

Chiara Francavilla

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,458
citations

236925

25
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

4948
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-Line High-pH Reversed-Phase Fractionation for In-Depth Phosphoproteomics. <i>Journal of Proteome Research</i> , 2014, 13, 6176-6186.	3.7	263
2	Immature truncated O-glycophenotype of cancer directly induces oncogenic features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4066-75.	7.1	251
3	In Vivo Phosphoproteomics Analysis Reveals the Cardiac Targets of β^2 -Adrenergic Receptor Signaling. <i>Science Signaling</i> , 2013, 6, rs11.	3.6	164
4	Uncovering SUMOylation Dynamics during Cell-Cycle Progression Reveals FoxM1 as a Key Mitotic SUMO Target Protein. <i>Molecular Cell</i> , 2014, 53, 1053-1066.	9.7	153
5	Functional Proteomics Defines the Molecular Switch Underlying FGF Receptor Trafficking and Cellular Outputs. <i>Molecular Cell</i> , 2013, 51, 707-722.	9.7	145
6	Immunological applications of single-domain llama recombinant antibodies isolated from a naïve library. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 273-280.	2.1	135
7	The binding of NCAM to FGFR1 induces a specific cellular response mediated by receptor trafficking. <i>Journal of Cell Biology</i> , 2009, 187, 1101-1116.	5.2	121
8	Systems-wide analysis of BCR signalosomes and downstream phosphorylation and ubiquitylation. <i>Molecular Systems Biology</i> , 2015, 11, 810.	7.2	119
9	Multilayered proteomics reveals molecular switches dictating ligand-dependent EGFR trafficking. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 608-618.	8.2	98
10	Phosphoproteomics of Primary Cells Reveals Druggable Kinase Signatures in Ovarian Cancer. <i>Cell Reports</i> , 2017, 18, 3242-3256.	6.4	81
11	Neural cell adhesion molecule regulates the cellular response to fibroblast growth factor. <i>Journal of Cell Science</i> , 2007, 120, 4388-4394.	2.0	79
12	The functional role of cell adhesion molecules in tumor angiogenesis. <i>Seminars in Cancer Biology</i> , 2009, 19, 298-309.	9.6	77
13	Recent findings and technological advances in phosphoproteomics for cells and tissues. <i>Expert Review of Proteomics</i> , 2015, 12, 469-487.	3.0	70
14	Oncogenic Mutations Rewire Signaling Pathways by Switching Protein Recruitment to Phosphotyrosine Sites. <i>Cell</i> , 2019, 179, 543-560.e26.	28.9	65
15	Temporal proteomics of NGF-TrkA signaling identifies an inhibitory role for the E3 ligase Cbl-b in neuroblastoma cell differentiation. <i>Science Signaling</i> , 2015, 8, ra40.	3.6	64
16	Dynamic lineage priming is driven via direct enhancer regulation by ERK. <i>Nature</i> , 2019, 575, 355-360.	27.8	64
17	Regulation of FGF10 Signaling in Development and Disease. <i>Frontiers in Genetics</i> , 2018, 9, 500.	2.3	56
18	Large-Scale Phosphoproteomics Reveals Shp-2 Phosphatase-Dependent Regulators of Pdgf Receptor Signaling. <i>Cell Reports</i> , 2018, 22, 2784-2796.	6.4	51

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19	Fibroblast Growth Factor Receptors (FGFRs) and Noncanonical Partners in Cancer Signaling. <i>Cells</i> , 2021, 10, 1201.	4.1	40
20	B-lymphoid tyrosine kinase (Blk) is an oncogene and a potential target for therapy with dasatinib in cutaneous T-cell lymphoma (CTCL). <i>Leukemia</i> , 2014, 28, 2109-2112.	7.2	39
21	Omics Approaches to Explore the Breast Cancer Landscape. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 395.	3.7	39
22	TIMP-1 Increases Expression and Phosphorylation of Proteins Associated with Drug Resistance in Breast Cancer Cells. <i>Journal of Proteome Research</i> , 2013, 12, 4136-4151.	3.7	36
23	Integrated proximal proteomics reveals IRS2 as a determinant of cell survival in ALK-driven neuroblastoma. <i>Science Signaling</i> , 2018, 11, .	3.6	33
24	Genomic and Proteomic Analyses of Prdm5 Reveal Interactions with Insulator Binding Proteins in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2013, 33, 4504-4516.	2.3	29
25	Pinpointing Phosphorylation Sites: Quantitative Filtering and a Novel Site-specific x-Ion Fragment. <i>Journal of Proteome Research</i> , 2011, 10, 2937-2948.	3.7	27
26	Inactivation of Junctional Adhesion Molecule-A Enhances Antitumoral Immune Response by Promoting Dendritic Cell and T Lymphocyte Infiltration. <i>Cancer Research</i> , 2010, 70, 1759-1765.	0.9	25
27	Fibroblast growth factor receptor signalling dysregulation and targeting in breast cancer. <i>Open Biology</i> , 2022, 12, 210373.	3.6	21
28	Oxidative stress from DGAT1 oncoprotein inhibition in melanoma suppresses tumor growth when ROS defenses are also breached. <i>Cell Reports</i> , 2022, 39, 110995.	6.4	19
29	Cylindromatosis Tumor Suppressor Protein (CYLD) Deubiquitinase is Necessary for Proper Ubiquitination and Degradation of the Epidermal Growth Factor Receptor. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1433-1446.	3.8	15
30	Number and brightness analysis in live cells reveals that NCAM and FGF2 elicit different assembly and dynamics of FGFR1. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	13
31	Reciprocal priming between receptor tyrosine kinases at recycling endosomes orchestrates cellular signalling outputs. <i>EMBO Journal</i> , 2021, 40, e107182.	7.8	12
32	SILAC-Based Temporal Phosphoproteomics. <i>Methods in Molecular Biology</i> , 2014, 1188, 125-148.	0.9	10
33	Discovery of a Gatekeeper Residue in the C-Terminal Tail of the Extracellular Signal-Regulated Protein Kinase 5 (ERK5). <i>International Journal of Molecular Sciences</i> , 2020, 21, 929.	4.1	9
34	Proteomic investigation of Cbl and Cbl-b in neuroblastoma cell differentiation highlights roles for SHP-2 and CDK16. <i>iScience</i> , 2021, 24, 102321.	4.1	8
35	SubcellularRVis: a web-based tool to simplify and visualise subcellular compartment enrichment. <i>Nucleic Acids Research</i> , 2022, 50, W718-W725.	14.5	7
36	Data integration and mechanistic modelling for breast cancer biology: current state and future directions. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, , 100350.	1.4	6

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37	Using Multilayer Heterogeneous Networks to Infer Functions of Phosphorylated Sites. Journal of Proteome Research, 2021, 20, 3532-3548.	3.7	4
38	TIRFM-N&B Analysis of FGFR1 Clustering in Response to NCAM and FGF2. Biophysical Journal, 2012, 102, 192a.	0.5	0
39	Oxidative Stress From DGAT1 Oncoprotein Inhibition Suppresses Tumor Growth When ROS Defenses Are Also Breached. SSRN Electronic Journal, 0, , .	0.4	0