Nicolas Bisson

List of Publications by Year
in descending order

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30	799	516710 16	526287 27
papers	citations	h-index	g-index

32	32	32	1313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SRC homology 3 domains: multifaceted binding modules. Trends in Biochemical Sciences, 2022, 47, 772-784.	7.5	11
2	EPH receptor tyrosine kinases phosphorylate the PAR-3 scaffold protein to modulate downstream signaling networks. Cell Reports, 2022, 40, 111031.	6.4	8
3	Proximity-dependent Mapping of the Androgen Receptor Identifies Kruppel-like Factor 4 as a Functional Partner. Molecular and Cellular Proteomics, 2021, 20, 100064.	3.8	11
4	Protein context shapes the specificity of SH3 domain-mediated interactions in vivo. Nature Communications, 2021, 12, 1597.	12.8	35
5	Tyrosine phosphorylation of DEPTOR functions as a molecular switch to activate mTOR signaling. Journal of Biological Chemistry, 2021, 297, 101291.	3.4	8
6	Polypharmacological Perturbation of the 14-3-3 Adaptor Protein Interactome Stimulates Neurite Outgrowth. Cell Chemical Biology, 2020, 27, 657-667.e6.	5.2	24
7	The SHCA adapter protein cooperates with lipoma-preferred partner in the regulation of adhesion dynamics and invadopodia formation. Journal of Biological Chemistry, 2020, 295, 10535-10559.	3.4	10
8	Targeted proteomics analyses of phosphorylation-dependent signalling networks. Journal of Proteomics, 2018, 189, 39-47.	2.4	9
9	Mek1 Y130C mice recapitulate aspects of the human Cardio-Facio-Cutaneous syndrome. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	19
10	Proteomic Analysis of NCK1/2 Adaptors Uncovers Paralog-specific Interactions That Reveal a New Role for NCK2 in Cell Abscission During Cytokinesis. Molecular and Cellular Proteomics, 2018, 17, 1979-1990.	3.8	21
11	Direct Phosphorylation of SRC Homology 3 Domains by Tyrosine Kinase Receptors Disassembles Ligand-Induced Signaling Networks. Molecular Cell, 2018, 70, 995-1007.e11.	9.7	21
12	Small-Molecule Stabilization of 14-3-3 Protein-Protein Interactions Stimulates Axon Regeneration. Neuron, 2017, 93, 1082-1093.e5.	8.1	66
13	Signaling adaptor ShcD suppresses extracellular signal-regulated kinase (Erk) phosphorylation distal to the Ret and Trk neurotrophic receptors. Journal of Biological Chemistry, 2017, 292, 5748-5759.	3.4	8
14	MPZL1 forms a signalling complex with GRB2 adaptor and PTPN11 phosphatase in HER2-positive breast cancer cells. Scientific Reports, 2017, 7, 11514.	3.3	21
15	Sample Preparation for Mass Spectrometry Analysis of Proteinâ€“Protein Interactions in Cancer Cell Lines and Tissues. Methods in Molecular Biology, 2016, 1458, 339-347.	0.9	14
16	Systematic identification of signal integration by protein kinase A. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4501-4506.	7.1	53
17	A bidirectional antagonism between aPKC and Yurt regulates epithelial cell polarity. Journal of Cell Biology, 2014, 204, 487-495.	5.2	38
18	Leukocyte-specific protein 1 links TNF receptor-associated factor 1 to survival signaling downstream of 4-1BB in T cells. Journal of Leukocyte Biology, 2013, 93, 713-721.	3.3	26

#	Article	IF	Citations
19	The p21-activated kinase Pak1 regulates induction and migration of the neural crest in Xenopus. Cell Cycle, 2012, 11, 1316-1324.	2.6	11
20	The Adaptor Protein Grb2 Is Not Essential for the Establishment of the Glomerular Filtration Barrier. PLoS ONE, 2012, 7, e50996.	2.5	11
21	Manipulating the Fragile X Mental Retardation Proteins in the Frog. Results and Problems in Cell Differentiation, 2012, 54, 165-179.	0.7	2
22	Selected reaction monitoring mass spectrometry reveals the dynamics of signaling through the GRB2 adaptor. Nature Biotechnology, 2011, 29, 653-658.	17.5	209
23	Role of p21â€activated kinase in cell polarity and directional mesendoderm migration in the Xenopus gastrula. Developmental Dynamics, 2009, 238, 1709-1726.	1.8	7
24	Mice lacking both mixed-lineage kinase genes Mlk1 and Mlk2 retain a wild type phenotype. Cell Cycle, 2008, 7, 909-916.	2.6	19
25	EphA4 Signaling Regulates Blastomere Adhesion in the Xenopus Embryo by Recruiting Pak1 to Suppress Cdc42 Function. Molecular Biology of the Cell, 2007, 18, 1030-1043.	2.1	35
26	The RNA-binding Protein Fragile X-related 1 Regulates Somite Formation in Xenopus laevis. Molecular Biology of the Cell, 2005, 16, 4350-4361.	2.1	44
27	The catalytic domain of xPAK1 is sufficient to induce myosin II dependent in vivo cell fragmentation independently of other apoptotic events. Developmental Biology, 2003, 263, 264-281.	2.0	19
28	A tissue restricted role for the Xenopus Jun N-terminal kinase kinase kinase MLK2 in cement gland and pronephric tubule differentiation. Developmental Biology, 2003, 254, 200-214.	2.0	17
29	Mlk1. The AFCS-nature Molecule Pages, 0, , .	0.2	11
30	Mlk2. The AFCS-nature Molecule Pages, 0, , .	0.2	11