Uwe Vinkemeier

List of Publications by Year
in descending order

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36	2,651	257101	414034
papers	citations	24 h-index	32 g-index

37	37	37	3007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure of a Tyrosine Phosphorylated STAT-1 Dimer Bound to DNA. Cell, 1998, 93, 827-839.	13.5	655
2	The Significance of Tetramerization in Promoter Recruitment by Stat5. Molecular and Cellular Biology, 1999, 19, 1910-1918.	1.1	195
3	Constitutive and IFN-Î³-induced nuclear import of STAT1 proceed through independent pathways. EMBO Journal, 2002, 21, 344-354.	3.5	164
4	Nucleocytoplasmic shuttling by nucleoporins Nup153 and Nup214 and CRM1-dependent nuclear export control the subcellular distribution of latent Stat1. Journal of Cell Biology, 2004, 165, 823-833.	2.3	149
5	Tyrosine phosphorylation regulates the partitioning of STAT1 between different dimer conformations. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9238-9243.	3.3	135
6	DNA binding controls inactivation and nuclear accumulation of the transcription factor Stat1. Genes and Development, 2003, 17, 1992-2005.	2.7	131
7	Getting the message across, STAT! Design principles of a molecular signaling circuit. Journal of Cell Biology, 2004, 167, 197-201.	2.3	108
8	Nucleocytoplasmic shuttling of STAT transcription factors. FEBS Journal, 2004, 271, 4606-4612.	0.2	101
9	Cell Type-Specific and Tyrosine Phosphorylation-Independent Nuclear Presence of STAT1 and STAT3. Experimental Cell Research, 2002, 272, 45-55.	1.2	81
10	STAT1-cooperative DNA binding distinguishes type 1 from type 2 interferon signaling. Nature Immunology, 2014, 15, 168-176.	7.0	75
11	A reinterpretation of the dimerization interface of the N-terminal Domains of STATs. Protein Science, 2003, 12, 361-365.	3.1	74
12	Molecular Basis for the Recognition of Phosphorylated STAT1 by Importin Î±5. Journal of Molecular Biology, 2010, 402, 83-100.	2.0	70
13	Dysferlinâ€deficient muscular dystrophy features amyloidosis. Annals of Neurology, 2008, 63, 323-328.	2.8	69
14	A Single Residue Modulates Tyrosine Dephosphorylation, Oligomerization, and Nuclear Accumulation of Stat Transcription Factors. Journal of Biological Chemistry, 2004, 279, 18998-19007.	1.6	68
15	Ratjadone and leptomycin B block CRM1-dependent nuclear export by identical mechanisms. FEBS Letters, 2004, 576, 27-30.	1.3	68
16	Activated STAT1 Transcription Factors Conduct Distinct Saltatory Movements in the Cell Nucleus. Biophysical Journal, 2011, 101, 2592-2600.	0.2	65
17	TLR2 Stimulation Regulates the Balance between Regulatory T Cell and Th17 Function: A Novel Mechanism of Reduced Regulatory T Cell Function in Multiple Sclerosis. Journal of Immunology, 2015, 194, 5761-5774.	0.4	65
18	SUMO conjugation of STAT1 protects cells from hyperresponsiveness to IFNÎ³. Blood, 2011, 118, 1002-1007.	0.6	64

#	Article	IF	Citations
19	STAT2 Is a Pervasive Cytokine Regulator due to Its Inhibition of STAT1 in Multiple Signaling Pathways. PLoS Biology, 2016, 14, e2000117.	2.6	55
20	Nuclear Export Determines the Cytokine Sensitivity of STAT Transcription Factors. Journal of Biological Chemistry, 2005, 280, 43087-43099.	1.6	48
21	Cytokine-induced Paracrystals Prolong the Activity of Signal Transducers and Activators of Transcription (STAT) and Provide a Model for the Regulation of Protein Solubility by Small Ubiquitin-like Modifier (SUMO). Journal of Biological Chemistry, 2011, 286, 18731-18746.	1.6	43
22	STAT1 Signaling Is Not Regulated by a Phosphorylation-Acetylation Switch. Molecular and Cellular Biology, 2011, 31, 3029-3037.	1.1	35
23	Arginine Methylation of STAT1. Cell, 2004, 119, 587-589.	13.5	25
24	STAT nuclear translocation: potential for pharmacological intervention. Expert Opinion on Therapeutic Targets, 2007, 11, 1355-1365.	1.5	25
25	Green fluorescent protein-tagging reduces the nucleocytoplasmic shuttling specifically of unphosphorylated STAT1. FEBS Journal, 2007, 274, 815-826.	2.2	24
26	STAT1:DNA sequence-dependent binding modulation by phosphorylation, protein:protein interactions and small-molecule inhibition. Nucleic Acids Research, 2013, 41, 754-763.	6.5	17
27	On the role of STAT1 and STAT6 ADP-ribosylation in the regulation of macrophage activation. Nature Communications, 2018, 9, 2144.	5.8	15
28	Evidence against a Role for Î²-Arrestin1 in STAT1 Dephosphorylation and the Inhibition of Interferon-Î³ Signaling. Molecular Cell, 2013, 50, 149-156.	4.5	10
29	Microinjected antibodies interfere with protein nucleocytoplasmic shuttling by distinct molecular mechanisms. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 1128-1140.	1.1	7
30	Paracrystals of STAT proteins and their dissolution by SUMO: How reduced transcription factor solubility increases cytokine signaling. Oncotarget, 2011, 2, 527-528.	0.8	5
31	Self-association of STAT Proteins from Monomers to Paracrystals. , 2012, , 47-63.		2
32	Assessing Sequence-Specific DNA Binding and Transcriptional Activity of STAT1 Transcription Factor. Methods in Molecular Biology, 2010, 647, 139-159.	0.4	2
33	Characterization of STAT Self-Association by Analytical Ultracentrifugation. Methods in Molecular Biology, 2013, 967, 203-224.	0.4	1
34	Novel mechanisms of STAT protein regulation. FEBS Journal, 2004, 271, 4605-4605.	0.2	0
35	JAK-STAT Pathway. , 2020, , 1-5.		0
36	JAK-STAT Pathway. , 2021, , 889-893.		0