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	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
2	Bronchial asthma in the genetic framework of cardiovascular continuum syntropy. Sibirskij Å¾urnal KliniÄeskoj I Ã¨ksperimentalÊ¹noj Mediciny, 2022, 36, 52-61.	0.4	1
3	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
4	Understanding the complex genetic architecture connecting rheumatoid arthritis, osteoporosis and inflammation: discovering causal pathways. Human Molecular Genetics, 2022, , .	2.9	3
5	Evidence for infection in intervertebral disc degeneration: a systematic review. European Spine Journal, 2022, 31, 414-430.	2.2	11
6	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
7	Genetic comorbidity of hypertension and bronchial asthma. Arterial Hypertension (Russian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.4	3
8	Causal effects of psychosocial factors on chronic back pain: a bidirectional Mendelian randomisation study. European Spine Journal, 2022, 31, 1906-1915.	2.2	12
9	Genes of the Glutamatergic System and Tardive Dyskinesia in Patients with Schizophrenia. Diagnostics, 2022, 12, 1521.	2.6	1
10	An association between chronic widespread pain and the gut microbiome. Rheumatology, 2021, 60, 3727-3737.	1.9	40
11	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
12	Cancer and Risk of COVID-19 Through a General Community Survey. Oncologist, 2021, 26, e182-e185.	3.7	61
13	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
14	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
15	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
16	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort. , 2021, 62, 15.		5
17	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, 7, .	10.3	115
18	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

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19	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
20	Y disruption, autosomal hypomethylation and poor male lung cancer survival. Scientific Reports, 2021, 11, 12453.	3.3	15
21	Sex- and age-specific genetic analysis of chronic back pain. Pain, 2021, 162, 1176-1187.	4.2	21
22	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
23	Pharmacogenetics of tardive dyskinesia in schizophrenia: The role ofCHRM1andCHRM2muscarinic receptors. World Journal of Biological Psychiatry, 2020, 21, 72-77.	2.6	13
24	Heritability of Human Plasma N-Glycome. Journal of Proteome Research, 2020, 19, 85-91.	3.7	25
25	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
26	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
27	Mannose-binding lectin gene polymorphisms in the East Siberia and Russian Arctic populations. Immunogenetics, 2020, 72, 347-354.	2.4	6
28	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. Science, 2020, 368, 1362-1367.	12.6	313
29	Real-time tracking of self-reported symptoms to predict potential COVID-19. Nature Medicine, 2020, 26, 1037-1040.	30.7	1,173
30	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
31	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
32	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
33	Analysis of genetically independent phenotypes identifies shared genetic factors associated with chronic musculoskeletal pain conditions. Communications Biology, 2020, 3, 329.	4.4	42
34	Bloodâ€based circulating tumor DNA mutations as a diagnostic and prognostic biomarker for lung cancer. Cancer, 2020, 126, 1804-1809.	4.1	14
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	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

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37	Shared Genetic Architecture Between Rheumatoid Arthritis and Varying Osteoporotic Phenotypes. Journal of Bone and Mineral Research, 2020, 37, 440-453.	2.8	6
38	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
39	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
40	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
41	The analysis of causal relationships between blood lipid levels and BMD. PLoS ONE, 2019, 14, e0212464.	2.5	10
42	Comorbidity of asthma and hypertension may be mediated by shared genetic dysregulation and drug side effects. Scientific Reports, 2019, 9, 16302.	3.3	20
43	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
44	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
45	Analysis of association between cytokine gene polymorphisms and psoriatic disease in Russians of East Siberia. Meta Gene, 2019, 19, 60-64.	0.6	3
46	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
47	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
48	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
49	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
50	Vertebral Endplate Defect as Initiating Factor in Intervertebral Disc Degeneration. Spine, 2018, 43, 412-419.	2.0	71
51	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
52	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
53	Strong association between vertebral endplate defect and Modic change in the general population. Scientific Reports, 2018, 8, 16630.	3.3	41
54	Molecular Relationships between Bronchial Asthma and Hypertension as Comorbid Diseases. Journal of Integrative Bioinformatics, 2018, 15, .	1.5	12

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55	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
56	Intervertebral Disc Biology: Genetic Basis of Disc Degeneration. Current Molecular Biology Reports, 2018, 4, 143-150.	1.6	42
57	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
58	Association of Raynaudâ€™s phenomenon with a polymorphism in the NOS1 gene. PLoS ONE, 2018, 13, e0196279.	2.5	11
59	Novel candidate genes important for asthma and hypertension comorbidity revealed from associative gene networks. BMC Medical Genomics, 2018, 11, 15.	1.5	57
60	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
61	Endplate Defect Is Heritable, Associated With Low Back Pain and Triggers Intervertebral Disc Degeneration. Spine, 2018, 43, 1496-1501.	2.0	50
62	Influence of gene-by-sex interaction on time-to-asthma onset: a large-scale genome-wide meta-analysis. , 2018, , .		1
63	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
64	The role of genes IL10 (rs1800872) and TNF (rs2239704) in the pathogenesis of bronchial asthma and tuberculosis. , 2018, , .		0
65	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
66	Differential genetic background of primary and secondary tuberculosis in Russians. Meta Gene, 2017, 11, 178-180.	0.6	0
67	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
68	A comprehensive contribution of genes for aryl hydrocarbon receptor signaling pathway to hypertension susceptibility. Pharmacogenetics and Genomics, 2017, 27, 57-69.	1.5	32
69	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
70	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
71	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
72	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

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73	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
74	Adult onset asthma and interaction between genes and active tobacco smoking: The GABRIEL consortium. PLoS ONE, 2017, 12, e0172716.	2.5	25
75	Association of Ð¡ÐžÐœÐ¢ gene polymorphisms with Parkinsonâ€™s disease. Bulletin of Siberian Medicine, 2017, 16, 70-78.	0.3	0
76	Different genetics background of patients with latent tuberculosis infection versus active tuberculosis. , 2017, , .		0
77	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
78	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
79	Using omics in chronic pain conditions to delineate mechanisms and provide new therapeutic strategies. Pain Management, 2016, 6, 211-215.	1.5	12
80	The Association Between Low Back Pain and Composition of IgG Glycome. Scientific Reports, 2016, 6, 26815.	3.3	26
81	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
82	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
83	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
84	Bioinformatics approach identified of novel genes of tuberculosis susceptibility. , 2016, , .		0
85	Diagnostic Utility of Unbiased Circulating Tumour Cell Capture through Negative Depletion of Peripheral Blood Cells. Oncology, 2015, 89, 360-364.	1.9	5
86	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
87	Application of RNA in situ hybridisation for identification of circulating tumour cells. Journal of Clinical Pathology, 2015, 68, 669-670.	2.0	2
88	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148
89	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
90	Opisthorchiasis: An Overlooked Danger. PLoS Neglected Tropical Diseases, 2015, 9, e0003563.	3.0	36

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91	Mutations in genes underlying atypical familial mycobacteriosis are not found in tuberculosis patients from Siberian populations. Tuberculosis, 2015, 95, 204-207.	1.9	4
92	Circulating Tumor DNA Outperforms Circulating Tumor Cells for KRAS Mutation Detection in Thoracic Malignancies. Clinical Chemistry, 2015, 61, 1299-1304.	3.2	91
93	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
94	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
95	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
96	<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
97	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
98	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
99	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
100	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
101	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
102	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
103	Validation of PPP1R12B as a candidate gene for childhood asthma in Russians. Journal of Genetics, 2013, 92, 93-96.	0.7	6
104	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
105	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
106	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
107	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
108	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

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109	NMDA receptor genotypes associated with the vulnerability to develop dyskinesia. Translational Psychiatry, 2012, 2, e67-e67.	4.8	50
110	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
111	Genome-wide association study of allergic diseases in Russians of West Siberia. Molecular Biology, 2011, 45, 421-429.	1.3	10
112	Syntropic genes of allergic diseases. Russian Journal of Genetics, 2010, 46, 224-229.	0.6	9
113	Syntropy, genetic testing and personalized medicine. Personalized Medicine, 2010, 7, 399-405.	1.5	14
114	Morphological and Molecular Characteristics of â€œDifficultâ€•Asthma. Journal of Asthma, 2010, 47, 269-275.	1.7	12
115	Leprosy and the Adaptation of Human Toll-Like Receptor 1. PLoS Pathogens, 2010, 6, e1000979.	4.7	139
116	A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. New England Journal of Medicine, 2010, 363, 1211-1221.	27.0	1,762
117	Genetic factors predisposing to a chronic course of virus hepatitis and liver fibrosis. Molecular Biology, 2008, 42, 209-212.	1.3	2
118	Association of immune system gene polymorphisms with quantitative traits pathogenetically important for chronic virus hepatitis. Molecular Biology, 2008, 42, 213-216.	1.3	1
119	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
120	DNA and radiobiological material bank of persons exposed to ionising radiation. International Journal of Low Radiation, 2006, 2, 179.	0.1	1
121	Comparative analysis of the tuberculosis susceptibility genetic make-up in Tuvinians and Russians. Molecular Biology, 2006, 40, 218-227.	1.3	8
122	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
123	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
124	Title is missing!. Molecular Biology, 2002, 36, 493-496.	1.3	12
125	Title is missing!. Molecular Biology, 2002, 36, 634-636.	1.3	11
126	Title is missing!. Russian Journal of Genetics, 2002, 38, 1452-1459.	0.6	7

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127	Real-time tracking of self-reported symptoms to predict potential COVID-19. , 0, .		1
128	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
129	Sequence variation at 8q24.21 and risk of back pain. F1000Research, 0, 9, 424.	1.6	1