

Qun Wei

List of Publications by Year in descending order

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92
papers

1,178
citations

331670

21
h-index

552781

26
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92
all docs

92
docs citations

92
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of Calmodulin Bound to a Calcineurin Peptide: A New Way of Making an Old Binding Mode. <i>Biochemistry</i> , 2006, 45, 738-745.	2.5	51
2	Dephosphorylation of tau protein by calcineurin tritinated into neural living cells. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 13-24.	3.3	45
3	Immune Regulation and Anti-inflammatory Effects of Isogarcinol Extracted from <i>Garcinia mangostana</i> L. against Collagen-Induced Arthritis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4127-4134.	5.2	33
4	Calcineurin B subunit interacts with proteasome subunit alpha type 7 and represses hypoxia-inducible factor-1 β activity via the proteasome pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 468-472.	2.1	31
5	Quercitrin ameliorates the development of systemic lupus erythematosus-like disease in a chronic graft-versus-host murine model. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F217-F226.	2.7	31
6	Immunosuppressive activity on the murine immune responses of glycyrol from <i>Glycyrrhiza uralensis</i> via inhibition of calcineurin activity. <i>Pharmaceutical Biology</i> , 2010, 48, 1177-1184.	2.9	30
7	A novel PCR strategy for high-efficiency, automated site-directed mutagenesis. <i>Nucleic Acids Research</i> , 2005, 33, e110-e110.	14.5	28
8	Kaempferol: A new immunosuppressant of calcineurin. <i>IUBMB Life</i> , 2008, 60, 549-554.	3.4	28
9	Mutagenesis of the L7 Loop Connecting β 2 Strands 12 and 13 of Calcineurin: Evidence for a Structural Role in Activity Changes. <i>Biochemistry</i> , 1997, 36, 7418-7424.	2.5	27
10	Glycyrol Suppresses Collagen-Induced Arthritis by Regulating Autoimmune and Inflammatory Responses. <i>PLoS ONE</i> , 2014, 9, e98137.	2.5	26
11	Overexpression of calcineurin B subunit (CnB) enhances the oncogenic potential of HEK293 cells. <i>Cancer Science</i> , 2008, 99, 1100-1108.	3.9	24
12	Calcineurin stimulates the expression of inflammatory factors in RAW 264.7 cells by interacting with proteasome subunit alpha type 6. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 668-673.	2.1	24
13	Structural basis of calcineurin activation by calmodulin. <i>Cellular Signalling</i> , 2013, 25, 2661-2667.	3.6	24
14	Isogarcinol Is a New Immunosuppressant. <i>PLoS ONE</i> , 2013, 8, e66503.	2.5	23
15	Effects of cyclosporin A, FK506 and rapamycin on calcineurin phosphatase activity in mouse brain. <i>IUBMB Life</i> , 2006, 58, 429-433.	3.4	22
16	Inhibition of calcineurin by infusion of CsA causes hyperphosphorylation of tau and is accompanied by abnormal behavior in mice. <i>Biological Chemistry</i> , 2006, 387, 977-83.	2.5	22
17	Tau binds both subunits of calcineurin, and binding is impaired by calmodulin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 2255-2261.	4.1	22
18	Infusion of FK506, a specific inhibitor of calcineurin, induces potent tau hyperphosphorylation in mouse brain. <i>Brain Research Bulletin</i> , 2008, 76, 464-468.	3.0	22

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19	Isogarcinol Extracted from <i>Garcinia mangostana</i> L. Ameliorates Imiquimod-Induced Psoriasis-like Skin Lesions in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 846-857.	5.2	22
20	Expression and reconstitution of Calcineurin A and B subunits. <i>IUBMB Life</i> , 1997, 41, 169-177.	3.4	21
21	A Renewed Model of CNA Regulation Involving Its C-Terminal Regulatory Domain and CaM. <i>Biochemistry</i> , 2008, 47, 4461-4468.	2.5	21
22	Effects of chlorogenic acid, an active compound activating calcineurin, purified from Flos Lonicerae on macrophage. <i>Acta Pharmacologica Sinica</i> , 2004, 25, 1685-9.	6.1	21
23	The Catalytically Active Domain in the A Subunit of Calcineurin. <i>Biological Chemistry</i> , 2003, 384, 1429-34.	2.5	20
24	Non-catalytic domains of subunit A negatively regulate the activity of calcineurin. <i>Biochimie</i> , 2005, 87, 215-221.	2.6	19
25	Inhibition of calcineurin by quercetin in vitro and in Jurkat cells. <i>Journal of Biochemistry</i> , 2010, 147, 185-190.	1.7	19
26	CHP2 Activates the Calcineurin/Nuclear Factor of Activated T Cells Signaling Pathway and Enhances the Oncogenic Potential of HEK293 Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 32660-32668.	3.4	18
27	Quercetin binds to calcineurin at a similar region to cyclosporin A and tacrolimus. <i>Food Chemistry</i> , 2011, 127, 1169-1174.	8.2	18
28	High Activity of the Calcineurin A Subunit with a V314 Deletion. <i>Biological Chemistry</i> , 1999, 380, 1281-5.	2.5	17
29	Studies of calcineurin B subunit from genetic engineering for use in medicine. <i>Drug Development Research</i> , 2002, 56, 40-43.	2.9	17
30	Function and structure of recombinant single chain calcineurin. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 87-93.	2.1	16
31	Calcineurin subunit B activates dendritic cells and acts as a cancer vaccine adjuvant. <i>International Immunology</i> , 2011, 23, 327-334.	4.0	16
32	The new immunosuppressant, isogarcinol, binds directly to its target enzyme calcineurin, unlike cyclosporin A and tacrolimus. <i>Biochimie</i> , 2015, 111, 119-124.	2.6	15
33	The calcineurin B subunit induces TNF-related apoptosis-inducing ligand (TRAIL) expression via CD11b- $\text{NF-}\kappa\text{B}$ pathway in RAW264.7 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 777-783.	2.1	14
34	Amelioration of Experimental Autoimmune Encephalomyelitis by Isogarcinol Extracted from <i>Garcinia mangostana</i> L. Mangosteen. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9012-9021.	5.2	14
35	Function and Structure of N-Terminal and C-Terminal Domains of Calcineurin B Subunit. <i>Biological Chemistry</i> , 2003, 384, 1299-303.	2.5	13
36	Studies of the Anticancer Effect of Calcineurin B. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 199-210.	2.4	13

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37	The $\hat{I}^{212}\hat{I}^{213}$ loop of protein phosphatase-1 is involved in activity regulation. <i>IUBMB Life</i> , 2006, 58, 487-492.	3.4	13
38	Calmodulin-dependent activation of calcineurin by chlorogenic acid. <i>IUBMB Life</i> , 2007, 59, 402-407.	3.4	13
39	Calcineurin regulatory subunit B is a unique calcium sensor that regulates calcineurin in both calcium-dependent and calcium-independent manner. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 612-623.	2.6	13
40	Calcineurin B subunit triggers innate immunity and acts as a novel Engerix-B [®] HBV vaccine adjuvant. <i>Vaccine</i> , 2012, 30, 4719-4727.	3.8	13
41	Recent progress on the structure of Ser/Thr protein phosphatases. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 487-494.	1.3	12
42	Mutation of calcineurin subunit B M118 influences the activities of NF-AT and p53, but not calcineurin expression level. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 481-486.	2.1	12
43	The Calcineurin B Subunit (CnB) Is a New Ligand of Integrin $\hat{I}^{\pm}M$ That Mediates CnB-Induced Apo2L/TRAIL Expression in Macrophages. <i>Journal of Immunology</i> , 2012, 188, 238-247.	0.8	12
44	Isogarcinol Extracted from <i>Garcinia mangostana</i> L. Ameliorates Systemic Lupus Erythematosus-like Disease in a Murine Model. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8452-8459.	5.2	12
45	Quercitrin extracted from Tartary buckwheat alleviates imiquimod-induced psoriasis-like dermatitis in mice by inhibiting the Th17 cell response. <i>Journal of Functional Foods</i> , 2017, 38, 9-19.	3.4	12
46	The effect of calcineurin activator, extracted from Chinese herbal medicine, on memory and immunity in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 75, 749-754.	2.9	11
47	Interaction of calcineurin with its activator, chlorogenic acid revealed by spectroscopic methods. <i>Biochimie</i> , 2009, 91, 820-825.	2.6	11
48	Regulation of the catalytic domain of protein phosphatase 1 by the terminal region of protein phosphatase 2B. <i>Journal of Biochemistry</i> , 2012, 151, 283-290.	1.7	11
49	The interaction between calcineurin and \hat{I}^{\pm} -synuclein is regulated by calcium and calmodulin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1109-1114.	2.1	11
50	The $\hat{I}^{212}\hat{I}^{213}$ loop is a key regulatory element for the activity and properties of the catalytic domain of protein phosphatase 1 and 2B. <i>Biological Chemistry</i> , 2006, 387, 1461-7.	2.5	10
51	Peptides derived from transcription factor EB bind to calcineurin at a similar region as the NFAT-type motif. <i>Biochimie</i> , 2017, 142, 158-167.	2.6	10
52	The regulatory domains of CNA have different effects on the inhibition of CN activity by FK506 and CsA. <i>IUBMB Life</i> , 2007, 59, 388-393.	3.4	9
53	Studies on the interactions of kaempferol to calcineurin by spectroscopic methods and docking. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1269-1275.	2.3	9
54	Calcineurin subunit B upregulates $\hat{I}^{2\hat{a}}$ -interferon production by phosphorylation of interferon regulatory factor 3 via Toll-like receptor 4. <i>Cancer Science</i> , 2012, 103, 515-521.	3.9	9

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55	Cellular uptake of exogenous calcineurin B is dependent on TLR4/MD2/CD14 complexes, and CnB is an endogenous ligand of TLR4. <i>Scientific Reports</i> , 2016, 6, 24346.	3.3	9
56	A novel peptide exerts potent immunosuppression by blocking the two-site interaction of NFAT with calcineurin. <i>Journal of Biological Chemistry</i> , 2020, 295, 2760-2770.	3.4	9
57	The salt bridge of calcineurin is important for transferring the effect of CNB binding to CNA. <i>FEBS Letters</i> , 2004, 577, 294-298.	2.8	8
58	Calcineurin subunit B promotes TNF-alpha-induced apoptosis by binding to mitochondria and causing mitochondrial Ca ²⁺ overload. <i>Cancer Letters</i> , 2012, 321, 169-178.	7.2	8
59	Different roles of Loop 7 in inhibition of calcineurin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 263-268.	2.1	7
60	TRAF3 negatively regulates calcineurinâ€NFAT pathway by targeting calcineurin B subunit for degradation. <i>IUBMB Life</i> , 2012, 64, 748-756.	3.4	7
61	Calcineurin B stimulates cytokine production through a CD14â€independent Tollâ€like receptor 4 pathway. <i>Immunology and Cell Biology</i> , 2016, 94, 285-292.	2.3	7
62	Activities and properties of calcineurin catalytic domain. <i>Science Bulletin</i> , 2000, 45, 1394-1399.	1.7	6
63	The role of loop 7 in mediating calcineurin regulation. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 795-798.	2.1	6
64	Preparation and characterization of a single-chain calcineurinâ€calmodulin complex. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1747, 171-178.	2.3	6
65	Calcineurin subunit B is an immunostimulatory protein and acts as a vaccine adjuvant inducing protective cellular and humoral responses against pneumococcal infection. <i>Immunology Letters</i> , 2011, 140, 52-58.	2.5	6
66	Interaction of glycyrol with calcineurin A studied by spectroscopic methods and docking. <i>IUBMB Life</i> , 2011, 63, 14-20.	3.4	6
67	Quercetin targets the interaction of calcineurin with LxVP-type motifs in immunosuppression. <i>Biochimie</i> , 2016, 127, 50-58.	2.6	6
68	The immunostimulatory effects and proâ€apoptotic activity of rhCNB against Lewis lung cancer is mediated by Tollâ€like receptor 4. <i>Cancer Medicine</i> , 2019, 8, 4441-4453.	2.8	6
69	The polarity of the amino acid residue 118 of calcineurin B is closely linked to calcineurin enzyme activity. <i>IUBMB Life</i> , 2010, 62, 561-567.	3.4	5
70	A new function for the calcineurin b subunit: Antiplatelet aggregation and anticoagulation. <i>IUBMB Life</i> , 2011, 63, 1037-1044.	3.4	5
71	Modulation of calcineurin activity in mouse brain by chronic oral administration of cyclosporine A. <i>IUBMB Life</i> , 2013, 65, 445-453.	3.4	5
72	Relationship between LTP and the nuclear protein induced by calcineurin. <i>Science Bulletin</i> , 1998, 43, 1384-1387.	1.7	3

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73	The N-terminal domain influences the structure and property of protein phosphatase 1. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 241-246.	3.1	3
74	The effect of deleting residue C269 in the $\hat{I}^{212}\hat{\epsilon}^{213}$ loop of protein phosphatase 2A (PP2A) catalytic subunit on the interaction between PP2A and metal ions, especially Mn ²⁺ . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 1769-1774.	2.3	3
75	Calcineurin B subunit acts as a potential agent for preventing cardiac ischemia/reperfusion injury. <i>Molecular and Cellular Biochemistry</i> , 2012, 370, 163-171.	3.1	3
76	Effect of different immunosuppressive drugs on calcineurin and its mutants. <i>Science in China Series C: Life Sciences</i> , 2000, 43, 68-74.	1.3	2
77	A new approach for producing polyclonal antibodies using impure antigens. <i>Journal of Proteomics</i> , 2007, 70, 613-618.	2.4	2
78	E275 and F276 in $\hat{I}^{212}\hat{\epsilon}^{213}$ Loop of Protein Phosphatase-1 Resist Mn ²⁺ -Mediated Activation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 801-804.	1.3	2
79	The primary identification of a calcineurin A subunit-like protein in plants. <i>Biochimie</i> , 2009, 91, 646-649.	2.6	2
80	Tyr306 near the C-terminus of protein phosphatase-1 affects enzyme stability and inhibitor binding. <i>IUBMB Life</i> , 2011, 63, 574-581.	3.4	2
81	Identification of the critical structural determinants of the EF-hand domain arrangements in calcium binding proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 608-619.	2.3	2
82	Loop $\hat{I}^{231}\hat{\epsilon}^C$ plays an important role in the structure and function of isocitrate dehydrogenase kinase/phosphatase. <i>FEBS Letters</i> , 2016, 590, 3144-3154.	2.8	2
83	Combination of calcineurin B subunit (CnB) and 5-fluorouracil reverses 5-fluorouracil-induced immunosuppressive effect and enhances the antitumor activity in hepatocellular carcinoma. <i>Oncology Letters</i> , 2017, 14, 6135-6142.	1.8	2
84	Studies on the activation of isocitrate dehydrogenase kinase/phosphatase (AceK) by Mn ²⁺ and Mg ²⁺ . <i>BioMetals</i> , 2018, 31, 991-1002.	4.1	2
85	The genetically engineered drug rhCNB induces apoptosis via a mitochondrial route in tumor cells. <i>Oncotarget</i> , 2017, 8, 65876-65888.	1.8	2
86	The nonconserved N-terminus of protein phosphatases 1 influences its active site. <i>BMB Reports</i> , 2008, 41, 881-885.	2.4	2
87	The nonconserved N-terminus of protein phosphatase 2B confers its properties to protein phosphatase 1. <i>IUBMB Life</i> , 2009, 61, 178-183.	3.4	1
88	Identification of a targeting-delivery peptide based on rhCNB. <i>Journal of Peptide Science</i> , 2019, 25, e3159.	1.4	1
89	Regulations of Calcineurin B Subunit and Calmodulin on Calcineurin A Subunit with Tau and Its Truncation Mutant as Substrates: Regulations of CNB and CaM on CNA with Tau Substrate. , 2008, , .		0
90	Identification and characterization of the core region of protein phosphatase-1. <i>Biologia (Poland)</i> , 2012, 67, 263-268.	1.5	0

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91	Crystal structure of 3-iodo-5-methoxy-7-(methoxymethoxy)-4-(3-methoxyphenoxy)-2H-chromen-2-one, C ₁₉ H ₁₇ O ₇ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 755-757.	0.3	0
92	Quality-control method for the determination of biological activity of engineered calcineurin subunit B. Science China Life Sciences, 2016, 59, 584-588.	4.9	0