

# Evgeny I Rogaev

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,121  
citations

361413

20  
h-index

243625

44  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3344  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ctenophore genome and the evolutionary origins of neural systems. <i>Nature</i> , 2014, 510, 109-114.	27.8	606
2	EEG alterations in non-demented individuals related to apolipoprotein E genotype and to risk of Alzheimer disease. <i>Neurobiology of Aging</i> , 2008, 29, 819-827.	3.1	125
3	Commensal bacteria contribute to insulin resistance in aging by activating innate B1a cells. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	121
4	Human-Specific Histone Methylation Signatures at Transcription Start Sites in Prefrontal Neurons. <i>PLoS Biology</i> , 2012, 10, e1001427.	5.6	113
5	Complete Mitochondrial Genome and Phylogeny of Pleistocene Mammoth <i>Mammuthus primigenius</i> . <i>PLoS Biology</i> , 2006, 4, e73.	5.6	107
6	microRNA-34a-Mediated Down-Regulation of the Microglial-Enriched Triggering Receptor and Phagocytosis-Sensor TREM2 in Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2016, 11, e0150211.	2.5	107
7	Genotype Analysis Identifies the Cause of the "Royal Disease". <i>Science</i> , 2009, 326, 817-817.	12.6	99
8	MicroRNA in schizophrenia: Genetic and expression analysis of miR-130b (22q11). <i>Biochemistry (Moscow)</i> , 2007, 72, 578-582.	1.5	96
9	Therapeutic B-cell depletion reverses progression of Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 2185.	12.8	75
10	Epigenetics in the Human Brain. <i>Neuropsychopharmacology</i> , 2013, 38, 183-197.	5.4	65
11	Novel candidate genes important for asthma and hypertension comorbidity revealed from associative gene networks. <i>BMC Medical Genomics</i> , 2018, 11, 15.	1.5	57
12	The <i>Caenorhabditis elegans</i> IMPAS gene, <i>imp-2</i> , is essential for development and is functionally distinct from related presenilins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14955-14960.	7.1	54
13	Genomic identification in the historical case of the Nicholas II royal family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5258-5263.	7.1	51
14	Small RNAs in Human Brain Development and Disorders. <i>Biochemistry (Moscow)</i> , 2005, 70, 1404-1407.	1.5	44
15	Molecular Adaptations to Social Defeat Stress and Induced Depression in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 3394-3407.	4.0	32
16	Whole-genome sequencing identifies a novel ABCB7 gene mutation for X-linked congenital cerebellar ataxia in a large family of Mongolian ancestry. <i>European Journal of Human Genetics</i> , 2016, 24, 550-555.	2.8	28
17	Peripubertal serum dioxin concentrations and subsequent sperm methylome profiles of young Russian adults. <i>Reproductive Toxicology</i> , 2018, 78, 40-49.	2.9	28
18	Age-dependent effect of Alzheimer's risk variant of CLU on EEG alpha rhythm in non-demented adults. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 86.	3.4	27

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19	Impas 1 possesses endoproteolytic activity against multipass membrane protein substrate cleaving the presenilin 1 holoprotein. <i>FEBS Letters</i> , 2004, 557, 185-192.	2.8	26
20	Biological basis for amyloidogenesis in Alzheimer's disease. <i>Biochemistry (Moscow)</i> , 2017, 82, 122-139.	1.5	25
21	Immunogenetic Factors of Neurodegenerative Diseases: The Role of HLA Class II. <i>Biochemistry (Moscow)</i> , 2018, 83, 1104-1116.	1.5	24
22	Tumor-Derived Thymic Stromal Lymphopoietin Expands Bone Marrow B-cell Precursors in Circulation to Support Metastasis. <i>Cancer Research</i> , 2019, 79, 5826-5838.	0.9	21
23	Genome analysis identifies the mutant genes for common industrial Silverblue and Hedlund white coat colours in American mink. <i>Scientific Reports</i> , 2019, 9, 4581.	3.3	19
24	Dissection of the Human T-Cell Receptor $\beta$ Gene Repertoire in the Brain and Peripheral Blood Identifies Age- and Alzheimer's Disease-Associated Clonotype Profiles. <i>Frontiers in Immunology</i> , 2020, 11, 12.	4.8	19
25	Quantitative EEG during normal aging: association with the Alzheimer's disease genetic risk variant in PICALM gene. <i>Neurobiology of Aging</i> , 2017, 51, 177.e1-177.e8.	3.1	18
26	Chromatin profiling of cortical neurons identifies individual epigenetic signatures in schizophrenia. <i>Translational Psychiatry</i> , 2019, 9, 256.	4.8	18
27	Potential importance of B cells in aging and aging-associated neurodegenerative diseases. <i>Seminars in Immunopathology</i> , 2017, 39, 283-294.	6.1	14
28	Complete mitochondrial genome and evolutionary analysis of <i>Turritopsis dohrnii</i> , the "immortal" jellyfish with a reversible life-cycle. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 232-238.	2.7	13
29	Evolution of Brain Active Gene Promoters in Human Lineage Towards the Increased Plasticity of Gene Regulation. <i>Molecular Neurobiology</i> , 2018, 55, 1871-1904.	4.0	12
30	Epigenetic-genetic chromatin footprinting identifies novel and subject-specific genes active in prefrontal cortex neurons. <i>FASEB Journal</i> , 2019, 33, 8161-8173.	0.5	12
31	Age- and genotype-related neurophysiologic reactivity to oxidative stress in healthy adults. <i>Neurobiology of Aging</i> , 2012, 33, 839.e11-839.e21.	3.1	7
32	Clusters of alpha satellite on human chromosome 21 are dispersed far onto the short arm and lack ancient layers. <i>Chromosome Research</i> , 2016, 24, 421-436.	2.2	7
33	Genome analysis of American minks reveals link of mutations in Ras-related protein-38 gene to Moyle brown coat phenotype. <i>Scientific Reports</i> , 2020, 10, 15876.	3.3	7
34	Genomics of Behavioral Diseases. <i>Frontiers in Genetics</i> , 2012, 3, 45.	2.3	6
35	Genetic Association Between Alzheimer's Disease Risk Variant of the PICALM Gene and EEG Functional Connectivity in Non-demented Adults. <i>Frontiers in Neuroscience</i> , 2020, 14, 324.	2.8	6
36	The Interactive Effect of Genetic and Epigenetic Variations in FKBP5 and ApoE Genes on Anxiety and Brain EEG Parameters. <i>Genes</i> , 2022, 13, 164.	2.4	6

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37	The curly coat phenotype of the Ural Rex feline breed is associated with a mutation in the lipase H gene. <i>Animal Genetics</i> , 2020, 51, 584-589.	1.7	5
38	Different Pathways to Neurodegeneration. <i>Biochemistry (Moscow)</i> , 2018, 83, 1007-1008.	1.5	3
39	Novel genes bearing mutations in rare cases of early-onset ataxia with cerebellar hypoplasia. <i>European Journal of Human Genetics</i> , 2022, 30, 703-711.	2.8	3
40	Genomics of Ancient Pathogens: First Advances and Prospects. <i>Biochemistry (Moscow)</i> , 2022, 87, 242-258.	1.5	3
41	Genetic Evidence of Authenticity of a Hair Shaft Relic from the Portrait of Tsesarevich Alexei, Son of the Last Russian Emperor. <i>Biochemistry (Moscow)</i> , 2021, 86, 1572-1578.	1.5	3
42	Effects of human presenilin 1 isoforms on proliferation and survival of rat pheochromocytoma cell line PC12. <i>Biochemistry (Moscow)</i> , 2003, 68, 611-617.	1.5	2
43	Novel Gene Mutations Regulating Immune Responses in Autoimmune Polyglandular Syndrome With an Atypical Course. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab077.	0.2	2
44	Mutational re-modeling of di-aspartyl intramembrane proteases: uncoupling physiologically-relevant activities from those associated with Alzheimer's disease. <i>Oncotarget</i> , 2017, 8, 82006-82026.	1.8	2
45	Genome Analysis of Sable Fur Color Links a Lightened Pigmentation Phenotype to a Frameshift Variant in the Tyrosinase-Related Protein 1 Gene. <i>Genes</i> , 2021, 12, 157.	2.4	1
46	Linking EEGs, Alzheimer disease, and the phosphatidylinositol-binding clathrin assembly protein (PICALM) gene. , 2020, , 41-55.		1
47	O3-13-01: Whole genome sequencing of late-onset Alzheimer's disease patients from genetic isolate. , 2015, 11, P250-P251.		0
48	[P1â€“138]: DECLINE OF FUNCTIONAL INTERHEMISPHERIC CONNECTIVITY IN AGING: ASSOCIATION WITH PICALM GENOTYPE. <i>Alzheimer's and Dementia</i> , 2017, 13, P295.	0.8	0
49	Properties of TCR gamma clonotypes in AD brain and peripheral blood. <i>Alzheimer's and Dementia</i> , 2020, 16, e042028.	0.8	0