

Krzysztof Nieznanski

List of Publications by Year in descending order

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31
papers

840
citations

471061

17
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloidogenesis of Tau protein. <i>Protein Science</i> , 2017, 26, 2126-2150.	3.1	102
2	Phosphorus Dendrimers Affect Alzheimer's (A β ₂₈) Peptide and MAP-Tau Protein Aggregation. <i>Molecular Pharmaceutics</i> , 2012, 9, 458-469.	2.3	98
3	Soluble Prion Protein Inhibits Amyloid- β (A β) Fibrillization and Toxicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 33104-33108.	1.6	79
4	Direct interaction between prion protein and tubulin. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 403-411.	1.0	64
5	Soluble prion protein and its N-terminal fragment prevent impairment of synaptic plasticity by A β oligomers: Implications for novel therapeutic strategy in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2016, 91, 124-131.	2.1	40
6	Tubulin binding protein, CacyBP/SIP, induces actin polymerization and may link actin and tubulin cytoskeletons. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1308-1317.	1.9	38
7	CacyBP/SIP interacts with tubulin in neuroblastoma NB2a cells and induces formation of globular tubulin assemblies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1628-1636.	1.9	37
8	Prion protein inhibits microtubule assembly by inducing tubulin oligomerization. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 391-399.	1.0	34
9	Amyloidogenic cross-seeding of Tau protein: Transient emergence of structural variants of fibrils. <i>PLoS ONE</i> , 2018, 13, e0201182.	1.1	30
10	Telokin (kinase-related protein) modulates the oligomeric state of smooth-muscle myosin light-chain kinase and its interaction with myosin filaments. <i>Biochemical Journal</i> , 1997, 322, 65-71.	1.7	29
11	Interaction between Prion Protein and A β Amyloid Fibrils Revisited. <i>ACS Chemical Neuroscience</i> , 2014, 5, 340-345.	1.7	28
12	Characterization of <i>Caulobacter crescentus</i> FtsZ Protein Using Dynamic Light Scattering. <i>Journal of Biological Chemistry</i> , 2012, 287, 23878-23886.	1.6	26
13	Prion protein region 23-32 interacts with tubulin and inhibits microtubule assembly. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 279-296.	1.5	25
14	Interactions of Prion Protein With Intracellular Proteins: So Many Partners and no Consequences?. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 653-666.	1.7	25
15	The monomers, oligomers, and fibrils of amyloid- β inhibit the activity of mitoBKCa channels by a membrane-mediated mechanism. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183337.	1.4	22
16	Topoisomerase I is differently phosphorylated in two sublines of L5178Y mouse lymphoma cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1260, 35-42.	2.4	20
17	Curcumin disrupts meiotic and mitotic divisions via spindle impairment and inhibition of CDK1 activity. <i>Cell Proliferation</i> , 2010, 43, 354-364.	2.4	19
18	Kinase-related protein (telokin) is phosphorylated by smooth-muscle myosin light-chain kinase and modulates the kinase activity. <i>Biochemical Journal</i> , 1997, 328, 425-430.	1.7	15

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19	Tau inhibits tubulin oligomerization induced by prion protein. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1845-1853.	1.9	15
20	Identification of prion protein-derived peptides of potential use in Alzheimer's disease therapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2143-2153.	1.8	14
21	Ca ²⁺ binding to myosin regulatory light chain affects the conformation of the N-terminus of essential light chain and its binding to actin. <i>Archives of Biochemistry and Biophysics</i> , 2003, 417, 153-158.	1.4	11
22	Phosphorylation of topoisomerase I in L5178Y-S cells is associated with poly(ADP-ribose) metabolism. <i>Carcinogenesis</i> , 1996, 17, 383-387.	1.3	10
23	The effects of the interaction of myosin essential light chain isoforms with actin in skeletal muscles.. <i>Acta Biochimica Polonica</i> , 2002, 49, 709-719.	0.3	10
24	Order-disorder structural transitions in synthetic filaments of fast and slow skeletal muscle myosins under relaxing and activating conditions.. <i>Acta Biochimica Polonica</i> , 2000, 47, 1007-1017.	0.3	9
25	Proteolytic processing and glycosylation influence formation of porcine prion protein complexes. <i>Biochemical Journal</i> , 2005, 387, 93-100.	1.7	8
26	Prion protein impairs kinesin-driven transport. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 788-793.	1.0	8
27	Stabilization of microtubular cytoskeleton protects neurons from toxicity of N-terminal fragment of cytosolic prion protein. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2228-2239.	1.9	8
28	Neurotoxicity of oligomers of phosphorylated Tau protein carrying tauopathy-associated mutation is inhibited by prion protein. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166209.	1.8	8
29	Dual effect of actin on the accessibility of myosin essential light chain A1 to papain cleavage. <i>BBA - Proteins and Proteomics</i> , 1998, 1383, 71-81.	2.1	6
30	PKA controls a level of topoisomerase I mRNA in mouse L5178Y lymphoma cells treated with db-cAMP. <i>Molecular Biology Reports</i> , 1994, 19, 93-97.	1.0	2
31	Mechanisms of the modulation of actin-myosin interactions by A1-type myosin light chains. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130132.	1.1	0