Samuel Bouyain

List of Publications by Year
in descending order

29	1,217	430874 18	501196 28
papers	citations	h-index	g-index

29	29	29	2159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The extracellular region of ErbB4 adopts a tethered conformation in the absence of ligand. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15024-15029.	7.1	156
2	A single ligand is sufficient to activate EGFR dimers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10861-10866.	7.1	119
3	The protein tyrosine phosphatases PTPRZ and PTPRG bind to distinct members of the contactin family of neural recognition molecules. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2443-2448.	7.1	114
4	An optimized system for expression and purification of secreted bacterial proteins. Protein Expression and Purification, 2006, 46, 23-32.	1.3	113
5	NFAT Binding and Regulation of T Cell Activation by the Cytoplasmic Scaffolding Homer Proteins. Science, 2008, 319, 476-481.	12.6	100
6	A complex between contactin-1 and the protein tyrosine phosphatase PTPRZ controls the development of oligodendrocyte precursor cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17498-17503.	7.1	85
7	Optimization of wrMTrck to monitor Drosophila larval locomotor activity. Journal of Insect Physiology, 2016, 93-94, 11-17.	2.0	62
8	Contactin 4 as an autism susceptibility locus. Autism Research, 2011, 4, 189-199.	3.8	57
9	Contactins. Advances in Protein Chemistry and Structural Biology, 2011, 84, 143-180.	2.3	45
10	Receptorâ€type tyrosine phosphatase ligands: looking for the needle in the haystack. FEBS Journal, 2013, 280, 388-400.	4.7	41
11	New Insights into the Roles of the Contactin Cell Adhesion Molecules in Neural Development. Advances in Neurobiology, 2014, 8, 165-194.	1.8	40
12	Interaction between the PH and START domains of ceramide transfer protein competes with phosphatidylinositol 4-phosphate binding by the PH domain. Journal of Biological Chemistry, 2017, 292, 14217-14228.	3.4	35
13	Structural Basis for Interactions Between Contactin Family Members and Protein-tyrosine Phosphatase Receptor Type G in Neural Tissues. Journal of Biological Chemistry, 2016, 291, 21335-21349.	3.4	32
14	Developmental roles of tribbles protein family members. Developmental Dynamics, 2012, 241, 1239-1248.	1.8	29
15	Receptor protein tyrosine phosphatases and cancer. Cell Adhesion and Migration, 2012, 6, 356-364.	2.7	24
16	The kinase domain of Drosophila Tribbles is required for turnover of fly C/EBP during cellmigration. Developmental Biology, 2013, 375, 33-44.	2.0	24
17	Identification of tyrosine phosphatase ligands for contactin cell adhesion molecules. Communicative and Integrative Biology, 2010, 3, 284-286.	1.4	22
18	Noncanonical FK506-Binding Protein BDBT Binds DBT to Enhance Its Circadian Function and Forms Foci at Night. Neuron, 2013, 80, 984-996.	8.1	22

#	Article	IF	Citations
19	Structure-based mutagenesis of the substrate-recognition domain of Nrdp1/FLRF identifies the binding site for the receptor tyrosine kinase ErbB3. Protein Science, 2007, 16, 654-661.	7.6	19
20	The Immunoglobulin-like Domains 1 and 2 of the Protein Tyrosine Phosphatase LAR Adopt an Unusual Horseshoe-like Conformation. Journal of Molecular Biology, 2011, 408, 616-627.	4.2	19
21	The ErbB4 extracellular region retains a tetheredâ€like conformation in the absence of the tether. Protein Science, 2012, 21, 152-155.	7.6	13
22	An Endogenous Drosophila Receptor for Glycans Bearing Î±1,3-Linked Core Fucose Residues. Journal of Biological Chemistry, 2002, 277, 22566-22572.	3.4	11
23	The Circadian tau Mutation in Casein Kinase 1 Is Part of a Larger Domain That Can Be Mutated to Shorten Circadian Period. International Journal of Molecular Sciences, 2019, 20, 813.	4.1	10
24	A Drosophila model of insulin resistance associated with the human Trib3 Q/R polymorphism. DMM Disease Models and Mechanisms, 2017, 10, 1453-1464.	2.4	8
25	Members of the vertebrate contactin and amyloid precursor protein families interact through a conserved interface. Journal of Biological Chemistry, 2022, 298, 101541.	3.4	8
26	Host Glycan Recognition by a Pore Forming Toxin. Structure, 2012, 20, 197-198.	3.3	5
27	Splicing and Proteolytic Processing in VEGF Signaling: Now It Is the Coreceptorâ€™s Turn. Structure, 2015, 23, 610-611.	3.3	3
28	Complex protein interactions mediate Drosophila Lar function in muscle tissue. PLoS ONE, 2022, 17, e0269037.	2.5	1
29	Structural basis for interactions between RPTPÎ¶/PTPRZ and the perineuronal net component tenascinâ€R. FASEB Journal, 2022, 36, .	0.5	0