

# Hans-Martin Jck

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123 papers	5,408 citations	37 h-index	71 g-index
133 ext. papers	7,148 ext. citations	8.3 avg, IF	5.64 L-index

#	Paper	IF	Citations
123	No evidence for increased cell entry or antibody evasion by Delta sublineage AY.4.2.. <i>Cellular and Molecular Immunology</i> , <b>2022</b> ,	15.4	2
122	Augmented Neutralization of SARS-CoV-2 Omicron Variant by Boost Vaccination and Monoclonal Antibodies.. <i>European Journal of Immunology</i> , <b>2022</b> ,	6.1	1
121	The Omicron variant is highly resistant against antibody-mediated neutralization: Implications for control of the COVID-19 pandemic.. <i>Cell</i> , <b>2021</b> ,	56.2	156
120	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2708-3145	6.1	12
119	Single cell resolution of Plasma Cell fate programming in health and disease. <i>European Journal of Immunology</i> , <b>2021</b> ,	6.1	3
118	Immunizations with diverse sarbecovirus receptor-binding domains elicit SARS-CoV-2 neutralizing antibodies against a conserved site of vulnerability. <i>Immunity</i> , <b>2021</b> ,	32.3	8
117	TFG is required for autophagy flux and to prevent endoplasmic reticulum stress in CH12 B lymphoma cells. <i>Autophagy</i> , <b>2021</b> , 17, 2238-2256	10.2	5
116	SARS-CoV-2 variants B.1.351 and P.1 escape from neutralizing antibodies. <i>Cell</i> , <b>2021</b> , 184, 2384-2393.e12	56.2	459
115	SARS-CoV-2 mutations acquired in mink reduce antibody-mediated neutralization. <i>Cell Reports</i> , <b>2021</b> , 35, 109017	10.6	42
114	SARS-CoV-2 variant B.1.617 is resistant to bamlanivimab and evades antibodies induced by infection and vaccination. <i>Cell Reports</i> , <b>2021</b> , 36, 109415	10.6	131
113	Network- and systems-based re-engineering of dendritic cells with non-coding RNAs for cancer immunotherapy. <i>Theranostics</i> , <b>2021</b> , 11, 1412-1428	12.1	4
112	A pair of noncompeting neutralizing human monoclonal antibodies protecting from disease in a SARS-CoV-2 infection model. <i>European Journal of Immunology</i> , <b>2021</b> ,	6.1	14
111	B.1.617.2 enters and fuses lung cells with increased efficiency and evades antibodies induced by infection and vaccination. <i>Cell Reports</i> , <b>2021</b> , 37, 109825	10.6	31
110	A surrogate cell-based SARS-CoV-2 spike blocking assay. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2665-2676	6.2	62
109	Increased risk of chronic fatigue and hair loss following COVID-19 in individuals with hypohidrotic ectodermal dysplasia. <i>Orphanet Journal of Rare Diseases</i> , <b>2021</b> , 16, 373	4.2	0
108	A Barcoded Flow Cytometric Assay to Explore the Antibody Responses Against SARS-CoV-2 Spike and Its Variants. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 730766	8.4	2
107	miR-148a controls metabolic programming and survival of mature CD19-negative plasma cells in mice. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 1089-1109	6.1	4

106	Endothelial dysfunction contributes to severe COVID-19 in combination with dysregulated lymphocyte responses and cytokine networks. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 418	21	9
105	IMU-838, a Developmental DHODH Inhibitor in Phase II for Autoimmune Disease, Shows Anti-SARS-CoV-2 and Broad-Spectrum Antiviral Efficacy In Vitro. <i>Viruses</i> , <b>2020</b> , 12,	6.2	23
104	YY1 control of mitochondrial-related genes does not account for regulation of immunoglobulin class switch recombination in mice. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 822-838	6.1	3
103	Unraveling the mysteries of plasma cells. <i>Advances in Immunology</i> , <b>2020</b> , 146, 57-107	5.6	5
102	Complement Activation in Kidneys of Patients With COVID-19. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 594848	8.4	27
101	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
100	The Impact of Hyperosmolality on Activation and Differentiation of B Lymphoid Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 828	8.4	7
99	A web platform for the network analysis of high-throughput data in melanoma and its use to investigate mechanisms of resistance to anti-PD1 immunotherapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 2315-2328	6.9	12
98	Eosinophils are not essential for maintenance of murine plasma cells in the bone marrow. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 822-828	6.1	27
97	miRNA meets plasma cells "How tiny RNAs control antibody responses". <i>Clinical Immunology</i> , <b>2018</b> , 186, 3-8	9	8
96	Transcription factor YY1 can control AID-mediated mutagenesis in mice. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 273-282	6.1	4
95	Regulation of Energy Metabolism during Early B Lymphocyte Development. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	13
94	A defined metabolic state in pre B cells governs B-cell development and is counterbalanced by Swiprosin-2/EFhd1. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1239-1252	12.7	27
93	A new staining protocol for detection of murine antibody-secreting plasma cell subsets by flow cytometry. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1389-1392	6.1	68
92	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1584-1797	6.1	359
91	Interleukin-36 receptor mediates the crosstalk between plasma cells and synovial fibroblasts. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 2101-2112	6.1	20
90	The role of the miR-148/-152 family in physiology and disease. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 2026-2038	6.1	51
89	YY1 controls EBER DNA loop formation and immunoglobulin heavy chain class switch recombination. <i>Blood Advances</i> , <b>2016</b> , 1, 15-20	7.8	9

88	Essential control of early B-cell development by Mef2 transcription factors. <i>Blood</i> , <b>2016</b> , 127, 572-81	2.2	43
87	Prolonged Ex vivo expansion and differentiation of naïve murine CD43(-) B splenocytes. <i>Biotechnology Progress</i> , <b>2016</b> , 32, 978-89	2.8	4
86	YY1 Is Required for Germinal Center B Cell Development. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155311	3.7	16
85	Dicer ablation in osteoblasts by Runx2 driven cre-loxP recombination affects bone integrity, but not glucocorticoid-induced suppression of bone formation. <i>Scientific Reports</i> , <b>2016</b> , 6, 32112	4.9	17
84	The microprocessor component, DGCR8, is essential for early B-cell development in mice. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 2710-2718	6.1	15
83	miR-148a is upregulated by Twist1 and T-bet and promotes Th1-cell survival by regulating the proapoptotic gene Bim. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 1192-205	6.1	34
82	miR-148a promotes plasma cell differentiation and targets the germinal center transcription factors Mitf and Bach2. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 1206-15	6.1	60
81	APOBEC3 enzymes restrict marginal zone B cells. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 695-704	6.1	8
80	KLF2--a negative regulator of pre-B cell clonal expansion and B cell activation. <i>PLoS ONE</i> , <b>2014</b> , 9, e97953	3.7	16
79	Towards the generation of B-cell receptor retrogenic mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e109199	3.7	8
78	Swi-prosin-1/EFhd2 limits germinal center responses and humoral type 2 immunity. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 3206-19	6.1	16
77	Contribution of microRNA 24-3p and Erk1/2 to interleukin-6-mediated plasma cell survival. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 3028-37	6.1	17
76	MicroRNAs and Biomarker Discovery <b>2013</b> , 379-392		
75	Monoclonal antibodies to discriminate the EF hand containing calcium binding adaptor proteins EFhd1 and EFhd2. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , <b>2013</b> , 32, 237-45	1.9	9
74	miR-9 enhances IL-2 production in activated human CD4(+) T cells by repressing Blimp-1. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 2100-8	6.1	37
73	LINE-1 retroelements complexed and inhibited by activation induced cytidine deaminase. <i>PLoS ONE</i> , <b>2012</b> , 7, e49358	3.7	15
72	T-cell receptor diversity prevents T-cell lymphoma development. <i>Leukemia</i> , <b>2012</b> , 26, 2499-507	10.7	32
71	YY1 controls immunoglobulin class switch recombination and nuclear activation-induced deaminase levels. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 1542-54	4.8	29

70	Lytic Epstein-Barr virus infection in epithelial cells but not in B-lymphocytes is dependent on Blimp1. <i>Journal of General Virology</i> , <b>2012</b> , 93, 1059-1064	4.9	17
69	HnRNP L and L-like cooperate in multiple-exon regulation of CD45 alternative splicing. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 5666-78	20.1	36
68	TRPC1 transcript variants, inefficient nonsense-mediated decay and low up-frameshift-1 in vascular smooth muscle cells. <i>BMC Molecular Biology</i> , <b>2011</b> , 12, 30	4.5	5
67	Proteome profiling suggests a pro-inflammatory role for plasma cells through release of high-mobility group box 1 protein. <i>Proteomics</i> , <b>2011</b> , 11, 1228-37	4.8	6
66	A facile method to increase titers of miRNA-encoding retroviruses by inhibition of the RNaseIII enzyme Drosha. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 549-51	6.1	11
65	microRNAs in rheumatoid arthritis: midget RNAs with a giant impact. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70 Suppl 1, i92-6	2.4	55
64	B cell homeostasis and plasma cell homing controlled by Krüppel-like factor 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 710-5	11.5	76
63	Pro-B cells sense productive immunoglobulin heavy chain rearrangement irrespective of polypeptide production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10644-9	11.5	21
62	Two forms of activation-induced cytidine deaminase differing in their ability to bind agarose. <i>PLoS ONE</i> , <b>2010</b> , 5, e8883	3.7	5
61	New surprises from the deep--the family of small regulatory RNAs increases. <i>Scientific World Journal, The</i> , <b>2010</b> , 10, 1239-43	2.2	14
60	BCL6 is critical for the development of a diverse primary B cell repertoire. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1209-21	16.6	89
59	The early marginal zone B cell-initiated T-independent type 2 response resists the proteasome inhibitor bortezomib. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5637-47	5.3	14
58	The pre-B cell receptor: turning autoreactivity into self-defense. <i>Trends in Immunology</i> , <b>2010</b> , 31, 176-83	14.4	23
57	Swiprosin-1/EFhd2 controls B cell receptor signaling through the assembly of the B cell receptor, Syk, and phospholipase C gamma2 in membrane rafts. <i>Journal of Immunology</i> , <b>2010</b> , 184, 3665-76	5.3	43
56	PcG recruitment by the YY1 REPO domain can be mediated by Yaf2. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 109, 478-86	4.7	32
55	Serum microRNAs as powerful cancer biomarkers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2010</b> , 1806, 200-7	11.2	132
54	CtBP levels control intergenic transcripts, PHO/YY1 DNA binding, and PcG recruitment to DNA. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 110, 62-9	4.7	9
53	Adjusting transgene expression levels in lymphocytes with a set of inducible promoters. <i>Journal of Gene Medicine</i> , <b>2010</b> , 12, 501-15	3.5	24

52	Equal transcription rates of productively and nonproductively rearranged immunoglobulin mu heavy chain alleles in a pro-B cell line. <i>Rna</i> , <b>2009</b> , 15, 1021-8	5.8	16
51	Pre-B cell receptor-mediated cell cycle arrest in Philadelphia chromosome-positive acute lymphoblastic leukemia requires IKAROS function. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1739-53	16.6	108
50	Early onset of autoimmune disease by the retroviral integrase inhibitor raltegravir. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 20865-70	11.5	37
49	Transcriptome analysis in primary B lymphoid precursors following induction of the pre-B cell receptor. <i>Molecular Immunology</i> , <b>2008</b> , 45, 362-75	4.3	27
48	A unique role for the lambda5 nonimmunoglobulin tail in early B lymphocyte development. <i>Journal of Immunology</i> , <b>2008</b> , 181, 3232-42	5.3	26
47	Chapter 13. Identifying substrates of mRNA decay factors by a combined RNA interference and DNA microarray approach. <i>Methods in Enzymology</i> , <b>2008</b> , 449, 263-94	1.7	
46	Expression of BLIMP1/PRMT5 and concurrent histone H2A/H4 arginine 3 dimethylation in fetal germ cells, CIS/IGCNU and germ cell tumors. <i>BMC Developmental Biology</i> , <b>2008</b> , 8, 106	3.1	87
45	The pre-B cell receptor and its ligands It takes two to tango. <i>Signal Transduction</i> , <b>2007</b> , 7, 299-310		1
44	After shrinkage apoptotic cells expose internal membrane-derived epitopes on their plasma membranes. <i>Cell Death and Differentiation</i> , <b>2007</b> , 14, 733-42	12.7	71
43	Human INT6/eIF3e is required for nonsense-mediated mRNA decay. <i>EMBO Reports</i> , <b>2007</b> , 8, 596-602	6.5	48
42	Ig heavy chain promotes mature B cell survival in the absence of light chain. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1659-68	5.3	10
41	Extensive immunoglobulin production sensitizes myeloma cells for proteasome inhibition. <i>Cancer Research</i> , <b>2007</b> , 67, 1783-92	10.1	321
40	Genomic suppression of murine B29/Ig-beta promoter-driven transgenes. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 3324-33	6.1	2
39	A gene regulation system with four distinct expression levels. <i>Journal of Gene Medicine</i> , <b>2006</b> , 8, 1037-47	3.5	31
38	Polycomb recruitment to DNA in vivo by the YY1 REPO domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 19296-301	11.5	139
37	hUPF2 silencing identifies physiologic substrates of mammalian nonsense-mediated mRNA decay. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 1272-87	4.8	187
36	Stages of germinal center transit are defined by B cell transcription factor coexpression and relative abundance. <i>Journal of Immunology</i> , <b>2006</b> , 177, 6930-9	5.3	110
35	VH replacement rescues progenitor B cells with two nonproductive VDJ alleles. <i>Journal of Immunology</i> , <b>2006</b> , 177, 7007-14	5.3	23

34	Powered by pairing: the surrogate light chain amplifies immunoglobulin heavy chain signaling and pre-selects the antibody repertoire. <i>Seminars in Immunology</i> , <b>2006</b> , 18, 44-55	10.7	41
33	Double staining of proteins after separation in SDS gels with Ruthenium Bathophenanthroline Disulfonate and Silver is compatible with MALDI-TOF mass spectrometry. <i>Signal Transduction</i> , <b>2006</b> , 6, 185-189		1
32	Evidence of abortive plasma cell differentiation in Hodgkin and Reed-Sternberg cells of classical Hodgkin lymphoma. <i>Hematological Oncology</i> , <b>2005</b> , 23, 127-32	1.3	48
31	Lipid rafts associate with intracellular B cell receptors and exhibit a B cell stage-specific protein composition. <i>Journal of Immunology</i> , <b>2005</b> , 174, 3508-17	5.3	64
30	CD44 is dispensable for B lymphopoiesis. <i>Immunology Letters</i> , <b>2004</b> , 95, 71-5	4.1	4
29	Three-dimensional modeling of a pre-B-cell receptor. <i>Molecular Immunology</i> , <b>2004</b> , 40, 1263-72	4.3	17
28	Selection of Ig mu heavy chains by complementarity-determining region 3 length and amino acid composition. <i>Journal of Immunology</i> , <b>2003</b> , 171, 4663-71	5.3	25
27	Immunoglobulin mu heavy chains do not mediate tyrosine phosphorylation of Ig alpha from the ER-cis-Golgi. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3091-101	5.3	24
26	Notch1 enhances B-cell receptor-induced apoptosis in mature activated B cells without affecting cell cycle progression and surface IgM expression. <i>Cell Death and Differentiation</i> , <b>2003</b> , 10, 833-44	12.7	22
25	Cutting edge: signaling and cell surface expression of a mu H chain in the absence of lambda 5: a paradigm revisited. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3343-7	5.3	59
24	Interaction of murine precursor B cell receptor with stroma cells is controlled by the unique tail of lambda 5 and stroma cell-associated heparan sulfate. <i>Journal of Immunology</i> , <b>2003</b> , 171, 2338-48	5.3	94
23	A colloidal silver staining--destaining method for precise assignment of immunoreactive spots in two-dimensional protein patterns. <i>Analytical Biochemistry</i> , <b>2002</b> , 308, 381-7	3.1	20
22	Identification of delta helicase as the bovine homolog of HUPF1: demonstration of an interaction with the third subunit of DNA polymerase delta. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, 2232-43	20.1	23
21	Surrogate light chain-mediated interaction of a soluble pre-B cell receptor with adherent cell lines. <i>Journal of Immunology</i> , <b>2001</b> , 167, 6403-11	5.3	55
20	A B220(-), CD19(-) population of B cells in the peripheral blood of quasimonoclonal mice. <i>International Immunology</i> , <b>2000</b> , 12, 29-35	4.9	15
19	Cycloheximide, a new tool to dissect specific steps in ER-associated degradation of different substrates. <i>Biological Chemistry</i> , <b>1999</b> , 380, 669-77	4.5	8
18	Identification of YY1 sequences necessary for association with the nuclear matrix and for transcriptional repression functions. <i>Journal of Cellular Biochemistry</i> , <b>1998</b> , 68, 484-499	4.7	53
17	Characterization of myocyte enhancer factor 2 (MEF2) expression in B and T cells: MEF2C is a B cell-restricted transcription factor in lymphocytes. <i>Molecular Immunology</i> , <b>1998</b> , 35, 445-58	4.3	62



16	Construction and expression of a soluble form of human CD30 ligand with functional activity. <i>Journal of Leukocyte Biology</i> , <b>1998</b> , 63, 752-7	6.5	9
15	Interleukin-12 activates interferon-gamma production by targeted activation of CD30+ T cells. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 795, 127-36	6.5	1
14	Ig mu heavy chains with VH81X variable regions do not associate with lambda 5. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 764, 39-42	6.5	16
13	Roles of heavy and light chains in IgM polymerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 4912-6	11.5	19
12	A different sort of Mott cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 11688-91	11.5	16
11	Immunoglobulin lambda gene rearrangement can precede kappa gene rearrangement. <i>Autoimmunity</i> , <b>1990</b> , 1, 53-7		20
10	Circular DNA is a product of the immunoglobulin class switch rearrangement. <i>Nature</i> , <b>1990</b> , 345, 452-6	50.4	187
9	Translation affects immunoglobulin mRNA stability. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 843-7	6.1	50
8	Measurements of mutation rates in B lymphocytes. <i>Immunological Reviews</i> , <b>1987</b> , 96, 91-107	11.3	42
7	Characterization of solubilized insulin receptors from rat liver microsomes. Existence of two receptor species with different binding properties. <i>FEBS Journal</i> , <b>1986</b> , 154, 281-7		23
6	SARS-CoV-2 Omicron: evasion of potent humoral responses and resistance to clinical immunotherapeutics relative to viral variants of concern		24
5	A pair of non-competing neutralizing human monoclonal antibodies protecting from disease in a SARS-CoV-2 infection model		3
4	SARS-CoV-2 variant B.1.617 is resistant to Bamlanivimab and evades antibodies induced by infection and vaccination		48
3	Increased lung cell entry of B.1.617.2 and evasion of antibodies induced by infection and BNT162b2 vaccination		7
2	SARS-CoV-2 variants B.1.351 and B.1.1.248: Escape from therapeutic antibodies and antibodies induced by infection and vaccination		39
1	SARS-CoV-2 mutations acquired in mink reduce antibody-mediated neutralization		3