

Etienne Coyaud

List of Publications by Year in descending order

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66
papers

3,864
citations

186265

28
h-index

149698

56
g-index

72
all docs

72
docs citations

72
times ranked

7099
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Protein Interaction Landscape of the Human Centrosome-Cilium Interface. <i>Cell</i> , 2015, 163, 1484-1499.	28.9	446
2	Inhibition of the Mitochondrial Protease ClpP as a Therapeutic Strategy for Human Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2015, 27, 864-876.	16.8	265
3	A proximity-dependent biotinylation map of a human cell. <i>Nature</i> , 2021, 595, 120-124.	27.8	263
4	VAPs and ACBD5 tether peroxisomes to the ER for peroxisome maintenance and lipid homeostasis. <i>Journal of Cell Biology</i> , 2017, 216, 367-377.	5.2	214
5	The emerging landscape of single-molecule protein sequencing technologies. <i>Nature Methods</i> , 2021, 18, 604-617.	19.0	198
6	CEP120 and SPICE1 Cooperate with CPAP in Centriole Elongation. <i>Current Biology</i> , 2013, 23, 1360-1366.	3.9	153
7	BioID-based Identification of Skp Cullin F-box (SCF) ¹² -TrCP1/2 E3 Ligase Substrates*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1781-1795.	3.8	148
8	BioID identifies novel c-MYC interacting partners in cultured cells and xenograft tumors. <i>Journal of Proteomics</i> , 2015, 118, 95-111.	2.4	112
9	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2242-2255.	3.8	112
10	Palmitoylation of NOD1 and NOD2 is required for bacterial sensing. <i>Science</i> , 2019, 366, 460-467.	12.6	109
11	PAX5 mutations occur frequently in adult B-cell progenitor acute lymphoblastic leukemia and PAX5 haploinsufficiency is associated with BCR-ABL1 and TCF3-PBX1 fusion genes: a GRAALL study. <i>Leukemia</i> , 2009, 23, 1989-1998.	7.2	101
12	LLGL2 rescues nutrient stress by promoting leucine uptake in ER+ breast cancer. <i>Nature</i> , 2019, 569, 275-279.	27.8	99
13	Wide diversity of PAX5 alterations in B-ALL: a Groupe Francophone de Cytogénétique Hématologique study. <i>Blood</i> , 2010, 115, 3089-3097.	1.4	97
14	The interactome of metabolic enzyme carbonic anhydrase IX reveals novel roles in tumor cell migration and invadopodia/MMP14-mediated invasion. <i>Oncogene</i> , 2017, 36, 6244-6261.	5.9	97
15	Spatial and proteomic profiling reveals centrosome-independent features of centriolar satellites. <i>EMBO Journal</i> , 2019, 38, e101109.	7.8	73
16	ZEB1/NuRD complex suppresses TBC1D2b to stimulate E-cadherin internalization and promote metastasis in lung cancer. <i>Nature Communications</i> , 2019, 10, 5125.	12.8	72
17	A High-Resolution Genome-Wide CRISPR/Cas9 Viability Screen Reveals Structural Features and Contextual Diversity of the Human Cell-Essential Proteome. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	66
18	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	13.3	57

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19	Fat1 interacts with Fat4 to regulate neural tube closure, neural progenitor proliferation and apical constriction during mouse brain development. <i>Development (Cambridge)</i> , 2015, 142, 2781-91.	2.5	53
20	B-cell regulator of immunoglobulin heavy-chain transcription (Bright)/ARID3a is a direct target of the oncomir microRNA-125b in progenitor B-cells. <i>Leukemia</i> , 2012, 26, 2224-2232.	7.2	52
21	MARK3-mediated phosphorylation of ARHGEF2 couples microtubules to the actin cytoskeleton to establish cell polarity. <i>Science Signaling</i> , 2017, 10, .	3.6	52
22	A Comprehensive, Flexible Collection of SARS-CoV-2 Coding Regions. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3399-3402.	1.8	48
23	CHCHD2 Is Coamplified with EGFR in NSCLC and Regulates Mitochondrial Function and Cell Migration. <i>Molecular Cancer Research</i> , 2015, 13, 1119-1129.	3.4	43
24	FKBP4 connects mTORC2 and PI3K to activate the PDK1/Akt-dependent cell proliferation signaling in breast cancer. <i>Theranostics</i> , 2019, 9, 7003-7015.	10.0	43
25	BioID screen of Salmonella type 3 secreted effectors reveals host factors involved in vacuole positioning and stability during infection. <i>Nature Microbiology</i> , 2019, 4, 2511-2522.	13.3	39
26	The Ion Transporter NKCC1 Links Cell Volume to Cell Mass Regulation by Suppressing mTORC1. <i>Cell Reports</i> , 2019, 27, 1886-1896.e6.	6.4	39
27	The Deubiquitinase USP37 Regulates Chromosome Cohesion and Mitotic Progression. <i>Current Biology</i> , 2015, 25, 2290-2299.	3.9	34
28	Identification of the SOX2 Interactome by BioID Reveals EP300 as a Mediator of SOX2-dependent Squamous Differentiation and Lung Squamous Cell Carcinoma Growth. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1864-1888.	3.8	32
29	Direct binding of CEP85 to STIL ensures robust PLK4 activation and efficient centriole assembly. <i>Nature Communications</i> , 2018, 9, 1731.	12.8	32
30	KCMF1 (potassium channel modulatory factor 1) Links RAD6 to UBR4 (ubiquitin N-recognin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T <i>Proteomics</i> , 2015, 14, 674-685.	3.8	31
31	EXD2 governs germ stem cell homeostasis and lifespan by promoting mitoribosome integrity and translation. <i>Nature Cell Biology</i> , 2018, 20, 162-174.	10.3	31
32	Ultra-sensitive <i>EGFR</i> T790M Detection as an Independent Prognostic Marker for Lung Cancer Patients Harboring <i>EGFR</i> del19 Mutations and Treated with First-generation TKIs. <i>Clinical Cancer Research</i> , 2019, 25, 4280-4289.	7.0	31
33	PPP1R35 is a novel centrosomal protein that regulates centriole length in concert with the microcephaly protein RTTN. <i>ELife</i> , 2018, 7, .	6.0	30
34	A latent subset of human hematopoietic stem cells resists regenerative stress to preserve stemness. <i>Nature Immunology</i> , 2021, 22, 723-734.	14.5	26
35	USP7 Regulates Cytokinesis through FBXO38 and KIF20B. <i>Scientific Reports</i> , 2019, 9, 2724.	3.3	25
36	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. <i>American Journal of Human Genetics</i> , 2020, 107, 727-742.	6.2	25

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37	LUZP1 and the tumor suppressor EPLIN modulate actin stability to restrict primary cilia formation. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	25
38	Alternative proteins are functional regulators in cell reprogramming by PKA activation. <i>Nucleic Acids Research</i> , 2020, 48, 7864-7882.	14.5	24
39	The dynamic interacting landscape of MAPL reveals essential functions for SUMOylation in innate immunity. <i>Scientific Reports</i> , 2017, 7, 107.	3.3	22
40	Spatiotemporal distribution of small ubiquitin-like modifiers during human placental development and in response to oxidative and inflammatory stress. <i>Journal of Physiology</i> , 2018, 596, 1587-1600.	2.9	22
41	<i>Salmonella</i> exploits host Rho GTPase signalling pathways through the phosphatase activity of SopB. <i>Cellular Microbiology</i> , 2018, 20, e12938.	2.1	22
42	Global Interactome Mapping of Mitochondrial Intermembrane Space Proteases Identifies a Novel Function for HTRA2. <i>Proteomics</i> , 2019, 19, e1900139.	2.2	22
43	Deficiency of the autophagy gene ATG16L1 induces insulin resistance through KLHL9/KLHL13/CUL3-mediated IRS1 degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 16172-16185.	3.4	22
44	Comparative Super-Resolution Mapping of Basal Feet Reveals a Modular but Distinct Architecture in Primary and Motile Cilia. <i>Developmental Cell</i> , 2020, 55, 209-223.e7.	7.0	21
45	C5orf51 is a component of the MON1-CCZ1 complex and controls RAB7A localization and stability during mitophagy. <i>Autophagy</i> , 2022, 18, 829-840.	9.1	21
46	Differential requirements for Tausled-like kinases 1 and 2 in mammalian development. <i>Cell Death and Differentiation</i> , 2017, 24, 1872-1885.	11.2	20
47	Proximity interactions of the ubiquitin ligase Mind bomb 1 reveal a role in regulation of epithelial polarity complex proteins. <i>Scientific Reports</i> , 2019, 9, 12471.	3.3	20
48	BioID Performed on Golgi Enriched Fractions Identify C10orf76 as a GBF1 Binding Protein Essential for Golgi Maintenance and Secretion. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2285-2297.	3.8	20
49	Haploinsufficiency of RREB1 causes a Noonan-like RASopathy via epigenetic reprogramming of RAS-MAPK pathway genes. <i>Nature Communications</i> , 2020, 11, 4673.	12.8	19
50	Cancer proteome and metabolite changes linked to SHMT2. <i>PLoS ONE</i> , 2020, 15, e0237981.	2.5	18
51	PAX5-AUTS2 fusion resulting from t(7;9)(q11.2;p13.2) can now be classified as recurrent in B cell acute lymphoblastic leukemia. <i>Leukemia Research</i> , 2010, 34, e323-e325.	0.8	15
52	ARID1a Associates with Lymphoid-Restricted Transcription Factors and Has an Essential Role in T Cell Development. <i>Journal of Immunology</i> , 2020, 205, 1419-1432.	0.8	15
53	Characterizing the mitochondrial DNA polymerase gamma interactome by BioID identifies Ruvbl2 localizes to the mitochondria. <i>Mitochondrion</i> , 2017, 32, 31-35.	3.4	13
54	The SUMO-specific isopeptidase SENP2 is targeted to intracellular membranes via a predicted N-terminal amphipathic α -helix. <i>Molecular Biology of the Cell</i> , 2018, 29, 1878-1890.	2.1	11

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55	FAM105A/OTULINL Is a Pseudodeubiquitinase of the OTU-Class that Localizes to the ER Membrane. Structure, 2019, 27, 1000-1012.e6.	3.3	10
56	Global Proximity Interactome of the Human Macroautophagy Pathway. Autophagy, 2022, 18, 1174-1186.	9.1	9
57	TERT Promoter Mutation as an Independent Prognostic Marker for Poor Prognosis MAPK Inhibitors-Treated Melanoma. Cancers, 2020, 12, 2224.	3.7	8
58	Salmonella effector SopD promotes plasma membrane scission by inhibiting Rab10. Nature Communications, 2021, 12, 4707.	12.8	8
59	Proximal Protein Interaction Landscape of RAS Paralogs. Cancers, 2020, 12, 3326.	3.7	6
60	Tankyrase regulates epithelial lumen formation via suppression of Rab11 GEFs. Journal of Cell Biology, 2021, 220, .	5.2	6
61	R63: Large spectre de mutations de PAX5 dans les LAL-B (V2). Bulletin Du Cancer, 2010, 97, S39-S40.	1.6	1
62	Targeting The Mitochondrial ClpP As a Novel Therapeutic Strategy For Acute Myeloid Leukemia. Blood, 2013, 122, 3937-3937.	1.4	0
63	Abstract B04: In vivo BioID identifies novel Myc interacting partners. , 2015, , .		0
64	The crystal structure of RTFDC1 reveals a RING-like pseudoheterodimer responsible for pre-mRNA splicing regulation. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a151-a151.	0.1	0
65	Abstract 4529: Mapping the protein interactome of mitochondrial intermembrane space proteases identifies a novel function for HTRA2. , 2019, , .		0
66	3017 " A DISTINCT SUBSET OF LATENT LONG-TERM HUMAN HEMATOPOIETIC STEM CELLS RESISTS REGENERATIVE STRESS TO PRESERVES STEMNESS. Experimental Hematology, 2020, 88, S43.	0.4	0