

# Frederick W Quelle

## List of Publications by Year in descending order

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40  
papers

7,895  
citations

236925  
25  
h-index

289244  
40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of IL-4-induced Th2 response and IgE class switching in mice with disrupted State6 gene. <i>Nature</i> , 1996, 380, 630-633.	27.8	1,223
2	JAK2 associates with the erythropoietin receptor and is tyrosine phosphorylated and activated following stimulation with erythropoietin. <i>Cell</i> , 1993, 74, 227-236.	28.9	1,190
3	Association and activation of Jak-Tyk kinases by CNTF-LIF-OSM-IL-6 beta receptor components. <i>Science</i> , 1994, 263, 92-95.	12.6	967
4	Signaling by the cytokine receptor superfamily: JAKs and STATs. <i>Trends in Biochemical Sciences</i> , 1994, 19, 222-227.	7.5	637
5	Signaling Through the Hematopoietic Cytokine Receptors. <i>Annual Review of Immunology</i> , 1995, 13, 369-398.	21.8	589
6	Complementation by the protein tyrosine kinase JAK2 of a mutant cell line defective in the interferon- $\gamma$ signal transduction pathway. <i>Nature</i> , 1993, 366, 166-170.	27.8	532
7	Structure of the murine Jak2 protein-tyrosine kinase and its role in interleukin 3 signal transduction.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 8429-8433.	7.1	511
8	Cloning of Murine Stat6 and Human Stat6, Stat Proteins That Are Tyrosine Phosphorylated in Responses to IL-4 and IL-3 but Are Not Required for Mitogenesis. <i>Molecular and Cellular Biology</i> , 1995, 15, 3336-3343.	2.3	319
9	Nucleophosmin (B23) Targets ARF to Nucleoli and Inhibits Its Function. <i>Molecular and Cellular Biology</i> , 2005, 25, 1258-1271.	2.3	264
10	Erythropoietin Induces Activation of Stat5 through Association with Specific Tyrosines on the Receptor That Are Not Required for a Mitogenic Response. <i>Molecular and Cellular Biology</i> , 1996, 16, 1622-1631.	2.3	262
11	Distribution of the Mammalian Stat Gene Family in Mouse Chromosomes. <i>Genomics</i> , 1995, 29, 225-228.	2.9	177
12	Phosphorylation and Activation of the DNA Binding Activity of Purified Stat1 by the Janus Protein-tyrosine Kinases and the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 20775-20780.	3.4	146
13	Interleukin-9 Induces Tyrosine Phosphorylation of Insulin Receptor Substrate-1 via JAK Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 1995, 270, 20497-20502.	3.4	126
14	Jaks and stats in cytokine signaling. <i>Stem Cells</i> , 1997, 15, 105-112.	3.2	100
15	Cytokine rescue of p53-dependent apoptosis and cell cycle arrest is mediated by distinct Jak kinase signaling pathways. <i>Genes and Development</i> , 1998, 12, 1099-1107.	5.9	93
16	DNA damage-induced cell-cycle arrest of hematopoietic cells is overridden by activation of the PI-3 kinase/Akt signaling pathway. <i>Blood</i> , 2001, 98, 834-841.	1.4	91
17	Endothelial PPAR- $\gamma$ provides vascular protection from IL-1 $\beta$ -induced oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H39-H48.	3.2	61
18	Hypertension-causing Mutations in Cullin3 Protein Impair RhoA Protein Ubiquitination and Augment the Association with Substrate Adaptors. <i>Journal of Biological Chemistry</i> , 2015, 290, 19208-19217.	3.4	54

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19	Cullin-3 mutation causes arterial stiffness and hypertension through a vascular smooth muscle mechanism. JCI Insight, 2016, 1, e91015.	5.0	53
20	[3H]Dexamethasone Binding to Plasma Membrane-Enriched Fractions from Liver of Nonadrenalectomized Rats*. Endocrinology, 1988, 123, 1642-1651.	2.8	51
21	Signal transduction through the receptor for erythropoietin. Seminars in Immunology, 1993, 5, 375-389.	5.6	46
22	FOXO Transcription Factors Enforce Cell Cycle Checkpoints and Promote Survival of Hematopoietic Cells after DNA Damage. Molecular Cancer Research, 2009, 7, 1294-1303.	3.4	41
23	2 Cytokine receptors and signal transduction. Best Practice and Research: Clinical Haematology, 1994, 7, 17-48.	1.1	36
24	RABL6A Promotes G1→S Phase Progression and Pancreatic Neuroendocrine Tumor Cell Proliferation in an Rb1-Dependent Manner. Cancer Research, 2014, 74, 6661-6670.	0.9	32
25	RhoBTB1 protects against hypertension and arterial stiffness by restraining phosphodiesterase 5 activity. Journal of Clinical Investigation, 2019, 129, 2318-2332.	8.2	32
26	Hypertension-Causing Mutation in Peroxisome Proliferator-Activated Receptor $\beta$ Impairs Nuclear Export of Nuclear Factor- $\kappa$ B p65 in Vascular Smooth Muscle. Hypertension, 2017, 70, 174-182.	2.7	25
27	RABL6A inhibits tumor-suppressive PP2A/AKT signaling to drive pancreatic neuroendocrine tumor growth. Journal of Clinical Investigation, 2019, 129, 1641-1653.	8.2	25
28	Conditional deletion of smooth muscle Cullin-3 causes severe progressive hypertension. JCI Insight, 2019, 4, .	5.0	24
29	Retinol-binding protein 7 is an endothelium-specific PPAR $\beta$ cofactor mediating an antioxidant response through adiponectin. JCI Insight, 2017, 2, e91738.	5.0	24
30	DNA Damage-Induced G1 Arrest in Hematopoietic Cells Is Overridden following Phosphatidylinositol 3-Kinase-Dependent Activation of Cyclin-Dependent Kinase 2. Molecular and Cellular Biology, 2001, 21, 6113-6121.	2.3	23
31	Erythropoietin Receptors Associate with a Ubiquitin Ligase, p33RUL, and Require Its Activity for Erythropoietin-induced Proliferation. Journal of Biological Chemistry, 2003, 278, 26851-26861.	3.4	23
32	Nuclear interactor of ARF and Mdm2 regulates multiple pathways to activate p53. Cell Cycle, 2014, 13, 1288-1298.	2.6	23
33	Cytokine activation of phosphoinositide 3-kinase sensitizes hematopoietic cells to cisplatin-induced death. Cancer Research, 2003, 63, 1034-9.	0.9	22
34	Cytokine signaling to the cell cycle. Immunologic Research, 2007, 39, 173-184.	2.9	18
35	Cytokine-induced phosphoinositide 3-kinase activity promotes Cdk2 activation in factor-dependent hematopoietic cells. Experimental Cell Research, 2004, 299, 257-266.	2.6	15
36	Phosphoinositide 3-kinase signaling overrides a G <sub>2</sub> phase arrest checkpoint and promotes aberrant cell cycling and death of hematopoietic cells after DNA damage. Cell Cycle, 2008, 7, 2877-2885.	2.6	11

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37	PPAR $\beta$ . Circulation Research, 2013, 112, 411-414.	4.5	11
38	PPAR $\beta$ and retinol binding protein 7 form a regulatory hub promoting antioxidant properties of the endothelium. Physiological Genomics, 2017, 49, 653-658.	2.3	8
39	RhoBTB1 reverses established arterial stiffness in angiotensin IIâ€‘induced hypertension by promoting actin depolymerization. JCI Insight, 2022, 7, .	5.0	8
40	ARF sees Pdgfr $\beta$ through the miR. Cell Cycle, 2014, 13, 1520-1521.	2.6	2