

Petri Kursula

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1691095/publications.pdf>

Version: 2024-02-01

146
papers

4,350
citations

126907

33
h-index

149698

56
g-index

175
all docs

175
docs citations

175
times ranked

6418
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and function of an atypical homodimeric actin capping protein from the malaria parasite. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 125.	5.4	2
2	Development and Validation of Arc Nanobodies: New Tools for Probing Arc Dynamics and Function. <i>Neurochemical Research</i> , 2022, 47, 2656-2666.	3.3	6
3	Structural and biophysical characterization of transcription factor HNF-1A as a tool to study MODY3 diabetes variants. <i>Journal of Biological Chemistry</i> , 2022, 298, 101803.	3.4	4
4	Multiple sclerosis and myelin basic protein: insights into protein disorder and disease. <i>Amino Acids</i> , 2022, 54, 99-109.	2.7	57
5	Structural insights into Charcot-Marie-Tooth disease-linked mutations in human GDAP1. <i>FEBS Open Bio</i> , 2022, 12, 1306-1324.	2.3	6
6	High-affinity anti-Arc nanobodies provide tools for structural and functional studies. <i>PLoS ONE</i> , 2022, 17, e0269281.	2.5	5
7	Human myelin proteolipid protein structure and lipid bilayer stacking. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	9
8	Structure and substrate specificity determinants of the taurine biosynthetic enzyme cysteine sulphinic acid decarboxylase. <i>Journal of Structural Biology</i> , 2021, 213, 107674.	2.8	3
9	Arc self-association and formation of virus-like capsids are mediated by an N-terminal helical coil motif. <i>FEBS Journal</i> , 2021, 288, 2930-2955.	4.7	25
10	Crystal and solution structures reveal oligomerization of individual capsid homology domains of <i>Drosophila</i> Arc. <i>PLoS ONE</i> , 2021, 16, e0251459.	2.5	7
11	Small-angle X-ray scattering for the proteomics community: current overview and future potential. <i>Expert Review of Proteomics</i> , 2021, 18, 415-422.	3.0	4
12	Structural properties and peptide ligand binding of the capsid homology domains of human Arc. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100975.	1.3	12
13	Human myelin protein P2: from crystallography to time-lapse membrane imaging and neuropathy-associated variants. <i>FEBS Journal</i> , 2021, 288, 6716-6735.	4.7	10
14	Crystal and solution structure of NDRG1, a membrane-binding protein linked to myelination and tumour suppression. <i>FEBS Journal</i> , 2021, 288, 3507-3529.	4.7	10
15	Phosphatidylserine receptors enhance SARS-CoV-2 infection. <i>PLoS Pathogens</i> , 2021, 17, e1009743.	4.7	55
16	GADL1 is a multifunctional decarboxylase with tissue-specific roles in β^2 -alanine and carnosine production. <i>Science Advances</i> , 2020, 6, eabb3713.	10.3	27
17	How Does Protein Zero Assemble Compact Myelin?. <i>Cells</i> , 2020, 9, 1832.	4.1	15
18	Structure of the ALS Mutation Target Annexin A11 Reveals a Stabilising N-Terminal Segment. <i>Biomolecules</i> , 2020, 10, 660.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Flexible Players within the Sheaths: The Intrinsically Disordered Proteins of Myelin in Health and Disease. <i>Cells</i> , 2020, 9, 470.	4.1	19
20	Cryo-EM, X-ray diffraction, and atomistic simulations reveal determinants for the formation of a supramolecular myelin-like proteolipid lattice. <i>Journal of Biological Chemistry</i> , 2020, 295, 8692-8705.	3.4	15
21	Functional homo- and heterodimeric actin capping proteins from the malaria parasite. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 681-686.	2.1	3
22	Structure of the Complete Dimeric Human GDAP1 Core Domain Provides Insights into Ligand Binding and Clustering of Disease Mutations. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 631232.	3.5	11
23	Direct Binding of the Flexible C-Terminal Segment of Periaxin to $\alpha 24$ Integrin Suggests a Molecular Basis for CMT4F. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 84.	2.9	12
24	A Quasielastic Neutron Scattering Investigation on the Molecular Self-Dynamics of Human Myelin Protein P2. <i>Journal of Physical Chemistry B</i> , 2019, 123, 8178-8185.	2.6	4
25	Stability and flexibility of full-length human oligodendrocytic QKI6. <i>BMC Research Notes</i> , 2019, 12, 609.	1.4	0
26	Sub-Atomic Resolution Crystal Structures Reveal Conserved Geometric Outliers at Functional Sites. <i>Molecules</i> , 2019, 24, 3044.	3.8	4
27	Molecular structure and function of myelin protein PO in membrane stacking. <i>Scientific Reports</i> , 2019, 9, 642.	3.3	41
28	Neuropathy-related mutations alter the membrane binding properties of the human myelin protein PO cytoplasmic tail. <i>PLoS ONE</i> , 2019, 14, e0216833.	2.5	11
29	Shanks " multidomain molecular scaffolds of the postsynaptic density. <i>Current Opinion in Structural Biology</i> , 2019, 54, 122-128.	5.7	19
30	Ionic strength and calcium regulate membrane interactions of myelin basic protein and the cytoplasmic domain of myelin protein zero. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 7-12.	2.1	11
31	Raptor-Mediated Proteasomal Degradation of Deamidated 4E-BP2 Regulates Postnatal Neuronal Translation and NF- κ B Activity. <i>Cell Reports</i> , 2019, 29, 3620-3635.e7.	6.4	8
32	Structural properties and role of the endocannabinoid lipases ABHD6 and ABHD12 in lipid signalling and disease. <i>Amino Acids</i> , 2019, 51, 151-174.	2.7	13
33	The quaternary structure of human tyrosine hydroxylase: effects of dystonia-associated missense variants on oligomeric state and enzyme activity. <i>Journal of Neurochemistry</i> , 2019, 148, 291-306.	3.9	20
34	Structural basis for PDZ domain interactions in the postsynaptic density scaffolding protein Shank3. <i>Journal of Neurochemistry</i> , 2018, 145, 449-463.	3.9	29
35	Structure of the mouse acidic amino acid decarboxylase GADL1. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 65-73.	0.8	8
36	CHCHD10 mutations p.R15L and p.G66V cause motoneuron disease by haploinsufficiency. <i>Human Molecular Genetics</i> , 2018, 27, 706-715.	2.9	30

#	ARTICLE	IF	CITATIONS
37	Flexibility of the Myelin Scaffolding Protein Periaxin. <i>Biophysical Journal</i> , 2018, 114, 407a.	0.5	0
38	High-affinity heterotetramer formation between the large myelin-associated glycoprotein and the dynein light chain <sc>DYNLL</sc>1. <i>Journal of Neurochemistry</i> , 2018, 147, 764-783.	3.9	24
39	Crystallographic home-source X-ray data for the atomic-resolution experimental phasing of the Shank3 SH3 domain structure from pseudomerohedrally twinned crystals. <i>Data in Brief</i> , 2018, 20, 1912-1916.	1.0	0
40	The N-terminal domain of unknown function (DUF959) in collagen XVIII is intrinsically disordered and highly O-glycosylated. <i>Biochemical Journal</i> , 2018, 475, 3577-3593.	3.7	8
41	Structure and dynamics of a human myelin protein P2 portal region mutant indicate opening of the β^2 barrel in fatty acid binding proteins. <i>BMC Structural Biology</i> , 2018, 18, 8.	2.3	19
42	Structure of monomeric full-length <sc>ARC</sc> sheds light on molecular flexibility, protein interactions, and functional modalities. <i>Journal of Neurochemistry</i> , 2018, 147, 323-343.	3.9	26
43	Antagonistic Functions of MBP and CNP Establish Cytosolic Channels in CNS Myelin. <i>Cell Reports</i> , 2017, 18, 314-323.	6.4	145
44	Calcium modulates calmodulin/actinin 1 interaction with and agonist-dependent internalization of the adenosine A _{2A} receptor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 674-686.	4.1	4
45	Assembly of the elongated collagen prolyl 4-hydroxylase $\beta^2\beta^2$ heterotetramer around a central β^2 dimer. <i>Biochemical Journal</i> , 2017, 474, 751-769.	3.7	17
46	Crystallographic anomalous diffraction data for the experimental phasing of two myelin proteins, gliomedin and periaxin. <i>Data in Brief</i> , 2017, 11, 552-556.	1.0	0
47	SUMO on CRMPs - wrestling for pain?. <i>Channels</i> , 2017, 11, 265-267.	2.8	2
48	Collapsin response mediator protein 2: high-resolution crystal structure sheds light on small-molecule binding, post-translational modifications, and conformational flexibility. <i>Amino Acids</i> , 2017, 49, 747-759.	2.7	22
49	Membrane Association Landscape of Myelin Basic Protein Portrays Formation of the Myelin Major Dense Line. <i>Scientific Reports</i> , 2017, 7, 4974.	3.3	63
50	Molecular mechanisms of Charcot-Marie-Tooth neuropathy linked to mutations in human myelin protein P2. <i>Scientific Reports</i> , 2017, 7, 6510.	3.3	33
51	Structure of an unconventional SH3 domain from the postsynaptic density protein Shank3 at ultrahigh resolution. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 806-812.	2.1	16
52	Structural similarities and functional differences clarify evolutionary relationships between tRNA healing enzymes and the myelin enzyme CNPase. <i>BMC Biochemistry</i> , 2017, 18, 7.	4.4	1
53	Myelin-derived and putative molecular mimic peptides share structural properties in aqueous and membrane-like environments. <i>Multiple Sclerosis and Demyelinating Disorders</i> , 2017, 2, .	1.1	9
54	Structural aspects of nucleotide ligand binding by a bacterial 2H phosphoesterase. <i>PLoS ONE</i> , 2017, 12, e0170355.	2.5	6

#	ARTICLE	IF	CITATIONS
55	Sister Chromatid Cohesion Establishment Factor ESCO1 Operates by Substrate-Assisted Catalysis. <i>Structure</i> , 2016, 24, 789-796.	3.3	14
56	Stable preparations of tyrosine hydroxylase provide the solution structure of the full-length enzyme. <i>Scientific Reports</i> , 2016, 6, 30390.	3.3	24
57	Collapsin Response Mediator Protein-2 (CRMP2) is a Plausible Etiological Factor and Potential Therapeutic Target in Alzheimer's Disease: Comparison and Contrast with Microtubule-Associated Protein Tau. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1-14.	2.6	62
58	Death-Associated Protein Kinase Activity Is Regulated by Coupled Calcium/Calmodulin Binding to Two Distinct Sites. <i>Structure</i> , 2016, 24, 851-861.	3.3	21
59	Structural and functional evolution of 2'-3'-cyclic nucleotide 3'-phosphodiesterase. <i>Brain Research</i> , 2016, 1641, 64-78.	2.2	27
60	Determinants of ligand binding and catalytic activity in the myelin enzyme 2'-3'-cyclic nucleotide 3'-phosphodiesterase. <i>Scientific Reports</i> , 2015, 5, 16520.	3.3	26
61	Production, crystallization and neutron diffraction of fully deuterated human myelin peripheral membrane protein P2. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1391-1395.	0.8	11
62	Neutron scattering studies on protein dynamics using the human myelin peripheral membrane protein P2. <i>EPJ Web of Conferences</i> , 2015, 83, 02010.	0.3	4
63	Two independently folding units of Plasmodium profilin suggest evolution via gene fusion. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4193-4203.	5.4	9
64	The Olfactomedin Domain from Gliomedin Is a \hat{I}^2 -Propeller with Unique Structural Properties. <i>Journal of Biological Chemistry</i> , 2015, 290, 3612-3621.	3.4	19
65	Human Adenosine A2A Receptor Binds Calmodulin with High Affinity in a Calcium-Dependent Manner. <i>Biophysical Journal</i> , 2015, 108, 903-917.	0.5	12
66	The N-terminal cytoplasmic domain of neuregulin 1 type III is intrinsically disordered. <i>Amino Acids</i> , 2015, 47, 1567-1577.	2.7	8
67	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. <i>Nature Neuroscience</i> , 2015, 18, 631-636.	14.8	652
68	Human \hat{I}^3 , \hat{I}^2 -enoyl-CoA isomerase, type 2: a structural enzymology study on the catalytic role of its ACBP domain and helix 10. <i>FEBS Journal</i> , 2015, 282, 746-768.	4.7	15
69	Dynamics of the Peripheral Membrane Protein P2 from Human Myelin Measured by Neutron Scattering—A Comparison between Wild-Type Protein and a Hinge Mutant. <i>PLoS ONE</i> , 2015, 10, e0128954.	2.5	17
70	Atomic resolution view into the structure-function relationships of the human myelin peripheral membrane protein P2. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 165-176.	2.5	41
71	A role of peripheral myelin protein 2 in lipid homeostasis of myelinating schwann cells. <i>Glia</i> , 2014, 62, 1502-1512.	4.9	61
72	Periaxin and AHNAK Nucleoprotein 2 Form Intertwined Homodimers through Domain Swapping. <i>Journal of Biological Chemistry</i> , 2014, 289, 14121-14131.	3.4	30

#	ARTICLE	IF	CITATIONS
73	The many structural faces of calmodulin: a multitasking molecular jackknife. <i>Amino Acids</i> , 2014, 46, 2295-2304.	2.7	65
74	Expression, purification, crystallization and preliminary X-ray crystallographic analysis of the extracellular olfactomedin domain of gliomedin. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1536-1539.	0.8	2
75	Structural and dynamical properties of reconstituted myelin sheaths in the presence of myelin proteins MBP and P2 studied by neutron scattering. <i>Soft Matter</i> , 2014, 10, 519-529.	2.7	34
76	Crystallographic snapshots of initial steps in the collapse of the calmodulin central helix. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 24-30.	2.5	14
77	DNA binding properties of human Cdc45 suggest a function as molecular wedge for DNA unwinding. <i>Nucleic Acids Research</i> , 2014, 42, 2308-2319.	14.5	30
78	The myelin membrane-associated enzyme 2 α ,3 α -cyclic nucleotide 3 α -phosphodiesterase: on a highway to structure and function. <i>Neuroscience Bulletin</i> , 2014, 30, 956-966.	2.9	52
79	Myelin-specific proteins: A structurally diverse group of membrane-interacting molecules. <i>BioFactors</i> , 2013, 39, 233-241.	5.4	70
80	Recognition of Mono-ADP-Ribosylated ARTD10 Substrates by ARTD8 Macrod domains. <i>Structure</i> , 2013, 21, 462-475.	3.3	107
81	The Structural Motifs for Substrate Binding and Dimerization of the β Subunit of Collagen Prolyl 4-Hydroxylase. <i>Structure</i> , 2013, 21, 2107-2118.	3.3	29
82	Crystallographic Analysis of the Reaction Cycle of 2 α ,3 α -Cyclic Nucleotide 3 α -Phosphodiesterase, a Unique Member of the 2H Phosphodiesterase Family. <i>Journal of Molecular Biology</i> , 2013, 425, 4307-4322.	4.2	16
83	Lipid Membrane Association of Myelin Proteins and Peptide Segments Studied by Oriented and Synchrotron Radiation Circular Dichroism Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14983-14993.	2.6	20
84	Membrane Interactions, Intrinsic Disorder, and Unknown Functions of Myelin Proteins. <i>Biophysical Journal</i> , 2013, 104, 548a.	0.5	0
85	Recombinant production, crystallization and preliminary structural characterization of <i>Schistosoma japonicum</i> profilin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 1264-1267.	0.7	0
86	Preliminary crystallographic analysis of the N-terminal PDZ-like domain of periaxin, an abundant peripheral nerve protein linked to human neuropathies. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 804-808.	0.7	2
87	The Influence of the Myelin Basic Protein C8 Mutant on the Dynamics of Myelin Membranes. <i>Journal of the Physical Society of Japan</i> , 2013, 82, SA018.	1.6	0
88	Interactions of calmodulin with death-associated protein kinase peptides: experimental and modeling studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 30, 45-61.	3.5	14
89	Juxtalin is an intrinsically disordered F-actin-binding protein. <i>Scientific Reports</i> , 2012, 2, 899.	3.3	30
90	Structure and Function of the Peripheral Membrane Protein P2 from Human Nervous System Myelin. <i>Biophysical Journal</i> , 2012, 102, 608a.	0.5	0

#	ARTICLE	IF	CITATIONS
91	Effects of Gigapascal Level Pressure on Protein Structure and Function. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1100-1110.	2.6	9
92	The N-terminal domain of the myelin enzyme 2',3'-cyclic nucleotide 3'-phosphodiesterase: direct molecular interaction with the calcium sensor calmodulin. <i>Journal of Neurochemistry</i> , 2012, 123, 515-524.	3.9	17
93	Production and crystallization of a panel of structure-based mutants of the human myelin peripheral membrane protein P2. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1359-1362.	0.7	12
94	Myelin 2',3'-Cyclic Nucleotide 3'-Phosphodiesterase: Active-Site Ligand Binding and Molecular Conformation. <i>PLoS ONE</i> , 2012, 7, e32336.	2.5	31
95	Conformations of peptides derived from myelin-specific proteins in membrane-mimetic conditions probed by synchrotron radiation CD spectroscopy. <i>Amino Acids</i> , 2012, 42, 1467-1474.	2.7	16
96	The Lasso Segment Is Required for Functional Dimerization of the Plasmodium Formin 1 FH2 Domain. <i>PLoS ONE</i> , 2012, 7, e33586.	2.5	23
97	Cofactor mobility determines reaction outcome in the IMPDH and GMPR (β -barrel enzymes. <i>Nature Chemical Biology</i> , 2011, 7, 950-958.	8.0	35
98	Clinical and molecular characterization of five patients with succinyl-CoA:3-ketoacid CoA transferase (SCOT) deficiency. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 619-624.	3.8	31
99	Structure of the Dimeric Autoinhibited Conformation of DAPK2, a Pro-Apoptotic Protein Kinase. <i>Journal of Molecular Biology</i> , 2011, 409, 369-383.	4.2	28
100	Purification, crystallization and preliminary X-ray crystallographic analysis of MIL, a glycosylated jacalin-related lectin from mulberry (<i>Morus indica</i>) latex. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 608-612.	0.7	1
101	Charge Isomers of Myelin Basic Protein: Structure and Interactions with Membranes, Nucleotide Analogues, and Calmodulin. <i>PLoS ONE</i> , 2011, 6, e19915.	2.5	38
102	Biophysical studies on the structure and function of molecules from the vertebrate myelin sheath. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
103	Structural analysis of the complex between calmodulin and full-length myelin basic protein, an intrinsically disordered molecule. <i>Amino Acids</i> , 2010, 39, 59-71.	2.7	43
104	Purification of recombinant growth hormone by clear native gels for conformational analyses: preservation of conformation and receptor binding. <i>Amino Acids</i> , 2010, 39, 859-869.	2.7	8
105	Expression, purification, and initial characterization of different domains of recombinant mouse 2',3'-cyclic nucleotide 3'-phosphodiesterase, an enigmatic enzyme from the myelin sheath. <i>BMC Research Notes</i> , 2010, 3, 12.	1.4	19
106	Dynamic properties of a reconstituted myelin sheath. <i>Spectroscopy</i> , 2010, 24, 585-592.	0.8	21
107	Myelin Basic Protein and Myelin Protein 2 Act Synergistically to Cause Stacking of Lipid Bilayers. <i>Biochemistry</i> , 2010, 49, 3456-3463.	2.5	46
108	A neonatal-onset succinyl-CoA:3-ketoacid CoA transferase (SCOT) deficient patient with T435N and c.658dupAACGTGATT p.N220_I222dup mutations in the <i>OXCT1</i> gene. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 307-313.	3.6	19

#	ARTICLE	IF	CITATIONS
109	Molecular Basis of the Death-Associated Protein Kinaseâ€“Calcium/Calmodulin Regulator Complex. <i>Science Signaling</i> , 2010, 3, ra6.	3.6	94
110	Structural and Functional Characterization of Human Peripheral Nervous System Myelin Protein P2. <i>PLoS ONE</i> , 2010, 5, e10300.	2.5	57
111	Domain Swapping and Different Oligomeric States for the Complex Between Calmodulin and the Calmodulin-Binding Domain of Calcineurin A. <i>PLoS ONE</i> , 2009, 4, e5402.	2.5	37
112	Complex formation between calmodulin and a peptide from the intracellular loop of the gap junction protein connexin43: Molecular conformation and energetics of binding. <i>Biophysical Chemistry</i> , 2009, 144, 130-135.	2.8	14
113	Collapsin response mediator protein-2 is a calmodulin-binding protein. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 526-536.	5.4	26
114	Structure, modifications and ligand-binding properties of rat profilin 2a. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009, 65, 303-311.	2.5	9
115	Testis-expressed profilins 3 and 4 show distinct functional characteristics and localize in the acroplaxome-manchette complex in spermatids. <i>BMC Cell Biology</i> , 2009, 10, 34.	3.0	29
116	The Thiolase Reaction Mechanism: The Importance of Asn316 and His348 for Stabilizing the Enolate Intermediate of the Claisen Condensation. <i>Biochemistry</i> , 2009, 48, 11011-11025.	2.5	60
117	Accurate Solution Structures of Proteins from X-ray Data and a Minimal Set of NMR Data: Calmodulinâ€“Peptide Complexes As Examples. <i>Journal of the American Chemical Society</i> , 2009, 131, 5134-5144.	13.7	101
118	Structural properties of proteins specific to the myelin sheath. <i>Amino Acids</i> , 2008, 34, 175-185.	2.7	63
119	Interaction between the C-terminal region of human myelin basic protein and calmodulin: analysis of complex formation and solution structure. <i>BMC Structural Biology</i> , 2008, 8, 10.	2.3	43
120	Crystal and solution structure, stability and postâ€“translational modifications of collapsin response mediator protein 2. <i>FEBS Journal</i> , 2008, 275, 4583-4596.	4.7	35
121	The sulfur atoms of the substrate CoA and the catalytic cysteine are required for a productive mode of substrate binding in bacterial biosynthetic thiolase, a thioesterâ€“dependent enzyme. <i>FEBS Journal</i> , 2008, 275, 6136-6148.	4.7	18
122	Structural Basis for Parasite-Specific Functions of the Divergent Profilin of <i>Plasmodium falciparum</i> . <i>Structure</i> , 2008, 16, 1638-1648.	3.3	60
123	High-resolution Structural Analysis of Mammalian Profilin 2a Complex Formation with Two Physiological Ligands: The Formin Homology 1 Domain of mDia1 and the Proline-rich Domain of VASP. <i>Journal of Molecular Biology</i> , 2008, 375, 270-290.	4.2	60
124	Crystal Structure of Human Inosine Triphosphatase. <i>Journal of Biological Chemistry</i> , 2007, 282, 3182-3187.	3.4	48
125	Identification and characterization of a temperature-sensitive R268H mutation in the human succinyl-CoA:3-ketoacid CoA transferase (SCOT) gene. <i>Molecular Genetics and Metabolism</i> , 2007, 92, 216-221.	1.1	12
126	A structural insight into lead neurotoxicity and calmodulin activation by heavy metals. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 653-656.	0.7	45

#	ARTICLE	IF	CITATIONS
127	A previously unobserved conformation for the human Pex5p receptor suggests roles for intrinsic flexibility and rigid domain motions in ligand binding. <i>BMC Structural Biology</i> , 2007, 7, 24.	2.3	23
128	The structure of human collapsin response mediator protein 2, a regulator of axonal growth. <i>Journal of Neurochemistry</i> , 2007, 101, 906-917.	3.9	63
129	Recognition of a Functional Peroxisome Type 1 Target by the Dynamic Import Receptor Pex5p. <i>Molecular Cell</i> , 2006, 24, 653-663.	9.7	156
130	Structures of the hydrolase domain of human 10-formyltetrahydrofolate dehydrogenase and its complex with a substrate analogue. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 1294-1299.	2.5	10
131	Structure of the synthetase domain of human CTP synthetase, a target for anticancer therapy. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 613-617.	0.7	33
132	Structure and Function of the Myelin Proteins: Current Status and Perspectives in Relation to Multiple Sclerosis. <i>Current Medicinal Chemistry</i> , 2005, 12, 1569-1587.	2.4	37
133	Crystal Structure of Non-Fused Glutathione S-Transferase from <i>Schistosoma japonicum</i> in Complex with Glutathione. <i>Protein and Peptide Letters</i> , 2005, 12, 709-712.	0.9	12
134	High Resolution Crystal Structures of Human Cytosolic Thiolase (CT): A Comparison of the Active Sites of Human CT, Bacterial Thiolase, and Bacterial KAS I. <i>Journal of Molecular Biology</i> , 2005, 347, 189-201.	4.2	62
135	XDSi: a graphical interface for the data processing program XDS. <i>Journal of Applied Crystallography</i> , 2004, 37, 347-348.	4.5	48
136	Crystallization and preliminary X-ray diffraction studies of an α -methylacyl-CoA racemase from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 353-355.	2.5	13
137	Crystallization of the proline-rich-peptide binding domain of human type I collagen prolyl 4-hydroxylase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 940-942.	2.5	15
138	The Catalytic Cycle of Biosynthetic Thiolase: A Conformational Journey of an Acetyl Group through Four Binding Modes and Two Oxyanion Holes. <i>Biochemistry</i> , 2002, 41, 15543-15556.	2.5	74
139	Calcium-Dependent Interaction Between the Large Myelin-Associated Glycoprotein and S100 β . <i>Journal of Neurochemistry</i> , 2002, 73, 1724-1732.	3.9	24
140	The small myelin-associated glycoprotein binds to tubulin and microtubules. <i>Molecular Brain Research</i> , 2001, 87, 22-30.	2.3	31
141	The current status of structural studies on proteins of the myelin sheath (Review). <i>International Journal of Molecular Medicine</i> , 2001, 8, 475.	4.0	8
142	Estimation of total ribonucleic acid quantity from dilute samples by non-denaturing electrophoresis and silver staining. <i>Electrophoresis</i> , 2000, 21, 545-547.	2.4	2
143	S100 β inhibits the phosphorylation of the L-MAG cytoplasmic domain by PKA. <i>Molecular Brain Research</i> , 2000, 76, 407-410.	2.3	26
144	The Expression of Recombinant Large Myelin-Associated Glycoprotein Cytoplasmic Domain and the Purification of Native Myelin-Associated Glycoprotein from Rat Brain and Peripheral Nerve. <i>Protein Expression and Purification</i> , 1999, 15, 349-361.	1.3	18

#	ARTICLE	IF	CITATIONS
145	Expression of the amino acid dimorphism in the small myelin-associated glycoprotein cytoplasmic domain in rat peripheral nerves during postnatal development. <i>Molecular Brain Research</i> , 1998, 54, 252-261.	2.3	9
146	Exome sequencing in a child with neurodevelopmental disorder and epilepsy: Variant analysis of the <code>AHNAK2</code> gene. <i>Molecular Genetics & Genomic Medicine</i> , 0, , .	1.2	1