

# John Trowsdale

## List of Publications by Year in descending order

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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	KIR copy number variations in dengue-infected patients from northeastern Thailand. <i>Human Immunology</i> , 2022, 83, 328-334.	1.2	2
2	KIR in Allogeneic Hematopoietic Stem Cell Transplantation: Need for a Unified Paradigm for Donor Selection. <i>Frontiers in Immunology</i> , 2022, 13, 821533.	2.2	7
3	Diversity of KIR genes and their HLA-C ligands in Ugandan populations with historically varied malaria transmission intensity. <i>Malaria Journal</i> , 2021, 20, 111.	0.8	5
4	Sialic acid-binding immunoglobulin-like lectin (Siglec) 15 is a rapidly internalised cell surface antigen expressed by acute myeloid leukaemia cells. <i>British Journal of Haematology</i> , 2021, 193, 946-950.	1.2	5
5	KIR Variation in Iranians Combines High Haplotype and Allotype Diversity With an Abundance of Functional Inhibitory Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 556.	2.2	18
6	Investigation of CD26, a potential SARS-CoV-2 receptor, as a biomarker of age and pathology. <i>Bioscience Reports</i> , 2020, 40, .	1.1	25
7	LILRB3 (ILT5) is a myeloid cell checkpoint that elicits profound immunomodulation. <i>JCI Insight</i> , 2020, 5, .	2.3	26
8	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
9	Genetics of antigen processing and presentation. <i>Immunogenetics</i> , 2019, 71, 161-170.	1.2	85
10	Novel KIR genotypes and gene copy number variations in northeastern Thais. <i>Immunology</i> , 2018, 153, 380-386.	2.0	7
11	Inhibitory killer cell immunoglobulin-like receptors strengthen CD8 T cell-mediated control of HIV-1, HCV, and HTLV-1. <i>Science Immunology</i> , 2018, 3, .	5.6	43
12	High-Resolution Genetic and Phenotypic Analysis of KIR2DL1 Alleles and Their Association with Pre-Eclampsia. <i>Journal of Immunology</i> , 2018, 201, 2593-2601.	0.4	33
13	Regulation of Human T <sup>3</sup> T Cells by BTN3A1 Protein Stability and ATP-Binding Cassette Transporters. <i>Frontiers in Immunology</i> , 2018, 9, 662.	2.2	18
14	T Cells Infiltrating Diseased Liver Express Ligands for the NKG2D Stress Surveillance System. <i>Journal of Immunology</i> , 2017, 198, 1172-1182.	0.4	41
15	Introduction: MHC/KIR and governance of specificity. <i>Immunogenetics</i> , 2017, 69, 481-488.	1.2	18
16	Modulation of Human Leukocyte Antigen-C by Human Cytomegalovirus Stimulates KIR2DS1 Recognition by Natural Killer Cells. <i>Frontiers in Immunology</i> , 2017, 8, 298.	2.2	45
17	Control of immune ligands by members of a cytomegalovirus gene expansion suppresses natural killer cell activation. <i>ELife</i> , 2017, 6, .	2.8	67
18	Defining KIR and HLA Class I Genotypes at Highest Resolution via High-Throughput Sequencing. <i>American Journal of Human Genetics</i> , 2016, 99, 375-391.	2.6	156

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19	Host response: Sensing microbial sabotage. <i>Nature Microbiology</i> , 2016, 1, 16071.	5.9	0
20	Interaction of the LILRB1 inhibitory receptor with HLA class Ia dimers. <i>European Journal of Immunology</i> , 2016, 46, 1681-1690.	1.6	17
21	Regulation of Immunity by Butyrophilins. <i>Annual Review of Immunology</i> , 2016, 34, 151-172.	9.5	129
22	Estimating KIR Haplotype Frequencies on a Cohort of 10,000 Individuals: A Comprehensive Study on Population Variations, Typing Resolutions, and Reference Haplotypes. <i>PLoS ONE</i> , 2016, 11, e0163973.	1.1	26
23	Allele-specific recognition by LILRB3 and LILRA6 of a cytokeratin 8 - associated ligand on necrotic glandular epithelial cells. <i>Oncotarget</i> , 2016, 7, 15618-15631.	0.8	22
24	TAPBPR alters MHC class I peptide presentation by functioning as a peptide exchange catalyst. <i>ELife</i> , 2015, 4, .	2.8	87
25	A <i>KIR B</i> centromeric region present in Africans but not Europeans protects pregnant women from pre-eclampsia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 845-850.	3.3	134
26	Activation of Human $\gamma\delta$ T Cells by Cytosolic Interactions of BTN3A1 with Soluble Phosphoantigens and the Cytoskeletal Adaptor Periplakin. <i>Journal of Immunology</i> , 2015, 194, 2390-2398.	0.4	130
27	Imputation of KIR Types from SNP Variation Data. <i>American Journal of Human Genetics</i> , 2015, 97, 593-607.	2.6	73
28	Surveillance of cell and tissue perturbation by receptors in the <i>LRC</i> . <i>Immunological Reviews</i> , 2015, 267, 117-136.	2.8	30
29	TARM1 Is a Novel Leukocyte Receptor Complexâ€‘Encoded ITAM Receptor That Costimulates Proinflammatory Cytokine Secretion by Macrophages and Neutrophils. <i>Journal of Immunology</i> , 2015, 195, 3149-3159.	0.4	29
30	Killer-cell Immunoglobulin-like Receptor gene linkage and copy number variation analysis by droplet digital PCR. <i>Genome Medicine</i> , 2014, 6, 20.	3.6	37
31	Copy number and nucleotide variation of the LILR family of myelomonocytic cell activating and inhibitory receptors. <i>Immunogenetics</i> , 2014, 66, 73-83.	1.2	25
32	Development and Use of IgM/ $\lambda$ Chain Fusion Proteins for Characterization of Immunoglobulin Superfamily Ligandâ€‘Receptor Interactions. <i>Current Protocols in Protein Science</i> , 2014, 75, 19.24.1-19.24.11.	2.8	1
33	Major Histocompatibility Complex Genomics and Human Disease. <i>Annual Review of Genomics and Human Genetics</i> , 2013, 14, 301-323.	2.5	580
34	Tapasin-related protein TAPBPR is an additional component of the MHC class I presentation pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3465-3470.	3.3	107
35	NK cell responses to cytomegalovirus infection lead to stable imprints in the human KIR repertoire and involve activating KIRs. <i>Blood</i> , 2013, 121, 2678-2688.	0.6	455
36	Influence of KIR gene copy number on natural killer cell education. <i>Blood</i> , 2013, 121, 4703-4707.	0.6	78

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37	Copy number variation leads to considerable diversity for B but not A haplotypes of the human KIR genes encoding NK cell receptors. <i>Genome Research</i> , 2012, 22, 1845-1854.	2.4	173
38	The MHC, disease and selection. <i>Immunology Letters</i> , 2011, 137, 1-8.	1.1	169
39	The inhibitory receptor LILRB1 modulates the differentiation and regulatory potential of human dendritic cells. <i>Blood</i> , 2008, 111, 3090-3096.	0.6	76
40	Splice variation in the cytoplasmic domains of myelin oligodendrocyte glycoprotein affects its cellular localisation and transport1. <i>Journal of Neurochemistry</i> , 2007, 102, 1853-1862.	2.1	28
41	Mother's little helpers: mechanisms of maternal-fetal tolerance. <i>Nature Immunology</i> , 2006, 7, 241-246.	7.0	513
42	Combinations of Maternal KIR and Fetal HLA-C Genes Influence the Risk of Preeclampsia and Reproductive Success. <i>Journal of Experimental Medicine</i> , 2004, 200, 957-965.	4.2	980
43	Mini-review: Defense strategies and immunity-related genes. <i>European Journal of Immunology</i> , 2004, 34, 7-17.	1.6	153
44	A humanTAPBP (TAPASIN)-related gene,TAPBP-R. <i>European Journal of Immunology</i> , 2002, 32, 1059-1068.	1.6	51
45	Epistatic interaction between KIR3DS1 and HLA-B delays the progression to AIDS. <i>Nature Genetics</i> , 2002, 31, 429-434.	9.4	1,090
46	The mouse Dap10 gene. <i>Immunogenetics</i> , 2001, 53, 347-350.	1.2	3
47	The genomic context of natural killer receptor extended gene families. <i>Immunological Reviews</i> , 2001, 181, 20-38.	2.8	287
48	Placental expression of DC-SIGN may mediate intrauterine vertical transmission of HIV. <i>Journal of Pathology</i> , 2001, 195, 586-592.	2.1	135
49	ER60/ERp57 forms disulfide-bonded intermediates with MHC class I heavy chain. <i>FASEB Journal</i> , 2001, 15, 1448-1450.	0.2	66
50	Arrangement of theLT gene cluster: a common null allele of theLT6 gene results from a 6.7-kbp deletion. <i>European Journal of Immunology</i> , 2000, 30, 3655-3662.	1.6	76
51	DAP12 and KAP10 (DAP10)-Novel Transmembrane Adapter Proteins of the CD3 Family. <i>Immunologic Research</i> , 2000, 22, 21-42.	1.3	24
52	Modulation of the Major Histocompatibility Complex Class II-Associated Peptide Repertoire by Human Histocompatibility Leukocyte Antigen (Hla)-Do. <i>Journal of Experimental Medicine</i> , 2000, 191, 1127-1136.	4.2	85
53	THEHUMANMAJORHISTOCOMPATIBILITYCOMPLEX: Lessons from the DNA Sequence. <i>Annual Review of Genomics and Human Genetics</i> , 2000, 1, 117-137.	2.5	159
54	Sequence organisation of the class II region of the human MHC. <i>Immunological Reviews</i> , 1999, 167, 201-210.	2.8	61

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55	Detection of polymorphism in the RING3 gene by high-throughput fluorescent SSCP analysis. Immunogenetics, 1999, 49, 256-265.	1.2	8
56	The human Ly-49L gene. Immunogenetics, 1999, 49, 731-734.	1.2	39
57	Cloning of a new lectin-like receptor expressed on human NK cells. Immunogenetics, 1999, 50, 1-7.	1.2	61
58	Heat shock proteins, HLA-DR and rheumatoid arthritis. Nature Medicine, 1998, 4, 1210-1210.	15.2	15
59	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. European Journal of Immunology, 1998, 28, 459-467.	1.6	71
60	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
61	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
62	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. , 1998, 28, 459.		2
63	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
64	Very frequent loss of heterozygosity throughout chromosome 17 in sporadic ovarian carcinoma. International Journal of Cancer, 1993, 54, 220-225.	2.3	88