

Kui Shen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,748
citations

516710

16
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

3698
citing authors

#	ARTICLE	IF	CITATIONS
1	An Allosteric Mechanism for Activation of the Kinase Domain of Epidermal Growth Factor Receptor. <i>Cell</i> , 2006, 125, 1137-1149.	28.9	1,358
2	A Src-Like Inactive Conformation in the Abl Tyrosine Kinase Domain. <i>PLoS Biology</i> , 2006, 4, e144.	5.6	277
3	Acquisition of a Specific and Potent PTP1B Inhibitor from a Novel Combinatorial Library and Screening Procedure. <i>Journal of Biological Chemistry</i> , 2001, 276, 47311-47319.	3.4	173
4	Crystal Structure of PTP1B Complexed with a Potent and Selective Bidentate Inhibitor. <i>Journal of Biological Chemistry</i> , 2003, 278, 12406-12414.	3.4	127
5	The Role of C-terminal Tyrosine Phosphorylation in the Regulation of SHP-1 Explored via Expressed Protein Ligation. <i>Journal of Biological Chemistry</i> , 2003, 278, 4668-4674.	3.4	126
6	Cellular Effects of Small Molecule PTP1B Inhibitors on Insulin Signaling. <i>Biochemistry</i> , 2003, 42, 12792-12804.	2.5	107
7	Multiple Regions of MAP Kinase Phosphatase 3 Are Involved in Its Recognition and Activation by ERK2. <i>Journal of Biological Chemistry</i> , 2001, 276, 6506-6515.	3.4	106
8	Protein tyrosine kinases Src and Csk: a tail's tale. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 580-585.	6.1	84
9	Potent and Highly Selective Inhibitors of the Protein Tyrosine Phosphatase 1B. <i>Biochemistry</i> , 1999, 38, 3793-3803.	2.5	73
10	Probing the Molecular Basis for Potent and Selective Protein-tyrosine Phosphatase 1B Inhibition. <i>Journal of Biological Chemistry</i> , 2002, 277, 41014-41022.	3.4	64
11	Protein kinase structure and function analysis with chemical tools. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1754, 65-78.	2.3	54
12	PRL-1 Protein Promotes ERK1/2 and RhoA Protein Activation through a Non-canonical Interaction with the Src Homology 3 Domain of p115 Rho GTPase-activating Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 42316-42324.	3.4	39
13	A molecular mechanism for IL-4 suppression of loricrin transcription in epidermal keratinocytes: implication for atopic dermatitis pathogenesis. <i>Innate Immunity</i> , 2017, 23, 641-647.	2.4	32
14	Conversion of a Tyrosine Kinase Protein Substrate to a High Affinity Ligand by ATP Linkage. <i>Journal of the American Chemical Society</i> , 2003, 125, 16172-16173.	13.7	30
15	Chemical Approaches to Reversible Protein Phosphorylation. <i>Accounts of Chemical Research</i> , 2003, 36, 444-452.	15.6	26
16	Interleukin-4 Downregulation of Involucrin Expression in Human Epidermal Keratinocytes Involves Stat6 Sequestration of the Coactivator CREB-Binding Protein. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 374-381.	1.2	20
17	Synthesis and peptide incorporation of an unnatural amino acid containing activity-based probe for protein tyrosine phosphatases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3264-3267.	2.2	17
18	Differential expression of inflammation-related genes in IL-4 transgenic mice before and after the onset of atopic dermatitis skin lesions. <i>Molecular and Cellular Probes</i> , 2016, 30, 30-38.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Structure–Function Analysis of the Non-Muscle Myosin Light Chain Kinase (nmMLCK) Isoform by NMR Spectroscopy and Molecular Modeling: Influence of MYLK Variants. PLoS ONE, 2015, 10, e0130515.	2.5	11
20	Peptidomimetic Competitive Inhibitors of Protein Tyrosine Phosphatases. Current Pharmaceutical Design, 2010, 16, 3101-3117.	1.9	7
21	Analyzing protein tyrosine phosphatases by phosphotyrosine analog integration. Methods, 2007, 42, 234-242.	3.8	4
22	Chemical Approaches to Reversible Protein Phosphorylation. ChemInform, 2003, 34, no.	0.0	0
23	Diacerein Alone and in Combination with Infliximab Suppresses the Combined Proinflammatory Effects of IL-17A, IL-22, Oncostatin M, IL-1A, and TNF-alpha in Keratinocytes: A Potential Therapeutic Option in Psoriasis. Journal of Interferon and Cytokine Research, 2021, 41, 302-306.	1.2	0