John Trowsdale

List of Publications by Year
in descending order

64 papers	8,396 citations	94269 37 h-index	114278 63 g-index
68 all docs	68 docs citations	68 times ranked	11257 citing authors

#	Article	IF	Citations
1	Epistatic interaction between KIR3DS1 and HLA-B delays the progression to AIDS. Nature Genetics, 2002, 31, 429-434.	9.4	1,090
2	Combinations of Maternal KIR and Fetal HLA-C Genes Influence the Risk of Preeclampsia and Reproductive Success. Journal of Experimental Medicine, 2004, 200, 957-965.	4.2	980
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
4	Major Histocompatibility Complex Genomics and Human Disease. Annual Review of Genomics and Human Genetics, 2013, 14, 301-323.	2.5	580
5	Mother's little helpers: mechanisms of maternal-fetal tolerance. Nature Immunology, 2006, 7, 241-246.	7.0	513
6	A Critical Role for Tapasin in the Assembly and Function of Multimeric MHC Class I-TAP Complexes. Science, 1997, 277, 1306-1309.	6.0	477
7	NK cell responses to cytomegalovirus infection lead to stable imprints in the human KIR repertoire and involve activating KIRs. Blood, 2013, 121, 2678-2688.	0.6	455
8	The genomic context of natural killer receptor extended gene families. Immunological Reviews, 2001, 181, 20-38.	2.8	287
9	Copy number variation leads to considerable diversity for B but not A haplotypes of the human KIR genes encoding NK cell receptors. Genome Research, 2012, 22, 1845-1854.	2.4	173
10	The MHC, disease and selection. Immunology Letters, 2011, 137, 1-8.	1.1	169
11	THEHUMANMAJORHISTOCOMPATIBILITYCOMPLEX: Lessons from the DNA Sequence. Annual Review of Genomics and Human Genetics, 2000, 1, 117-137.	2.5	159
12	Defining KIR and HLA Class I Genotypes at Highest Resolution via High-Throughput Sequencing. American Journal of Human Genetics, 2016, 99, 375-391.	2.6	156
13	Mini-review: Defense strategies and immunity-related genes. European Journal of Immunology, 2004, 34, 7-17.	1.6	153
14	Placental expression of DC-SIGN may mediate intrauterine vertical transmission of HIV. Journal of Pathology, 2001, 195, 586-592.	2.1	135
15	A KIR B centromeric region present in Africans but not Europeans protects pregnant women from pre-eclampsia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 845-850.	3.3	134
16	Activation of Human Î³Î´ T Cells by Cytosolic Interactions of BTN3A1 with Soluble Phosphoantigens and the Cytoskeletal Adaptor Periplakin. Journal of Immunology, 2015, 194, 2390-2398.	0.4	130
17	Regulation of Immunity by Butyrophilins. Annual Review of Immunology, 2016, 34, 151-172.	9.5	129
18	Tapasin-related protein TAPBPR is an additional component of the MHC class I presentation pathway. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3465-3470.	3.3	107

#	Article	IF	Citations
19	Isotypic variation of novel immunoglobulin-like transcript/killer cell inhibitory receptor loci in the leukocyte receptor complex. European Journal of Immunology, 1998, 28, 3959-3967.	1.6	101
20	Very frequent loss of heterozygosity throughout chromosome 17 in sporadic ovarian carcinoma. International Journal of Cancer, 1993, 54, 220-225.	2.3	88
21	TAPBPR alters MHC class I peptide presentation by functioning as a peptide exchange catalyst. ELife, 2015, 4, .	2.8	87
22	Modulation of the Major Histocompatibility Complex Class IIâ€“Associated Peptide Repertoire by Human Histocompatibility Leukocyte Antigen (Hla)-Do. Journal of Experimental Medicine, 2000, 191, 1127-1136.	4.2	85
23	Genetics of antigen processing and presentation. Immunogenetics, 2019, 71, 161-170.	1.2	85
24	Influence of KIR gene copy number on natural killer cell education. Blood, 2013, 121, 4703-4707.	0.6	78
25	Arrangement of theILT gene cluster: a common null allele of theILT6 gene results from a 6.7-kbp deletion. European Journal of Immunology, 2000, 30, 3655-3662.	1.6	76
26	The inhibitory receptor LILRB1 modulates the differentiation and regulatory potential of human dendritic cells. Blood, 2008, 111, 3090-3096.	0.6	76
27	Imputation of KIR Types from SNP Variation Data. American Journal of Human Genetics, 2015, 97, 593-607.	2.6	73
28	Genomic analysis of theTapasin gene, located close to theTAP loci in the MHC. European Journal of Immunology, 1998, 28, 459-467.	1.6	71
29	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. ELife, 2017, 6, .	2.8	67
30	ER60/ERp57 forms disulfideâ€bonded intermediates with MHC class I heavy chain. FASEB Journal, 2001, 15, 1448-1450.	0.2	66
31	Sequence organisation of the class II region of the human MHC. Immunological Reviews, 1999, 167, 201-210.	2.8	61
32	Cloning of a new lectin-like receptor expressed on human NK cells. Immunogenetics, 1999, 50, 1-7.	1.2	61
33	A humanTAPBP (TAPASIN)-related gene,TAPBP-R. European Journal of Immunology, 2002, 32, 1059-1068.	1.6	51
34	MHC class II-associated invariant chain peptide replacement by T cell epitopes: engineered invariant chain as a vehicle for directed and enhanced MHC class II antigen processing and presentation. European Journal of Immunology, 1998, 28, 1524-1533.	1.6	45
35	Modulation of Human Leukocyte Antigen-C by Human Cytomegalovirus Stimulates KIR2DS1 Recognition by Natural Killer Cells. Frontiers in Immunology, 2017, 8, 298.	2.2	45
36	Inhibitory killer cell immunoglobulin-like receptors strengthen CD8 ⁺ T cellâ€“mediated control of HIV-1, HCV, and HTLV-1. Science Immunology, 2018, 3, .	5.6	43

#	Article	IF	Citations
37	T Cells Infiltrating Diseased Liver Express Ligands for the NKG2D Stress Surveillance System. Journal of Immunology, 2017, 198, 1172-1182.	0.4	41
38	The human Ly-49L gene. Immunogenetics, 1999, 49, 731-734.	1.2	39
39	Killer-cell Immunoglobulin-like Receptor gene linkage and copy number variation analysis by droplet digital PCR. Genome Medicine, 2014, 6, 20.	3.6	37
40	High-Resolution Genetic and Phenotypic Analysis of KIR2DL1 Alleles and Their Association with Pre-Eclampsia. Journal of Immunology, 2018, 201, 2593-2601.	0.4	33
41	Surveillance of cell and tissue perturbation by receptors in the <scp>LRC</scp>. Immunological Reviews, 2015, 267, 117-136.	2.8	30
42	TARM1 Is a Novel Leukocyte Receptor Complexâ€“Encoded ITAM Receptor That Costimulates Proinflammatory Cytokine Secretion by Macrophages and Neutrophils. Journal of Immunology, 2015, 195, 3149-3159.	0.4	29
43	Splice variation in the cytoplasmic domains of myelin oligodendrocyte glycoprotein affects its cellular localisation and transport1. Journal of Neurochemistry, 2007, 102, 1853-1862.	2.1	28
44	LILRB3 (ILT5) is a myeloid cell checkpoint that elicits profound immunomodulation. JCI Insight, 2020, 5, .	2.3	26
45	Estimating KIR Haplotype Frequencies on a Cohort of 10,000 Individuals: A Comprehensive Study on Population Variations, Typing Resolutions, and Reference Haplotypes. PLoS ONE, 2016, 11, e0163973.	1.1	26
46	Copy number and nucleotide variation of the LILR family of myelomonocytic cell activating and inhibitory receptors. Immunogenetics, 2014, 66, 73-83.	1.2	25
47	Investigation of CD26, a potential SARS-CoV-2 receptor, as a biomarker of age and pathology. Bioscience Reports, 2020, 40, .	1.1	25
48	DAP12 and KAP10 (DAP10)-Novel Transmembrane Adapter Proteins of the CD3Î¶ Family. Immunologic Research, 2000, 22, 21-42.	1.3	24
49	Allele-specific recognition by LILRB3 and LILRA6 of a cytokeratin 8 - associated ligand on necrotic glandular epithelial cells. Oncotarget, 2016, 7, 15618-15631.	0.8	22
50	Introduction: MHC/KIR and governance of specificity. Immunogenetics, 2017, 69, 481-488.	1.2	18
51	Regulation of Human Î³Î´ T Cells by BTN3A1 Protein Stability and ATP-Binding Cassette Transporters. Frontiers in Immunology, 2018, 9, 662.	2.2	18
52	KIR Variation in Iranians Combines High Haplotype and Allotype Diversity With an Abundance of Functional Inhibitory Receptors. Frontiers in Immunology, 2020, 11, 556.	2.2	18
53	Interaction of the LILRB1 inhibitory receptor with HLA class Ia dimers. European Journal of Immunology, 2016, 46, 1681-1690.	1.6	17
54	Heat shock proteins, HLA-DR and rheumatoid arthritis. Nature Medicine, 1998, 4, 1210-1210.	15.2	15

#	Article	IF	Citations
55	Detection of polymorphism in the RING3 gene by high-throughput fluorescent SSCP analysis. Immunogenetics, 1999, 49, 256-265.	1.2	8
56	Novel KIR genotypes and gene copy number variations in northeastern Thais. Immunology, 2018, 153, 380-386.	2.0	7
57	KIR in Allogeneic Hematopoietic Stem Cell Transplantation: Need for a Unified Paradigm for Donor Selection. Frontiers in Immunology, 2022, 13, 821533.	2.2	7
58	Diversity of KIR genes and their HLA-C ligands in Ugandan populations with historically varied malaria transmission intensity. Malaria Journal, 2021, 20, 111.	0.8	5
59	Sialic acidâ€binding immunoglobulinâ€like lectin (Siglec)â€15 is a rapidly internalised cellâ€surface antigen expressed by acute myeloid leukaemia cells. British Journal of Haematology, 2021, 193, 946-950.	1.2	5
60	The mouse Dap10 gene. Immunogenetics, 2001, 53, 347-350.	1.2	3
61	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. , 1998, 28, 459.		2
62	KIR copy number variations in dengue-infected patients from northeastern Thailand. Human Immunology, 2022, 83, 328-334.	1.2	2
63	Development and Use of IgM/Jâ€Chain Fusion Proteins for Characterization of Immunoglobulin Superfamily Ligandâ€Receptor Interactions. Current Protocols in Protein Science, 2014, 75, 19.24.1-19.24.11.	2.8	1
64	Host response: Sensing microbial sabotage. Nature Microbiology, 2016, 1, 16071.	5.9	0