

Veronika Obsilov

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53
papers

1,408
citations

21
h-index

36
g-index

56
ext. papers

1,673
ext. citations

4.7
avg, IF

4.6
L-index

#	Paper	IF	Citations
53	Structural basis of 14-3-3 protein functions. <i>Seminars in Cell and Developmental Biology</i> , 2011 , 22, 663-727.	7.5	192
52	Structure/function relationships underlying regulation of FOXO transcription factors. <i>Oncogene</i> , 2008 , 27, 2263-75	9.2	170
51	14-3-3 Protein interacts with nuclear localization sequence of forkhead transcription factor FoxO4. <i>Biochemistry</i> , 2005 , 44, 11608-17	3.2	86
50	14-3-3zeta C-terminal stretch changes its conformation upon ligand binding and phosphorylation at Thr232. <i>Journal of Biological Chemistry</i> , 2004 , 279, 4531-40	5.4	62
49	Structural basis for DNA recognition by FOXO proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011 , 1813, 1946-53	4.9	60
48	Both the N-terminal loop and wing W2 of the forkhead domain of transcription factor Foxo4 are important for DNA binding. <i>Journal of Biological Chemistry</i> , 2007 , 282, 8265-75	5.4	58
47	14-3-3 protein masks the DNA binding interface of forkhead transcription factor FOXO4. <i>Journal of Biological Chemistry</i> , 2009 , 284, 19349-60	5.4	47
46	Structure of the human FOXO4-DBD-DNA complex at 1.9 Å resolution reveals new details of FOXO binding to the DNA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010 , 66, 1351-7		44
45	The 14-3-3 protein affects the conformation of the regulatory domain of human tyrosine hydroxylase. <i>Biochemistry</i> , 2008 , 47, 1768-77	3.2	42
44	14-3-3 protein C-terminal stretch occupies ligand binding groove and is displaced by phosphopeptide binding. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49113-9	5.4	41
43	Molecular basis of the 14-3-3 protein-dependent activation of yeast neutral trehalase Nth1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9811-E9820	11.5	36
42	Structural Insight into the 14-3-3 Protein-dependent Inhibition of Protein Kinase ASK1 (Apoptosis Signal-regulating kinase 1). <i>Journal of Biological Chemistry</i> , 2016 , 291, 20753-65	5.4	36
41	Role of individual phosphorylation sites for the 14-3-3-protein-dependent activation of yeast neutral trehalase Nth1. <i>Biochemical Journal</i> , 2012 , 443, 663-70	3.8	35
40	Molecular modeling of human MT2 melatonin receptor: the role of Val204, Leu272 and Tyr298 in ligand binding. <i>Journal of Neurochemistry</i> , 2004 , 91, 836-42	6	31
39	14-3-3 protein interacts with and affects the structure of RGS domain of regulator of G protein signaling 3 (RGS3). <i>Journal of Structural Biology</i> , 2010 , 170, 451-61	3.4	30
38	Biophysical and structural characterization of the thioredoxin-binding domain of protein kinase ASK1 and its interaction with reduced thioredoxin. <i>Journal of Biological Chemistry</i> , 2014 , 289, 24463-74	5.4	29
37	Structural basis of the 14-3-3 protein-dependent activation of yeast neutral trehalase Nth1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 4491-9	4	28

36	Ionic interactions are essential for TRPV1 C-terminus binding to calmodulin. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 375, 680-3	3-4	25
35	Ligand binding to the human MT2 melatonin receptor: the role of residues in transmembrane domains 3, 6, and 7. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 726-34	3-4	25
34	Structural basis for the 14-3-3 protein-dependent inhibition of the regulator of G protein signaling 3 (RGS3) function. <i>Journal of Biological Chemistry</i> , 2011 , 286, 43527-36	5-4	24
33	The C-terminal segment of yeast BMH proteins exhibits different structure compared to other 14-3-3 protein isoforms. <i>Biochemistry</i> , 2010 , 49, 3853-61	3-2	23
32	Cysteine residues mediate high-affinity binding of thioredoxin to ASK1. <i>FEBS Journal</i> , 2016 , 283, 3821-3838	5-7	21
31	Role of the EF-hand-like motif in the 14-3-3 protein-mediated activation of yeast neutral trehalase Nth1. <i>Journal of Biological Chemistry</i> , 2014 , 289, 13948-61	5-4	19
30	Structural Characterization of Phosducin and Its Complex with the 14-3-3 Protein. <i>Journal of Biological Chemistry</i> , 2015 , 290, 16246-60	5-4	18
29	14-3-3 protein directly interacts with the kinase domain of calcium/calmodulin-dependent protein kinase kinase (CaMKK2). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1612-1625	4	18
28	In-situ enrichment of phosphopeptides on MALDI plates modified by ambient ion landing. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1294-302	2-2	18
27	The role of proline residues in the structure and function of human MT2 melatonin receptor. <i>Journal of Pineal Research</i> , 2008 , 45, 361-72	10-4	17
26	Structural aspects of protein kinase ASK1 regulation. <i>Advances in Biological Regulation</i> , 2017 , 66, 31-36	6-2	16
25	Forkhead Domains of FOXO Transcription Factors Differ in both Overall Conformation and Dynamics. <i>Cells</i> , 2019 , 8,	7-9	16
24	The interactions of the C-terminal region of the TRPC6 channel with calmodulin. <i>Neurochemistry International</i> , 2010 , 56, 363-6	4-4	13
23	ATP binding site on the C-terminus of the vanilloid receptor. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 465, 389-98	4-1	13
22	14-3-3 protein masks the nuclear localization sequence of caspase-2. <i>FEBS Journal</i> , 2018 , 285, 4196-4213	5-7	13
21	Structural modulation of phosducin by phosphorylation and 14-3-3 protein binding. <i>Biophysical Journal</i> , 2012 , 103, 1960-9	2-9	12
20	Human procaspase-2 phosphorylation at both S139 and S164 is required for 14-3-3 binding. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 940-945	3-4	10
19	The redox-active site of thioredoxin is directly involved in apoptosis signal-regulating kinase 1 binding that is modulated by oxidative stress. <i>FEBS Journal</i> , 2020 , 287, 1626-1644	5-7	9

18	The 14-3-3 Proteins as Important Allosteric Regulators of Protein Kinases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
17	Effect of aminophospholipid glycation on order parameter and hydration of phospholipid bilayer. <i>Biophysical Chemistry</i> , 1999 , 80, 165-77	3.5	8
16	14-3-3 protein binding blocks the dimerization interface of caspase-2. <i>FEBS Journal</i> , 2020 , 287, 3494-3519.	9.7	7
15	Detailed kinetic analysis of the interaction between the FOXO4-DNA-binding domain and DNA. <i>Biophysical Chemistry</i> , 2013 , 184, 68-78	3.5	7
14	Structural Basis for the 14-3-3 Protein-Dependent Inhibition of Phosducin Function. <i>Biophysical Journal</i> , 2017 , 112, 1339-1349	2.9	6
13	Stabilization of Protein-Protein Interactions between CaMKK2 and 14-3-3 by Fusicoccins. <i>ACS Chemical Biology</i> , 2020 , 15, 3060-3071	4.9	5
12	Allosteric activation of yeast enzyme neutral trehalase by calcium and 14-3-3 protein. <i>Physiological Research</i> , 2019 , 68, 147-160	2.1	5
11	Modulating FOXO3 transcriptional activity by small, DBD-binding molecules. <i>ELife</i> , 2019 , 8,	8.9	5
10	14-3-3-protein regulates Nedd4-2 by modulating interactions between HECT and WW domains. <i>Communications Biology</i> , 2021 , 4, 899	6.7	4
9	The activity of <i>Saccharomyces cerevisiae</i> Na, K/H antiporter Nha1 is negatively regulated by 14-3-3 protein binding at serine 481. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 118534.	4.9	3
8	Artificial proteins as allosteric modulators of PDZ3 and SH3 in two-domain constructs: A computational characterization of novel chimeric proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016 , 84, 1358-74	4.2	3
7	CaMKK2 kinase domain interacts with the autoinhibitory region through the N-terminal lobe including the RP insert. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 2304-2313	4	2
6	Structural Insights Support Targeting ASK1 Kinase for Therapeutic Interventions.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
5	A new role for 14-3-3 protein in steroidogenesis. <i>FEBS Journal</i> , 2020 , 287, 3921-3924	5.7	1
4	14-3-3 proteins inactivate DAPK2 by promoting its dimerization and protecting key regulatory phosphosites. <i>Communications Biology</i> , 2021 , 4, 986	6.7	1
3	FOXO4 interacts with p53 TAD and CRD and inhibits its binding to DNA.. <i>Protein Science</i> , 2022 , 31, e42876.	6.3	1
2	Mechanistic Insight into the 14-3-3 Protein-Dependent Activation of Yeast Neutral Trehalase Nth1. <i>FASEB Journal</i> , 2015 , 29, 572.2	0.9	
1	Biophysical Characterization of Interaction between the Thioredoxin-Binding Domain of Protein Kinase ASK1 and Reduced Thioredoxin. <i>FASEB Journal</i> , 2015 , 29, 724.3	0.9	

