# Frederic Bard

List of Publications by Year
in descending order



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|---|---|---|---|
| 50 papers | 4,253 citations | 159585 30 h-index | 197818 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. American Journal of Human Genetics, 2021, 108, 1301-1317. | 6.2 | 11 |
| 2 | Src activates retrograde membrane traffic through phosphorylation of GBF1. ELife, 2021, 10, . | 6.0 | 6 |
| 3 | ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. Nature Cell Biology, 2020, 22, 1371-1381. | 10.3 | 24 |
| 4 | Red-COLA1: a human fibroblast reporter cell line for type I collagen transcription. Scientific Reports, 2020, 10, 19723. | 3.3 | 6 |
| 5 | Targeting c-Myc with a novel Peptide Nuclear Delivery Device. Scientific Reports, 2020, 10, 17762. | 3.3 | 8 |
| 6 | The NAE Pathway: Autobahn to the Nucleus for Cell Surface Receptors. Cells, 2019, 8, 915. | 4.1 | 25 |
| 7 | The GalNAc-T Activation (GALA) Pathway: Drivers and markers. PLoS ONE, 2019, 14, e0214118. | 2.5 | 15 |
| 8 | HCS-PhenoCluster. , 2018, , . | | 0 |
| 9 | Quiescin sulfhydryl oxidase 1 (QSOX1) glycosite mutation perturbs secretion but not Golgi localization. Glycobiology, 2018, 28, 580-591. | 2.5 | 10 |
| 10 | Pushing the boundaries of high content imaging. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 113-114. | 1.5 | 3 |
| 11 | Digging deep into Golgi phenotypic diversity with unsupervised machine learning. Molecular Biology of the Cell, 2017, 28, 3686-3698. | 2.1 | 8 |
| 12 | Organelle Specific O-Glycosylation Drives MMP14 Activation, Tumor Growth, and Metastasis. Cancer Cell, 2017, 32, 639-653.e6. | 16.8 | 102 |
| 13 | VAMP3/Syb and YKT6 are required for the fusion of constitutive secretory carriers with the plasma membrane. PLoS Genetics, 2017, 13, e1006698. | 3.5 | 37 |
| 14 | Comment on â€œThe GalNAc-T Activation Pathway (GALA) is not a general mechanism for regulating mucin-type O-glycosylationâ€• PLoS ONE, 2017, 12, e0180005. | 2.5 | 6 |
| 15 | Short O-GalNAc glycans: regulation and role in tumor development and clinical perspectives. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1623-1639. | 2.4 | 98 |
| 16 | New developments and novel applications in high throughput and high content imaging. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 705-707. | 1.5 | 6 |
| 17 | RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. Cell Reports, 2016, 15, 2597-2607. | 6.4 | 47 |
| 18 | Cracking the Glycome Encoder: Signaling, Trafficking, and Glycosylation. Trends in Cell Biology, 2016, 26, 379-388. | 7.9 | 82 |

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|---|---|---|---|
| 19 | Sar1, a Novel Regulator of ER-Mitochondrial Contact Sites. PLoS ONE, 2016, 11, e0154280. | 2.5 | 22 |
| 20 | The Ubiquitin Ligase CBLC Maintains the Network Organization of the Golgi Apparatus. PLoS ONE, 2015, 10, e0138789. | 2.5 | 4 |
| 21 | Deterministic Restriction on Pluripotent State Dissolution by Cell-Cycle Pathways. Cell, 2015, 162, 564-579. | 28.9 | 185 |
| 22 | Genome-Wide Screen Reveals Valosin-Containing Protein Requirement for Coronavirus Exit from Endosomes. Journal of Virology, 2015, 89, 11116-11128. | 3.4 | 54 |
| 23 | Systematic Identification of Factors for Provirus Silencing in Embryonic Stem Cells. Cell, 2015, 163, 230-245. | 28.9 | 162 |
| 24 | Nuclear envelope-associated endosomes deliver surface proteins to the nucleus. Nature Communications, 2015, 6, 8218. | 12.8 | 61 |
| 25 | RNAi Screens for Genes Involved in Golgi Glycosylation. Methods in Molecular Biology, 2015, 1270, 411-426. | 0.9 | 4 |
| 26 | Transposon mutagenesis identifies genes driving hepatocellular carcinoma in a chronic hepatitis B mouse model. Nature Genetics, 2014, 46, 24-32. | 21.4 | 105 |
| 27 | Addicted to secrete â€“ novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250. | 6.7 | 72 |
| 28 | The small <scp>GTP</scp>ase Arf1 modulates mitochondrial morphology and function. EMBO Journal, 2014, 33, 2659-2675. | 7.8 | 81 |
| 29 | WLS Retrograde Transport to the Endoplasmic Reticulum during Wnt Secretion. Developmental Cell, 2014, 29, 277-291. | 7.0 | 113 |
| 30 | ERK8 is a negative regulator of O-GalNAc glycosylation and cell migration. ELife, 2014, 3, e01828. | 6.0 | 52 |
| 31 | Zip14 expression induced by lipopolysaccharides in macrophages attenuates inflammatory response. Inflammation Research, 2013, 62, 133-143. | 4.0 | 37 |
| 32 | ScreenSifter: analysis and visualization of RNAi screening data. BMC Bioinformatics, 2013, 14, 290. | 2.6 | 19 |
| 33 | EVI1 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. | 7.1 | 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. | 7.1 | 158 |
| 35 | RNAi screening reveals a large signaling network controlling the Golgi apparatus in human cells. Molecular Systems Biology, 2013, 9, 677. | 7.2 | 1 |
| 36 | TRPM5-mediated calcium uptake regulates mucin secretion from human colon goblet cells. ELife, 2013, 2, e00658. | 6.0 | 49 |

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|---|---|---|---|
| 37 | RNAi screening reveals a large signaling network controlling the Golgi apparatus in human cells. Molecular Systems Biology, 2012, 8, 629. | 7.2 | 121 |
| 38 | Genome-Wide RNAi Screens Identify Genes Required for Ricin and PE Intoxications. Developmental Cell, 2011, 21, 231-244. | 7.0 | 61 |
| 39 | Exploratory analysis of cell-based screening data for phenotype identification in drug-siRNA study. International Journal of Computational Biology and Drug Design, 2011, 4, 194. | 0.3 | 6 |
| 40 | Location, location, location: new insights into O-GalNAc protein glycosylation. Trends in Cell Biology, 2011, 21, 149-158. | 7.9 | 200 |
| 41 | A genome-wide RNAi screen reveals determinants of human embryonic stem cell identity. Nature, 2010, 468, 316-320. | 27.8 | 407 |
| 42 | Regulation of O-glycosylation through Golgi-to-ER relocation of initiation enzymes. Journal of Cell Biology, 2010, 189, 843-858. | 5.2 | 178 |
| 43 | The Formation of TGN-to-Plasma-Membrane Transport Carriers. Annual Review of Cell and Developmental Biology, 2006, 22, 439-455. | 9.4 | 183 |
| 44 | Functional genomics reveals genes involved in protein secretion and Golgi organization. Nature, 2006, 439, 604-607. | 27.8 | 337 |
| 45 | Apatite-mediated Actin Dynamics in Resorbing Osteoclasts. Molecular Biology of the Cell, 2004, 15, 5231-5241. | 2.1 | 248 |
| 46 | Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. Nature Cell Biology, 2004, 6, 106-112. | 10.3 | 225 |
| 47 | Podosomes Display Actin Turnover and Dynamic Self-Organization in Osteoclasts Expressing Actin-Green Fluorescent Protein. Molecular Biology of the Cell, 2003, 14, 407-416. | 2.1 | 400 |
| 48 | Src Regulates Golgi Structure and KDEL Receptor-dependent Retrograde Transport to the Endoplasmic Reticulum. Journal of Biological Chemistry, 2003, 278, 46601-46606. | 3.4 | 97 |
| 49 | Molecular complexes that contain both c-Cbl and c-Src associate with Golgi membranes. European Journal of Cell Biology, 2002, 81, 26-35. | 3.6 | 41 |
| 50 | Analysis of Collagen Synthesis and Assembly in Culture by Immortalized Mouse Chondrocytes in the Presence or Absence of Î±1(IX) Collagen Chains. Experimental Cell Research, 1995, 219, 257-265. | 2.6 | 32 |