14, e0214118.	1.1	15
8	HCS-PhenoCluster. , 2018, , .		0
9	Quiescin sulphydryl oxidase 1 (QSOX1) glycosite mutation perturbs secretion but not Golgi localization. <i>Glycobiology</i> , 2018, 28, 580-591.	1.3	10
10	Pushing the boundaries of high content imaging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 113-114.	1.1	3
11	Digging deep into Golgi phenotypic diversity with unsupervised machine learning. <i>Molecular Biology of the Cell</i> , 2017, 28, 3686-3698.	0.9	8
12	Organelle Specific O-Glycosylation Drives MMP14 Activation, Tumor Growth, and Metastasis. <i>Cancer Cell</i> , 2017, 32, 639-653.e6.	7.7	102
13	VAMP3/Syb and YKT6 are required for the fusion of constitutive secretory carriers with the plasma membrane. <i>PLoS Genetics</i> , 2017, 13, e1006698.	1.5	37
14	Comment on "The GalNAc-T Activation Pathway (GALA) is not a general mechanism for regulating mucin-type O-glycosylation". <i>PLoS ONE</i> , 2017, 12, e0180005.	1.1	6
15	Short O-GalNAc glycans: regulation and role in tumor development and clinical perspectives. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1623-1639.	1.1	98
16	New developments and novel applications in high throughput and high content imaging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 705-707.	1.1	6
17	RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. <i>Cell Reports</i> , 2016, 15, 2597-2607.	2.9	47
18	Cracking the Glycome Encoder: Signaling, Trafficking, and Glycosylation. <i>Trends in Cell Biology</i> , 2016, 26, 379-388.	3.6	82

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19	Sar1, a Novel Regulator of ER-Mitochondrial Contact Sites. PLoS ONE, 2016, 11, e0154280.	1.1	22
20	The Ubiquitin Ligase CBLC Maintains the Network Organization of the Golgi Apparatus. PLoS ONE, 2015, 10, e0138789.	1.1	4
21	Deterministic Restriction on Pluripotent State Dissolution by Cell-Cycle Pathways. Cell, 2015, 162, 564-579.	13.5	185
22	Genome-Wide Screen Reveals Valosin-Containing Protein Requirement for Coronavirus Exit from Endosomes. Journal of Virology, 2015, 89, 11116-11128.	1.5	54
23	Systematic Identification of Factors for Provirus Silencing in Embryonic Stem Cells. Cell, 2015, 163, 230-245.	13.5	162
24	Nuclear envelope-associated endosomes deliver surface proteins to the nucleus. Nature Communications, 2015, 6, 8218.	5.8	61
25	RNAi Screens for Genes Involved in Golgi Glycosylation. Methods in Molecular Biology, 2015, 1270, 411-426.	0.4	4
26	Transposon mutagenesis identifies genes driving hepatocellular carcinoma in a chronic hepatitis B mouse model. Nature Genetics, 2014, 46, 24-32.	9.4	105
27	Addicted to secrete " novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250.	3.5	72
28	The small GTPase Arf1 modulates mitochondrial morphology and function. EMBO Journal, 2014, 33, 2659-2675.	3.5	81
29	WLS Retrograde Transport to the Endoplasmic Reticulum during Wnt Secretion. Developmental Cell, 2014, 29, 277-291.	3.1	113
30	ERK8 is a negative regulator of O-GalNAc glycosylation and cell migration. ELife, 2014, 3, e01828.	2.8	52
31	Zip14 expression induced by lipopolysaccharides in macrophages attenuates inflammatory response. Inflammation Research, 2013, 62, 133-143.	1.6	37
32	ScreenSifter: analysis and visualization of RNAi screening data. BMC Bioinformatics, 2013, 14, 290.	1.2	19
33	EV11 oncoprotein interacts with a large and complex network of proteins and integrates signals through protein phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2885-94.	3.3	44
34	Initiation of GalNAc-type O-glycosylation in the endoplasmic reticulum promotes cancer cell invasiveness. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3152-61.	3.3	158
35	RNAi screening reveals a large signaling network controlling the Golgi apparatus in human cells. Molecular Systems Biology, 2013, 9, 677.	3.2	1
36	TRPM5-mediated calcium uptake regulates mucin secretion from human colon goblet cells. ELife, 2013, 2, e00658.	2.8	49

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37	RNAi screening reveals a large signaling network controlling the Golgi apparatus in human cells. <i>Molecular Systems Biology</i> , 2012, 8, 629.	3.2	121
38	Genome-Wide RNAi Screens Identify Genes Required for Ricin and PE Intoxications. <i>Developmental Cell</i> , 2011, 21, 231-244.	3.1	61
39	Exploratory analysis of cell-based screening data for phenotype identification in drug-siRNA study. <i>International Journal of Computational Biology and Drug Design</i> , 2011, 4, 194.	0.3	6
40	Location, location, location: new insights into O-GalNAc protein glycosylation. <i>Trends in Cell Biology</i> , 2011, 21, 149-158.	3.6	200
41	A genome-wide RNAi screen reveals determinants of human embryonic stem cell identity. <i>Nature</i> , 2010, 468, 316-320.	13.7	407
42	Regulation of α -glycosylation through Golgi-to-ER relocation of initiation enzymes. <i>Journal of Cell Biology</i> , 2010, 189, 843-858.	2.3	178
43	The Formation of TGN-to-Plasma-Membrane Transport Carriers. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 439-455.	4.0	183
44	Functional genomics reveals genes involved in protein secretion and Golgi organization. <i>Nature</i> , 2006, 439, 604-607.	13.7	337
45	Apatite-mediated Actin Dynamics in Resorbing Osteoclasts. <i>Molecular Biology of the Cell</i> , 2004, 15, 5231-5241.	0.9	248
46	Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. <i>Nature Cell Biology</i> , 2004, 6, 106-112.	4.6	225
47	Podosomes Display Actin Turnover and Dynamic Self-Organization in Osteoclasts Expressing Actin-Green Fluorescent Protein. <i>Molecular Biology of the Cell</i> , 2003, 14, 407-416.	0.9	400
48	Src Regulates Golgi Structure and KDEL Receptor-dependent Retrograde Transport to the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2003, 278, 46601-46606.	1.6	97
49	Molecular complexes that contain both c-Cbl and c-Src associate with Golgi membranes. <i>European Journal of Cell Biology</i> , 2002, 81, 26-35.	1.6	41
50	Analysis of Collagen Synthesis and Assembly in Culture by Immortalized Mouse Chondrocytes in the Presence or Absence of α 1(I) Collagen Chains. <i>Experimental Cell Research</i> , 1995, 219, 257-265.	1.2	32