Maxim Freidin

List of Publications by Year
in descending order

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129	6,944	147801	74163
papers	citations	31 h-index	75 g-index

154	154	154	13537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. New England Journal of Medicine, 2010, 363, 1211-1221.	27.0	1,762
2	Real-time tracking of self-reported symptoms to predict potential COVID-19. Nature Medicine, 2020, 26, 1037-1040.	30.7	1,173
3	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
4	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. Science, 2020, 368, 1362-1367.	12.6	313
5	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148
6	Leprosy and the Adaptation of Human Toll-Like Receptor 1. PLoS Pathogens, 2010, 6, e1000979.	4.7	139
7	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, 7, .	10.3	115
8	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. PLoS Genetics, 2018, 14, e1007601.	3.5	112
9	Current smoking and COVID-19 risk: results from a population symptom app in over 2.4 million people. Thorax, 2021, 76, 714-722.	5.6	105
10	GWAS Identifies 44 Independent Associated Genomic Loci for Self-Reported Adult Hearing Difficulty in UK Biobank. American Journal of Human Genetics, 2019, 105, 788-802.	6.2	101
11	Circulating Tumor DNA Outperforms Circulating Tumor Cells for KRAS Mutation Detection in Thoracic Malignancies. Clinical Chemistry, 2015, 61, 1299-1304.	3.2	91
12	Associations between gut microbiota and genetic risk for rheumatoid arthritis in the absence of disease: a cross-sectional study. Lancet Rheumatology, The, 2020, 2, e418-e427.	3.9	91
13	Probable delirium is a presenting symptom of COVID-19 in frail, older adults: a cohort study of 322 hospitalised and 535 community-based older adults. Age and Ageing, 2021, 50, 40-48.	1.6	82
14	Insight into the genetic architecture of back pain and its risk factors from a study of 509,000 individuals. Pain, 2019, 160, 1361-1373.	4.2	74
15	Vertebral Endplate Defect as Initiating Factor in Intervertebral Disc Degeneration. Spine, 2018, 43, 412-419.	2.0	71
16	Genomeâ€wide association study of body mass index in 23Â000 individuals with and without asthma. Clinical and Experimental Allergy, 2013, 43, 463-474.	2.9	68
17	Cancer and Risk of COVID-19 Through a General Community Survey. Oncologist, 2021, 26, e182-e185.	3.7	61
18	Novel candidate genes important for asthma and hypertension comorbidity revealed from associative gene networks. BMC Medical Genomics, 2018, 11, 15.	1.5	57

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19	Self-Reported Symptoms of COVID-19, Including Symptoms Most Predictive of SARS-CoV-2 Infection, Are Heritable. Twin Research and Human Genetics, 2020, 23, 316-321.	0.6	57
20	A Comparison of Genome-Wide DNA Methylation Patterns between Different Vascular Tissues from Patients with Coronary Heart Disease. PLoS ONE, 2015, 10, e0122601.	2.5	54
21	<scp>BAI</scp>3, <scp>CDX</scp>2 and <scp>VIL</scp>1: a panel of three antibodies to distinguish small cell from large cell neuroendocrine lung carcinomas. Histopathology, 2014, 64, 547-556.	2.9	51
22	NMDA receptor genotypes associated with the vulnerability to develop dyskinesia. Translational Psychiatry, 2012, 2, e67-e67.	4.8	50
23	Endplate Defect Is Heritable, Associated With Low Back Pain and Triggers Intervertebral Disc Degeneration. Spine, 2018, 43, 1496-1501.	2.0	50
24	Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. Journal of Allergy and Clinical Immunology, 2014, 133, 885-888.	2.9	47
25	An assessment of diagnostic performance of a filter-based antibody-independent peripheral blood circulating tumour cell capture paired with cytomorphologic criteria for the diagnosis of cancer. Lung Cancer, 2014, 85, 182-185.	2.0	42
26	Intervertebral Disc Biology: Genetic Basis of Disc Degeneration. Current Molecular Biology Reports, 2018, 4, 143-150.	1.6	42
27	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain conditions. Communications Biology, 2020, 3, 329.	4.4	42
28	The C718T polymorphism in the 3â€²-untranslated region of glutathione peroxidase-4 gene is a predictor of cerebral stroke in patients with essential hypertension. Hypertension Research, 2012, 35, 507-512.	2.7	41
29	Strong association between vertebral endplate defect and Modic change in the general population. Scientific Reports, 2018, 8, 16630.	3.3	41
30	An association between chronic widespread pain and the gut microbiome. Rheumatology, 2021, 60, 3727-3737.	1.9	40
31	Impact of Collection and Storage of Lung Tumor Tissue on Whole Genome Expression Profiling. Journal of Molecular Diagnostics, 2012, 14, 140-148.	2.8	36
32	Opisthorchiasis: An Overlooked Danger. PLoS Neglected Tropical Diseases, 2015, 9, e0003563.	3.0	36
33	A comprehensive contribution of genes for aryl hydrocarbon receptor signaling pathway to hypertension susceptibility. Pharmacogenetics and Genomics, 2017, 27, 57-69.	1.5	32
34	ISSLS Prize in Clinical Science 2020. Examining causal effects of body mass index on back pain: a Mendelian randomization study. European Spine Journal, 2020, 29, 686-691.	2.2	32
35	A genome-wide association study finds genetic variants associated with neck or shoulder pain in UK Biobank. Human Molecular Genetics, 2020, 29, 1396-1404.	2.9	32
36	Genome-wide association study identifies RNF123 locus as associated with chronic widespread musculoskeletal pain. Annals of the Rheumatic Diseases, 2021, 80, 1227-1235.	0.9	31

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37	Identification of 5-hydroxytryptamine receptor gene polymorphisms modulating hyperprolactinaemia in antipsychotic drug-treated patients with schizophrenia. World Journal of Biological Psychiatry, 2017, 18, 239-246.	2.6	28
38	Genome-wide methylation analysis of a large population sample shows neurological pathways involvement in chronic widespread musculoskeletal pain. Pain, 2017, 158, 1053-1062.	4.2	27
39	Genome-wide association meta-analysis identifies 48 risk variants and highlights the role of the stria vascularis in hearing loss. American Journal of Human Genetics, 2022, 109, 1077-1091.	6.2	27
40	The Association Between Low Back Pain and Composition of IgG Glycome. Scientific Reports, 2016, 6, 26815.	3.3	26
41	Identification of a new locus at 16q12 associated with time to asthma onset. Journal of Allergy and Clinical Immunology, 2016, 138, 1071-1080.	2.9	25
42	Adult onset asthma and interaction between genes and active tobacco smoking: The GABRIEL consortium. PLoS ONE, 2017, 12, e0172716.	2.5	25
43	Heritability of Human Plasma N-Glycome. Journal of Proteome Research, 2020, 19, 85-91.	3.7	25
44	Prolactin gene polymorphism (â˜' 1149 G/T) is associated with hyperprolactinemia in patients with schizophrenia treated with antipsychotics. Schizophrenia Research, 2017, 182, 110-114.	2.0	24
45	A pilot screening of prevalence of atopic states and opisthorchosis and their relationship in people of Tomsk Oblast. Parasitology Research, 2007, 101, 1165-1168.	1.6	23
46	Insights into pathophysiology of dystropy through the analysis of gene networks: an example of bronchial asthma and tuberculosis. Immunogenetics, 2014, 66, 457-465.	2.4	21
47	Doublesex and mab-3 related transcription factor 1 (DMRT1) is a sex-specific genetic determinant of childhood-onset asthma and is expressed in testis and macrophages. Journal of Allergy and Clinical Immunology, 2016, 138, 421-431.	2.9	21
48	Novel tuberculosis susceptibility candidate genes revealed by the reconstruction and analysis of associative networks. Infection, Genetics and Evolution, 2016, 46, 118-123.	2.3	21
49	Metabolomic markers of fatigue: Association between circulating metabolome and fatigue in women with chronic widespread pain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 601-606.	3.8	21
50	Self-reported hearing loss questions provide a good measure for genetic studies: a polygenic risk score analysis from UK Biobank. European Journal of Human Genetics, 2020, 28, 1056-1065.	2.8	21
51	Sex- and age-specific genetic analysis of chronic back pain. Pain, 2021, 162, 1176-1187.	4.2	21
52	Comorbidity of asthma and hypertension may be mediated by shared genetic dysregulation and drug side effects. Scientific Reports, 2019, 9, 16302.	3.3	20
53	Inertia based microfluidic capture and characterisation of circulating tumour cells for the diagnosis of lung cancer. Annals of Translational Medicine, 2016, 4, 480-480.	1.7	20
54	Association between the 1188ÂA/C polymorphism in the humanIL12Bgene and Th1-mediated infectious diseases. International Journal of Immunogenetics, 2006, 33, 231-232.	1.8	18

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55	Antioxidant Defense Enzyme Genes and Asthma Susceptibility: Gender-Specific Effects and Heterogeneity in Gene-Gene Interactions between Pathogenetic Variants of the Disease. BioMed Research International, 2014, 2014, 1-17.	1.9	18
56	A pharmacogenetic study of patients with schizophrenia from West Siberia gets insight into dopaminergic mechanisms of antipsychotic-induced hyperprolactinemia. BMC Medical Genetics, 2019, 20, 47.	2.1	17
57	Genome-wide association studies of low back pain and lumbar spinal disorders using electronic health record data identify a locus associated with lumbar spinal stenosis. Pain, 2021, 162, 2263-2272.	4.2	17
58	Association of Polymorphisms in the HumanIL4andIL5Genes with Atopic Bronchial Asthma and Severity of the Disease. Comparative and Functional Genomics, 2003, 4, 346-350.	2.0	15
59	Altered erythrocyte membrane protein composition mirrors pleiotropic effects of hypertension susceptibility genes and disease pathogenesis. Journal of Hypertension, 2015, 33, 2265-2277.	0.5	15
60	Y disruption, autosomal hypomethylation and poor male lung cancer survival. Scientific Reports, 2021, 11, 12453.	3.3	15
61	Syntropy, genetic testing and personalized medicine. Personalized Medicine, 2010, 7, 399-405.	1.5	14
62	Likelihood of mechanistic roles for dopaminergic, serotonergic and glutamatergic receptors in tardive dyskinesia: A comparison of genetic variants in two independent patient populations. SAGE Open Medicine, 2016, 4, 205031211664367.	1.8	14
63	Bloodâ€based circulating tumor DNA mutations as a diagnostic and prognostic biomarker for lung cancer. Cancer, 2020, 126, 1804-1809.	4.1	14
64	Genome-wide meta-analysis identifies genetic locus on chromosome 9 associated with Modic changes. Journal of Medical Genetics, 2019, 56, 420-426.	3.2	13
65	Pharmacogenetics of tardive dyskinesia in schizophrenia: The role ofCHRM1andCHRM2muscarinic receptors. World Journal of Biological Psychiatry, 2020, 21, 72-77.	2.6	13
66	Association between 8 Pâ€glycoprotein (MDR1/ABCB1) gene polymorphisms and antipsychotic drugâ€induced hyperprolactinaemia. British Journal of Clinical Pharmacology, 2020, 86, 1827-1835.	2.4	13
67	Title is missing!. Molecular Biology, 2002, 36, 493-496.	1.3	12
68	Morphological and Molecular Characteristics of â€œDifficultâ€•Asthma. Journal of Asthma, 2010, 47, 269-275.	1.7	12
69	Differential expression of the Î²2-adrenoreceptor and M3-cholinoreceptor genes in bronchial mucosa of patients with asthma and chronic obstructive pulmonary disease. Annals of Allergy, Asthma and Immunology, 2012, 108, 39-43.	1.0	12
70	Immunological parameters and gene polymorphisms (C-590T IL4, C-597A IL10) in severe bronchial asthma in children from the Krasnoyarsk region, West Siberia. International Journal of Circumpolar Health, 2013, 72, 21159.	1.2	12
71	Opisthorchis felineus liver fluke invasion is an environmental factor modifying genetic risk of atopic bronchial asthma. Acta Tropica, 2014, 139, 53-56.	2.0	12
72	Clinical results of microfluidic antibody-independent peripheral blood circulating tumor cell capture for the diagnosis of lung cancer. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1936-1938.	0.8	12

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73	Using omics in chronic pain conditions to delineate mechanisms and provide new therapeutic strategies. Pain Management, 2016, 6, 211-215.	1.5	12
74	Search for New Candidate Genes Involved in the Comorbidity of Asthma and Hypertension Based on Automatic Analysis of Scientific Literature. Journal of Integrative Bioinformatics, 2018, 15, .	1.5	12
75	Molecular Relationships between Bronchial Asthma and Hypertension as Comorbid Diseases. Journal of Integrative Bioinformatics, 2018, 15, .	1.5	12
76	Geo-social gradients in predicted COVID-19 prevalence in Great Britain: results from 1 960 242 users of the COVID-19 Symptoms Study app. Thorax, 2021, 76, 723-725.	5.6	12
77	Causal effects of psychosocial factors on chronic back pain: a bidirectional Mendelian randomisation study. European Spine Journal, 2022, 31, 1906-1915.	2.2	12
78	Title is missing!. Molecular Biology, 2002, 36, 634-636.	1.3	11
79	Association of Raynaudâ€™s phenomenon with a polymorphism in the NOS1 gene. PLoS ONE, 2018, 13, e0196279.	2.5	11
80	Genome-wide association study suggests that variation at the RCOR1 locus is associated with tinnitus in UK Biobank. Scientific Reports, 2021, 11, 6470.	3.3	11
81	Evidence for infection in intervertebral disc degeneration: a systematic review. European Spine Journal, 2022, 31, 414-430.	2.2	11
82	Genome-wide association study of allergic diseases in Russians of West Siberia. Molecular Biology, 2011, 45, 421-429.	1.3	10
83	Polymorphisms of Catechol-O-Methyl Transferase (COMT) Gene in Vulnerability to Levodopa-Induced Dyskinesia. Journal of Pharmacy and Pharmaceutical Sciences, 2018, 21, 340-346.	2.1	10
84	The analysis of causal relationships between blood lipid levels and BMD. PLoS ONE, 2019, 14, e0212464.	2.5	10
85	What is the effect of alcohol consumption on the risk of chronic widespread pain? A Mendelian randomisation study using UK Biobank. Pain, 2019, 160, 501-507.	4.2	10
86	Syntropic genes of allergic diseases. Russian Journal of Genetics, 2010, 46, 224-229.	0.6	9
87	Comparative analysis of the tuberculosis susceptibility genetic make-up in Tuvinians and Russians. Molecular Biology, 2006, 40, 218-227.	1.3	8
88	The Bank of Biological Samples Representing Individuals Exposed to Long-Term Ionizing Radiation at Various Doses. Biopreservation and Biobanking, 2015, 13, 72-78.	1.0	8
89	The prevalence of the variants of the L-ficolin gene (FCN2) in the arctic populations of East Siberia. Immunogenetics, 2017, 69, 409-413.	2.4	8
90	shRNA-Induced Knockdown of a Bioinformatically Predicted Target IL10 Influences Functional Parameters in Spontaneously Hypertensive Rats with Asthma. Journal of Integrative Bioinformatics, 2018, 15, .	1.5	8

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91	Title is missing!. Russian Journal of Genetics, 2002, 38, 1452-1459.	0.6	7
92	An in-depth study of the associations between osteoarthritis- and osteoporosis-related phenotypes at different skeletal locations. Osteoporosis International, 2020, 31, 2197-2208.	3.1	7
93	Validation of PPP1R12B as a candidate gene for childhood asthma in Russians. Journal of Genetics, 2013, 92, 93-96.	0.7	6
94	Mannose-binding lectin gene polymorphisms in the East Siberia and Russian Arctic populations. Immunogenetics, 2020, 72, 347-354.	2.4	6
95	ACE Inhibitors, ARBs and Other Anti-Hypertensive Drugs and Novel COVID-19: An Association Study from the COVID Symptom Tracker App in 2,215,386 Individuals. SSRN Electronic Journal, 0, , .	0.4	6
96	Shared Genetic Architecture Between Rheumatoid Arthritis and Varying Osteoporotic Phenotypes. Journal of Bone and Mineral Research, 2020, 37, 440-453.	2.8	6
97	Diagnostic Utility of Unbiased Circulating Tumour Cell Capture through Negative Depletion of Peripheral Blood Cells. Oncology, 2015, 89, 360-364.	1.9	5
98	Looking for Sunshine: Genetic Predisposition to Sun Seeking in 265,000 Individuals of European Ancestry. Journal of Investigative Dermatology, 2021, 141, 779-786.	0.7	5
99	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort. , 2021, 62, 15.		5
100	Mutations in genes underlying atypical familial mycobacteriosis are not found in tuberculosis patients from Siberian populations. Tuberculosis, 2015, 95, 204-207.	1.9	4
101	Genetic variability in the regulation of the expression cluster of MDR genes in patients with breast cancer. Cancer Chemotherapy and Pharmacology, 2017, 80, 251-260.	2.3	4
102	Effect of additional disease (Comorbidity) on association of allergic rhinitis with KCNE4 gene rs12621643 variant. Russian Journal of Genetics, 2013, 49, 473-475.	0.6	3
103	Analysis of association between cytokine gene polymorphisms and psoriatic disease in Russians of East Siberia. Meta Gene, 2019, 19, 60-64.	0.6	3
104	Putative regulatory functions of SNPs associated with bronchial asthma, arterial hypertension and their comorbid phenotype. Vavilovskii Zhurnal Genetiki I Selektsii, 2022, 25, 855-863.	1.1	3
105	Understanding the complex genetic architecture connecting rheumatoid arthritis, osteoporosis and inflammation: discovering causal pathways. Human Molecular Genetics, 2022, , .	2.9	3
106	Genetic comorbidity of hypertension and bronchial asthma. Arterial Hypertension (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Tc	0.4	3
107	Genetic factors predisposing to a chronic course of virus hepatitis and liver fibrosis. Molecular Biology, 2008, 42, 209-212.	1.3	2
108	Application of RNA in situ hybridisation for identification of circulating tumour cells. Journal of Clinical Pathology, 2015, 68, 669-670.	2.0	2

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109	Individual Factors Including Age, BMI, and Heritable Factors Underlie Temperature Variation in Sickness and in Health: An Observational, Multi-cohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1890-1897.	3.6	2
110	Impact of the Polymorphism of the and Genes on the Development of the Different Stages of Tuberculosis Infection. Iranian Journal of Medical Sciences, 2019, 44, 236-244.	0.4	2
111	DNA and radiobiological material bank of persons exposed to ionising radiation. International Journal of Low Radiation, 2006, 2, 179.	0.1	1
112	Association of immune system gene polymorphisms with quantitative traits pathogenetically important for chronic virus hepatitis. Molecular Biology, 2008, 42, 213-216.	1.3	1
113	Validation of the Results of Genome-Wide Association Studies of Tuberculosis in Russians of West Siberia. Russian Journal of Genetics, 2018, 54, 103-109.	0.6	1
114	Real-time tracking of self-reported symptoms to predict potential COVID-19. , 0, .		1
115	Influence of gene-by-sex interaction on time-to-asthma onset: a large-scale genome-wide meta-analysis. , 2018, , .		1
116	Study of IL5, IL1 and TNFÎ± genes polymorphisms in the predisposition to chronic polypoid rhinosinusitis. Research Result Medicine and Pharmacy, 2018, 4, 10-19.	0.2	1
117	Sequence variation at 8q24.21 and risk of back pain. F1000Research, 0, 9, 424.	1.6	1
118	Bronchial asthma in the genetic framework of cardiovascular continuum syntropy. Sibirskij Å¾urnal KliniÄeskoj I Ã¨ksperimentalÊ¹noj Mediciny, 2022, 36, 52-61.	0.4	1
119	Genes of the Glutamatergic System and Tardive Dyskinesia in Patients with Schizophrenia. Diagnostics, 2022, 12, 1521.	2.6	1
120	Different patterns of allelic imbalance in sporadic tumors and tumors associated with long-term exposure to gamma-radiation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 794, 8-16.	1.7	0
121	Differential genetic background of primary and secondary tuberculosis in Russians. Meta Gene, 2017, 11, 178-180.	0.6	0
122	Association of polymorphism in the dopamine receptors and transporter genes with hyperprolactinemia in patients with schizophrenia. European Neuropsychopharmacology, 2017, 27, S923-S924.	0.7	0
123	Ethnic and Geographical Aspects of the Prevalence of the Polymorphic Variants of Genes Associated with Tuberculosis. Russian Journal of Genetics, 2018, 54, 1089-1100.	0.6	0
124	A comparative study of blood-based KRAS mutation analysis in circulating tumor cells versus circulating plasma DNA to predict primary tumor mutations in lung cancer.. Journal of Clinical Oncology, 2014, 32, 7563-7563.	1.6	0
125	Bioinformatics approach identified of novel genes of tuberculosis susceptibility. , 2016, , .		0
126	Association of Ð¡ÐžÐœÐ¢ gene polymorphisms with Parkinsonâ€™s disease. Bulletin of Siberian Medicine, 2017, 16, 70-78.	0.3	0

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127	Different genetics background of patients with latent tuberculosis infection versus active tuberculosis. , 2017, , .		0
128	Genome-wide methylation analysis of a large population sample shows neurological pathways involvement in chronic widespread musculoskeletal pain. BÃ³l, 2018, 19, 11-22.	0.1	0
129	The role of genes IL10 (rs1800872) and TNF (rs2239704) in the pathogenesis of bronchial asthma and tuberculosis. , 2018, , .		0