Veronika ObÅ¡ilovÃ¡

List of Publications by Year
in descending order

54 papers	1,866 citations	236833 25 h-index	276775 41 g-index
56 all docs	56 docs citations	56 times ranked	2324 citing authors

#	Article	IF	Citations
1	Structural basis of 14-3-3 protein functions. Seminars in Cell and Developmental Biology, 2011, 22, 663-672.	2.3	242
2	Structure/function relationships underlying regulation of FOXO transcription factors. Oncogene, 2008, 27, 2263-2275.	2.6	214
3	14-3-3 Protein Interacts with Nuclear Localization Sequence of Forkhead Transcription Factor FoxO4. Biochemistry, 2005, 44, 11608-11617.	1.2	100
4	14-3-3Î¶ C-terminal Stretch Changes Its Conformation upon Ligand Binding and Phosphorylation at Thr232. Journal of Biological Chemistry, 2004, 279, 4531-4540.	1.6	79
5	Structural basis for DNA recognition by FOXO proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1946-1953.	1.9	79
6	Both the N-terminal Loop and Wing W2 of the Forkhead Domain of Transcription Factor Foxo4 Are Important for DNA Binding. Journal of Biological Chemistry, 2007, 282, 8265-8275.	1.6	68
7	Molecular basis of the 14-3-3 protein-dependent activation of yeast neutral trehalase Nth1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9811-E9820.	3.3	58
8	14-3-3 Protein Masks the DNA Binding Interface of Forkhead Transcription Factor FOXO4. Journal of Biological Chemistry, 2009, 284, 19349-19360.	1.6	55
9	Structure of the human FOXO4-DBDâ€"DNA complex at 1.9â€…Ã… resolution reveals new details of FOXO binding to the DNA. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1351-1357.	2.5	54
10	14-3-3 Protein C-terminal Stretch Occupies Ligand Binding Groove and Is Displaced by Phosphopeptide Binding. Journal of Biological Chemistry, 2004, 279, 49113-49119.	1.6	52
11	The 14-3-3 Protein Affects the Conformation of the Regulatory Domain of Human Tyrosine Hydroxylase. Biochemistry, 2008, 47, 1768-1777.	1.2	49
12	Role of individual phosphorylation sites for the 14-3-3-protein-dependent activation of yeast neutral trehalase Nth1. Biochemical Journal, 2012, 443, 663-670.	1.7	47
13	Structural Insight into the 14-3-3 Protein-dependent Inhibition of Protein Kinase ASK1 (Apoptosis) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	45
14	The 14-3-3 Proteins as Important Allosteric Regulators of Protein Kinases. International Journal of Molecular Sciences, 2020, 21, 8824.	1.8	41
15	Biophysical and Structural Characterization of the Thioredoxin-binding Domain of Protein Kinase ASK1 and Its Interaction with Reduced Thioredoxin. Journal of Biological Chemistry, 2014, 289, 24463-24474.	1.6	36
16	14-3-3 protein interacts with and affects the structure of RGS domain of regulator of G protein signaling 3 (RGS3). Journal of Structural Biology, 2010, 170, 451-461.	1.3	34
17	Structural basis of the 14-3-3 protein-dependent activation of yeast neutral trehalase Nth1. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4491-4499.	1.1	34
18	Molecular modeling of human MT2 melatonin receptor: the role of Val204, Leu272 and Tyr298 in ligand binding. Journal of Neurochemistry, 2004, 91, 836-842.	2.1	33

#	Article	IF	Citations
19	Forkhead Domains of FOXO Transcription Factors Differ in both Overall Conformation and Dynamics. Cells, 2019, 8, 966.	1.8	30
20	14-3-3 protein directly interacts with the kinase domain of calcium/calmodulin-dependent protein kinase kinase (CaMKK2). Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1612-1625.	1.1	29
21	The C-Terminal Segment of Yeast BMH Proteins Exhibits Different Structure Compared to Other 14-3-3 Protein Isoforms. Biochemistry, 2010, 49, 3853-3861.	1.2	28
22	Ligand binding to the human MT2 melatonin receptor: The role of residues in transmembrane domains 3, 6, and 7. Biochemical and Biophysical Research Communications, 2005, 332, 726-734.	1.0	27
23	Ionic interactions are essential for TRPV1 C-terminus binding to calmodulin. Biochemical and Biophysical Research Communications, 2008, 375, 680-683.	1.0	27
24	Cysteine residues mediate highâ€affinity binding of thioredoxin to <scp>ASK</scp>1. FEBS Journal, 2016, 283, 3821-3838.	2.2	27
25	14-3-3-protein regulates Nedd4-2 by modulating interactions between HECT and WW domains. Communications Biology, 2021, 4, 899.	2.0	27
26	Structural Basis for the 14-3-3 Protein-dependent Inhibition of the Regulator of G Protein Signaling 3 (RGS3) Function. Journal of Biological Chemistry, 2011, 286, 43527-43536.	1.6	25
27	Role of the EF-hand-like Motif in the 14-3-3 Protein-mediated Activation of Yeast Neutral Trehalase Nth1. Journal of Biological Chemistry, 2014, 289, 13948-13961.	1.6	23
28	<i>Inâ€situ</i> enrichment of phosphopeptides on MALDI plates modified by ambient ion landing. Journal of Mass Spectrometry, 2012, 47, 1294-1302.	0.7	21
29	The role of proline residues in the structure and function of human MT2 melatonin receptor. Journal of Pineal Research, 2008, 45, 361-372.	3.4	20
30	Structural Characterization of Phosducin and Its Complex with the 14-3-3 Protein. Journal of Biological Chemistry, 2015, 290, 16246-16260.	1.6	20
31	Structural aspects of protein kinase ASK1 regulation. Advances in Biological Regulation, 2017, 66, 31-36.	1.4	20
32	14-3-3 proteins inactivate DAPK2 by promoting its dimerization and protecting key regulatory phosphosites. Communications Biology, 2021, 4, 986.	2.0	19
33	14â€3â€3 protein masks the nuclear localization sequence of caspaseâ€2. FEBS Journal, 2018, 285, 4196-4213.	2.2	17
34	Stabilization of Proteinâ€"Protein Interactions between CaMKK2 and 14â€"3â€"3 by Fusicoccins. ACS Chemical Biology, 2020, 15, 3060-3071.	1.6	16
35	ATP binding site on the C-terminus of the vanilloid receptor. Archives of Biochemistry and Biophysics, 2007, 465, 389-398.	1.4	15
36	Human procaspase-2 phosphorylation at both S139 and S164 is required for 14-3-3 binding. Biochemical and Biophysical Research Communications, 2017, 493, 940-945.	1.0	15

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37	The redoxâ€active site of thioredoxin is directly involved in apoptosis signalâ€regulating kinase 1 binding that is modulated by oxidative stress. FEBS Journal, 2020, 287, 1626-1644.	2.2	15
38	The interactions of the C-terminal region of the TRPC6 channel with calmodulin. Neurochemistry International, 2010, 56, 363-366.	1.9	14
39	14â€3â€3 protein binding blocks the dimerization interface of caspaseâ€2. FEBS Journal, 2020, 287, 3494-3510.	2.2	14
40	Modulating FOXO3 transcriptional activity by small, DBD-binding molecules. ELife, 2019, 8, .	2.8	14
41	Structural Modulation of Phosducin by Phosphorylation and 14-3-3 Protein Binding. Biophysical Journal, 2012, 103, 1960-1969.	0.2	13
42	Detailed kinetic analysis of the interaction between the FOXO4â€"DNA-binding domain and DNA. Biophysical Chemistry, 2013, 184, 68-78.	1.5	9
43	The activity of Saccharomyces cerevisiae Na+, K+/H+ antiporter Nha1 is negatively regulated by 14-3-3 protein binding at serine 481. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 118534.	1.9	9
44	Effect of aminophospholipid glycation on order parameter and hydration of phospholipid bilayer. Biophysical Chemistry, 1999, 80, 165-177.	1.5	8
45	Structural Basis for the 14-3-3 Protein-Dependent Inhibition of Phosducin Function. Biophysical Journal, 2017, 112, 1339-1349.	0.2	8
46	Structural Insights Support Targeting ASK1 Kinase for Therapeutic Interventions. International Journal of Molecular Sciences, 2021, 22, 13395.	1.8	8
47	Allosteric activation of yeast enzyme neutral trehalase by calcium and 14-3-3 protein. Physiological Research, 2019, 68, 147-160.	0.4	6
48	<scp>FOXO4</scp> interacts with p53 <scp>TAD</scp> and <scp>CRD</scp> and inhibits its binding to <scp>DNA</scp>. Protein Science, 2022, 31, e4287.	3.1	6
49	Nedd4-2 binding to 14-3-3 modulates the accessibility of its catalytic site and WW domains. Biophysical Journal, 2022, 121, 1299-1311.	0.2	5
50	Artificial proteins as allosteric modulators of PDZ3 and SH3 in twoâ€domain constructs: A computational characterization of novel chimeric proteins. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1358-1374.	1.5	4
51	CaMKK2 kinase domain interacts with the autoinhibitory region through the N-terminal lobe including the RP insert. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2304-2313.	1.1	4
52	A new role for 14â€3â€3 protein in steroidogenesis. FEBS Journal, 2020, 287, 3921-3924.	2.2	1
53	Mechanistic Insight into the 14â€3â€3 Proteinâ€Dependent Activation of Yeast Neutral Trehalase Nth1. FASEB Journal, 2015, 29, 572.2.	0.2	0
54	Biophysical Characterization of Interaction between the Thioredoxinâ€Binding Domain of Protein Kinase ASK1 and Reduced Thioredoxin. FASEB Journal, 2015, 29, 724.3.	0.2	0