

# Nicolas Bisson

## List of Publications by Year in descending order

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30  
papers

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citations

516710

16  
h-index

526287

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g-index

32  
all docs

32  
docs citations

32  
times ranked

1313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selected reaction monitoring mass spectrometry reveals the dynamics of signaling through the GRB2 adaptor. <i>Nature Biotechnology</i> , 2011, 29, 653-658.	17.5	209
2	Small-Molecule Stabilization of 14-3-3 Protein-Protein Interactions Stimulates Axon Regeneration. <i>Neuron</i> , 2017, 93, 1082-1093.e5.	8.1	66
3	Systematic identification of signal integration by protein kinase A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4501-4506.	7.1	53
4	The RNA-binding Protein Fragile X-related 1 Regulates Somite Formation in <i>Xenopus laevis</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 4350-4361.	2.1	44
5	A bidirectional antagonism between aPKC and Yurt regulates epithelial cell polarity. <i>Journal of Cell Biology</i> , 2014, 204, 487-495.	5.2	38
6	EphA4 Signaling Regulates Blastomere Adhesion in the <i>Xenopus</i> Embryo by Recruiting Pak1 to Suppress Cdc42 Function. <i>Molecular Biology of the Cell</i> , 2007, 18, 1030-1043.	2.1	35
7	Protein context shapes the specificity of SH3 domain-mediated interactions in vivo. <i>Nature Communications</i> , 2021, 12, 1597.	12.8	35
8	Leukocyte-specific protein 1 links TNF receptor-associated factor 1 to survival signaling downstream of 4-1BB in T cells. <i>Journal of Leukocyte Biology</i> , 2013, 93, 713-721.	3.3	26
9	Polypharmacological Perturbation of the 14-3-3 Adaptor Protein Interactome Stimulates Neurite Outgrowth. <i>Cell Chemical Biology</i> , 2020, 27, 657-667.e6.	5.2	24
10	MPZL1 forms a signalling complex with GRB2 adaptor and PTPN11 phosphatase in HER2-positive breast cancer cells. <i>Scientific Reports</i> , 2017, 7, 11514.	3.3	21
11	Proteomic Analysis of NCK1/2 Adaptors Uncovers Paralog-specific Interactions That Reveal a New Role for NCK2 in Cell Abscission During Cytokinesis. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1979-1990.	3.8	21
12	Direct Phosphorylation of SRC Homology 3 Domains by Tyrosine Kinase Receptors Disassembles Ligand-Induced Signaling Networks. <i>Molecular Cell</i> , 2018, 70, 995-1007.e11.	9.7	21
13	The catalytic domain of xPAK1 is sufficient to induce myosin II dependent in vivo cell fragmentation independently of other apoptotic events. <i>Developmental Biology</i> , 2003, 263, 264-281.	2.0	19
14	Mice lacking both mixed-lineage kinase genes <i>MLK1</i> and <i>MLK2</i> retain a wild type phenotype. <i>Cell Cycle</i> , 2008, 7, 909-916.	2.6	19
15	<i>Mek1</i> <i>Y130C</i> mice recapitulate aspects of the human Cardio-Facio-Cutaneous syndrome. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	19
16	A tissue restricted role for the <i>Xenopus</i> Jun N-terminal kinase kinase kinase <i>MLK2</i> in cement gland and pronephric tubule differentiation. <i>Developmental Biology</i> , 2003, 254, 200-214.	2.0	17
17	Sample Preparation for Mass Spectrometry Analysis of Protein-Protein Interactions in Cancer Cell Lines and Tissues. <i>Methods in Molecular Biology</i> , 2016, 1458, 339-347.	0.9	14
18	The p21-activated kinase <i>Pak1</i> regulates induction and migration of the neural crest in <i>Xenopus</i> . <i>Cell Cycle</i> , 2012, 11, 1316-1324.	2.6	11

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19	The Adaptor Protein Grb2 Is Not Essential for the Establishment of the Glomerular Filtration Barrier. PLoS ONE, 2012, 7, e50996.	2.5	11
20	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
21	Mlk1. The AFCS-nature Molecule Pages, 0, , .	0.2	11
22	Mlk2. The AFCS-nature Molecule Pages, 0, , .	0.2	11
23	SRC homology 3 domains: multifaceted binding modules. Trends in Biochemical Sciences, 2022, 47, 772-784.	7.5	11
24	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
25	Targeted proteomics analyses of phosphorylation-dependent signalling networks. Journal of Proteomics, 2018, 189, 39-47.	2.4	9
26	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
27	Tyrosine phosphorylation of DEPTOR functions as a molecular switch to activate mTOR signaling. Journal of Biological Chemistry, 2021, 297, 101291.	3.4	8
28	EPH receptor tyrosine kinases phosphorylate the PAR-3 scaffold protein to modulate downstream signaling networks. Cell Reports, 2022, 40, 111031.	6.4	8
29	Role of p21-activated kinase in cell polarity and directional mesendoderm migration in the <i>Xenopus</i> gastrula. Developmental Dynamics, 2009, 238, 1709-1726.	1.8	7
30	Manipulating the Fragile X Mental Retardation Proteins in the Frog. Results and Problems in Cell Differentiation, 2012, 54, 165-179.	0.7	2