Joseph Lin

List of Publications by Year
in descending order

34 papers	2,779 citations	279798 23 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	2925 citing authors

#	Article	IF	Citations
1	Signal transduction by the TCR for antigen. Current Opinion in Immunology, 2000, 12, 242-249.	5.5	456
2	Redox chemistry and chemical biology of H2S, hydropersulfides, and derived species: Implications of their possible biological activity and utility. Free Radical Biology and Medicine, 2014, 77, 82-94.	2.9	340
3	It's all Rel-ative: NF-Î°B and CD28 costimulation of T-cell activation. Trends in Immunology, 2002, 23, 413-420.	6.8	173
4	Biological hydropersulfides and related polysulfides â€“ a new concept and perspective in redox biology. FEBS Letters, 2018, 592, 2140-2152.	2.8	164
5	Identification of the Minimal Tyrosine Residues Required for Linker for Activation of T Cell Function. Journal of Biological Chemistry, 2001, 276, 29588-29595.	3.4	158
6	T cell receptor signalling. Journal of Cell Science, 2001, 114, 243-244.	2.0	144
7	Localization of LAT in Glycolipid-enriched Microdomains Is Required for T cell Activation. Journal of Biological Chemistry, 1999, 274, 28861-28864.	3.4	142
8	Structurally Distinct Phosphatases CD45 and CD148 Both Regulate B Cell and Macrophage Immunoreceptor Signaling. Immunity, 2008, 28, 183-196.	14.3	140
9	Lymphocytes with a complex: adapter proteins in antigen receptor signaling. Trends in Immunology, 2000, 21, 584-591.	7.5	115
10	Linker for Activation of T Cells, Î¶-Associated Protein-70, and Src Homology 2 Domain-Containing Leukocyte Protein-76 are Required for TCR-Induced Microtubule-Organizing Center Polarization. Journal of Immunology, 2003, 171, 860-866.	0.8	98
11	The chemical biology of protein hydropersulfides: Studies of a possible protective function of biological hydropersulfide generation. Free Radical Biology and Medicine, 2016, 97, 136-147.	2.9	94
12	T Cell Receptor-Independent Basal Signaling via Erk and Abl Kinases Suppresses RAG Gene Expression. PLoS Biology, 2003, 1, e53.	5.6	88
13	The tyrosine phosphatase CD148 is excluded from the immunologic synapse and down-regulates prolonged T cell signaling. Journal of Cell Biology, 2003, 162, 673-682.	5.2	83
14	The reaction of hydrogen sulfide with disulfides: formation of a stable trisulfide and implications for biological systems. British Journal of Pharmacology, 2019, 176, 671-683.	5.4	73
15	The chemical biology of hydropersulfides (RSSH): Chemical stability, reactivity and redox roles. Archives of Biochemistry and Biophysics, 2015, 588, 15-24.	3.0	65
16	Chemical Biology of Hydropersulfides and Related Species: Possible Roles in Cellular Protection and Redox Signaling. Antioxidants and Redox Signaling, 2017, 27, 622-633.	5.4	51
17	Synergistic Assembly of Linker for Activation of T Cells Signaling Protein Complexes in T Cell Plasma Membrane Domains. Journal of Biological Chemistry, 2003, 278, 20389-20394.	3.4	46
18	The Polarity Protein Par1b/EMK/MARK2 Regulates T Cell Receptor-Induced Microtubule-Organizing Center Polarization. Journal of Immunology, 2009, 183, 1215-1221.	0.8	43

#	Article	IF	Citations
19	Stathmin Regulates Microtubule Dynamics and Microtubule Organizing Center Polarization in Activated T Cells. Journal of Immunology, 2012, 188, 5421-5427.	0.8	40
20	KSR1 Modulates the Sensitivity of Mitogen-Activated Protein Kinase Pathway Activation in T Cells without Altering Fundamental System Outputs. Molecular and Cellular Biology, 2009, 29, 2082-2091.	2.3	37
21	The Uptake and Release of Polysulfur Cysteine Species by Cells: Physiological and Toxicological Implications. Chemical Research in Toxicology, 2019, 32, 447-455.	3.3	28
22	Cysteine Trisulfide Protects <i>E.Âcoli</i> from Electrophile-Induced Death through the Generation of Cysteine Hydropersulfide. Chemical Research in Toxicology, 2020, 33, 678-686.	3.3	27
23	The chemical biology of hydrogen sulfide and related hydropersulfides: interactions with biologically relevant metals and metalloproteins. Current Opinion in Chemical Biology, 2020, 55, 52-58.	6.1	25
24	The phosphatase CD148 promotes airway hyperresponsiveness through SRC family kinases. Journal of Clinical Investigation, 2013, 123, 2037-2048.	8.2	24
25	The Mitogen-Activated Protein Kinase Scaffold KSR1 Is Required for Recruitment of Extracellular Signal-Regulated Kinase to the Immunological Synapse. Molecular and Cellular Biology, 2009, 29, 1554-1564.	2.3	23
26	Regulated Expression of the Receptor-Like Tyrosine Phosphatase CD148 on Hemopoietic Cells. Journal of Immunology, 2004, 173, 2324-2330.	0.8	21
27	Getting Downstream without a Raft. Cell, 2005, 121, 815-816.	28.9	18
28	The reactions of hydropersulfides (RSSH) with myoglobin. Archives of Biochemistry and Biophysics, 2020, 687, 108391.	3.0	18
29	Predicting the Possible Physiological/Biological Utility of the Hydropersulfide Functional Group Based on Its Chemistry: Similarities Between Hydropersulfides and Selenols. Antioxidants and Redox Signaling, 2020, 33, 1295-1307.	5.4	16
30	Hydropersulfides (RSSH) and Nitric Oxide (NO) Signaling: Possible Effects on S-Nitrosothiols (RS-NO). Antioxidants, 2022, 11, 169.	5.1	11
31	T Cell Adaptive Immunity Proceeds through Environment-Induced Adaptation from the Exposure of Cryptic Genetic Variation. Frontiers in Genetics, 2012, 3, 5.	2.3	7
32	The reaction of hydropersulfides (RSSH) with S-nitrosothiols (RS-NO) and the biological/physiological implications. Free Radical Biology and Medicine, 2022, 188, 459-467.	2.9	5
33	Chronic exposure of the RAW246.7 macrophage cell line to H2O2 leads to increased catalase expression. Free Radical Biology and Medicine, 2018, 126, 67-72.	2.9	4
34	Deconstruction of plant biomass by a Cellulomonas strain isolated from an ultra-basic (lignin-stripping) spring. Archives of Microbiology, 2020, 202, 1077-1084.	2.2	2