Sergey Nejentsev

List of Publications by Year
in descending order

33	7,191	218677	395702
papers	citations	26 h-index	33 g-index

35	35	35	13501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust associations of four new chromosome regions from genome-wide analyses of type 1 diabetes. Nature Genetics, 2007, 39, 857-864.	21.4	1,324
2	Rare Variants of IFIH1 , a Gene Implicated in Antiviral Responses, Protect Against Type 1 Diabetes. Science, 2009, 324, 387-389.	12.6	876
3	Phosphoinositide 3-Kinase Î´ Gene Mutation Predisposes to Respiratory Infection and Airway Damage. Science, 2013, 342, 866-871.	12.6	541
4	A robust model for read count data in exome sequencing experiments and implications for copy number variant calling. Bioinformatics, 2012, 28, 2747-2754.	4.1	534
5	Localization of type 1 diabetes susceptibility to the MHC class I genes HLA-B and HLA-A. Nature, 2007, 450, 887-892.	27.8	493
6	Evolution and transmission of drug-resistant tuberculosis in a Russian population. Nature Genetics, 2014, 46, 279-286.	21.4	451
7	Reevaluation of SNP heritability in complex human traits. Nature Genetics, 2017, 49, 986-992.	21.4	427
8	Clinical spectrum and features of activated phosphoinositide 3-kinase Î´ syndrome: AÂlarge patient cohort study. Journal of Allergy and Clinical Immunology, 2017, 139, 597-606.e4.	2.9	377
9	PI3KÎ´ and primary immunodeficiencies. Nature Reviews Immunology, 2016, 16, 702-714.	22.7	259
10	Clinical and immunologic phenotype associated with activated phosphoinositide 3-kinase Î´ syndrome 2: AÂcohort study. Journal of Allergy and Clinical Immunology, 2016, 138, 210-218.e9.	2.9	215
11	Biallelic RIPK1 mutations in humans cause severe immunodeficiency, arthritis, and intestinal inflammation. Science, 2018, 361, 810-813.	12.6	181
12	Comparative high-resolution analysis of linkage disequilibrium and tag single nucleotide polymorphisms between populations in the vitamin D receptor gene. Human Molecular Genetics, 2004, 13, 1633-1639.	2.9	175
13	Genetic correlations among psychiatric and immuneâ€related phenotypes based on genomeâ€wide association data. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 641-657.	1.7	158
14	Susceptibility to tuberculosis is associated with variants in the ASAP1 gene encoding a regulator of dendritic cell migration. Nature Genetics, 2015, 47, 523-527.	21.4	156
15	HLA class II sequence variants influence tuberculosis risk in populations of European ancestry. Nature Genetics, 2016, 48, 318-322.	21.4	123
16	Hypomorphic caspase activation and recruitment domain 11 (CARD11) mutations associated with diverse immunologic phenotypes with or without atopic disease. Journal of Allergy and Clinical Immunology, 2019, 143, 1482-1495.	2.9	116
17	Biallelic JAK1 mutations in immunodeficient patient with mycobacterial infection. Nature Communications, 2016, 7, 13992.	12.8	104
18	Occurrence of B-cell lymphomas in patients with activated phosphoinositide 3-kinase Î´ syndrome. Journal of Allergy and Clinical Immunology, 2014, 134, 233-236.e3.	2.9	101

#	Article	IF	Citations
19	Activated PI3 Kinase Delta Syndrome: From Genetics to Therapy. Frontiers in Immunology, 2018, 9, 369.	4.8	79
20	Analysis of the Vitamin D Receptor Gene Sequence Variants in Type 1 Diabetes. Diabetes, 2004, 53, 2709-2712.	0.6	76
21	Immunodeficiency and severe susceptibility to bacterial infection associated with a loss-of-function homozygous mutation of MKL1. Blood, 2015, 126, 1527-1535.	1.4	66
22	Novel PLCG2 Mutation in a Patient With APLAID and Cutis Laxa. Frontiers in Immunology, 2018, 9, 2863.	4.8	64
23	PI3KÎ´ hyper-activation promotes development of BÂcells that exacerbate Streptococcus pneumoniae infection in an antibody-independent manner. Nature Communications, 2018, 9, 3174.	12.8	56
24	Early progression to active tuberculosis is a highly heritable trait driven by 3q23 in Peruvians. Nature Communications, 2019, 10, 3765.	12.8	43
25	Association of intercellular adhesion molecule-1 gene with type 1 diabetes. Lancet, The, 2003, 362, 1723-1724.	13.7	38
26	Immunodeficiency and disseminated mycobacterial infection associated with homozygous nonsense mutation of IKKÎ². Journal of Allergy and Clinical Immunology, 2014, 134, 215-218.e3.	2.9	37
27	Gain-of-function CEBPE mutation causes noncanonical autoinflammatory inflammasomopathy. Journal of Allergy and Clinical Immunology, 2019, 144, 1364-1376.	2.9	37
28	Efficient genome editing in pathogenic mycobacteria using Streptococcus thermophilus CRISPR1-Cas9. Tuberculosis, 2020, 124, 101983.	1.9	22
29	Topoisomerase 2Î² mutation impairs early B-cell development. Blood, 2020, 135, 1497-1501.	1.4	18
30	Common variable immunodeficiency and natural killer cell lymphopenia caused by Ets-binding site mutation in the IL-2 receptor Î³ (IL2RG) gene promoter. Journal of Allergy and Clinical Immunology, 2016, 137, 940-942.e4.	2.9	14
31	Sequencing and association analysis of the type 1 diabetes â€“ linked region on chromosome 10p12-q11. BMC Genetics, 2007, 8, 24.	2.7	10
32	Beijing clades of Mycobacterium tuberculosis are associated with differential survival in HIV-negative Russian patients. Infection, Genetics and Evolution, 2015, 36, 517-523.	2.3	7
33	Novel IL2RG Mutation Causes Leaky TLOWB+NK+ SCID With Nodular Regenerative Hyperplasia and Normal IL-15 STAT5 Phosphorylation. Journal of Pediatric Hematology/Oncology, 2019, 41, 328-333.	0.6	6