

Avi Orr-Urtreger

List of Publications by Year in descending order

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168
papers

8,309
citations

41258

49
h-index

56606

83
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all docs

171
docs citations

171
times ranked

10069
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Localization of the Splicing Alternatives of Fibroblast Growth Factor Receptor-2 (FGFR2). <i>Developmental Biology</i> , 1993, 158, 475-486.	0.9	509
2	Mice Deficient in the $\alpha 7$ Neuronal Nicotinic Acetylcholine Receptor Lack α -Bungarotoxin Binding Sites and Hippocampal Fast Nicotinic Currents. <i>Journal of Neuroscience</i> , 1997, 17, 9165-9171.	1.7	478
3	Differential effects of severe vs mild <i>GBA</i> mutations on Parkinson disease. <i>Neurology</i> , 2015, 84, 880-887.	1.5	277
4	$\alpha 7$ Nicotinic Receptor Subunits Are Not Necessary for Hippocampal-Dependent Learning or Sensorimotor Gating: A Behavioral Characterization of <i>Acra7</i> -Deficient Mice. <i>Learning and Memory</i> , 1998, 5, 302-316.	0.5	271
5	Multiorgan Autonomic Dysfunction in Mice Lacking the $\alpha 2$ and the $\alpha 4$ Subunits of Neuronal Nicotinic Acetylcholine Receptors. <i>Journal of Neuroscience</i> , 1999, 19, 9298-9305.	1.7	263
6	Activation of the Cholinergic Anti-Inflammatory System by Nicotine Attenuates Neuroinflammation via Suppression of Th1 and Th17 Responses. <i>Journal of Immunology</i> , 2009, 183, 6681-6688.	0.4	244
7	The Nicotinic Acetylcholine Receptor Subunit $\alpha 5$ Mediates Short-Term Effects of Nicotine in Vivo. <i>Molecular Pharmacology</i> , 2003, 63, 1059-1066.	1.0	182
8	Single cell dissection of plasma cell heterogeneity in symptomatic and asymptomatic myeloma. <i>Nature Medicine</i> , 2018, 24, 1867-1876.	15.2	179
9	Decreased first trimester PAPP-A is a predictor of adverse pregnancy outcome. <i>Prenatal Diagnosis</i> , 2002, 22, 778-782.	1.1	167
10	The p.L302P mutation in the lysosomal enzyme gene <i>SMPD1</i> is a risk factor for Parkinson disease. <i>Neurology</i> , 2013, 80, 1606-1610.	1.5	149
11	A Genome-Wide Scan of Ashkenazi Jewish Crohn's Disease Suggests Novel Susceptibility Loci. <i>PLoS Genetics</i> , 2012, 8, e1002559.	1.5	144
12	Gait alterations in healthy carriers of the LRRK2 G2019S mutation. <i>Annals of Neurology</i> , 2011, 69, 193-197.	2.8	140
13	Central role of $\alpha 7$ nicotinic receptor in differentiation of the stratified squamous epithelium. <i>Journal of Cell Biology</i> , 2002, 159, 325-336.	2.3	136
14	Arm swing as a potential new prodromal marker of Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1527-1534.	2.2	136
15	Parkinson disease phenotype in Ashkenazi jews with and without <i>LRRK2</i> G2019S mutations. <i>Movement Disorders</i> , 2013, 28, 1966-1971.	2.2	131
16	Age-specific penetrance of <i>LRRK2</i> G2019S in the Michael J. Fox Ashkenazi Jewish LRRK2 Consortium. <i>Neurology</i> , 2015, 85, 89-95.	1.5	130
17	Mice Homozygous for the L250T Mutation in the $\alpha 7$ Nicotinic Acetylcholine Receptor Show Increased Neuronal Apoptosis and Die Within 1 Day of Birth. <i>Journal of Neurochemistry</i> , 2008, 74, 2154-2166.	2.1	118
18	GBA mutations are associated with Rapid Eye Movement Sleep Behavior Disorder. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 941-945.	1.7	117

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19	A Novel Founder Mutation in the RNASEL Gene, 471delAAAG, Is Associated with Prostate Cancer in Ashkenazi Jews. <i>American Journal of Human Genetics</i> , 2002, 71, 981-984.	2.6	113
20	Progression in the <i>LRRK2</i> -Associated Parkinson Disease Population. <i>JAMA Neurology</i> , 2018, 75, 312.	4.5	109
21	Multiple genes in human 20q13 chromosomal region are involved in an advanced prostate cancer xenograft. <i>Cancer Research</i> , 2002, 62, 6803-7.	0.4	106
22	Central Role of Fibroblast $\alpha 3$ Nicotinic Acetylcholine Receptor in Mediating Cutaneous Effects of Nicotine. <i>Laboratory Investigation</i> , 2003, 83, 207-225.	1.7	95
23	Clinical and dopamine transporter imaging characteristics of non-manifest <i>LRRK2</i> and <i>GBA</i> mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. <i>Lancet Neurology</i> , The, 2020, 19, 71-80.	4.9	94
24	Parkinson's disease phenotype is influenced by the severity of the mutations in the <i>GBA</i> gene. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 45-49.	1.1	90
25	Fall risk and gait in Parkinson's disease: The role of the <i>LRRK2</i> G2019S mutation. <i>Movement Disorders</i> , 2013, 28, 1683-1690.	2.2	82
26	Familial clustering of site-specific cancer risks associated with <i>BRCA1</i> and <i>BRCA2</i> mutations in the Ashkenazi Jewish population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3770-3774.	3.3	81
27	Prevalence of the I1307K <i>APC</i> gene variant in Israeli Jews of differing ethnic origin and risk for colorectal cancer. <i>Gastroenterology</i> , 1999, 116, 54-57.	0.6	78
28	A dose-effect of mutations in the <i>GBA</i> gene on Parkinson's disease phenotype. <i>Parkinsonism and Related Disorders</i> , 2017, 36, 47-51.	1.1	78
29	Mice lacking neuronal nicotinic acetylcholine receptor $\alpha 4$ -subunit and mice lacking both $\alpha 5$ - and $\alpha 4$ -subunits are highly resistant to nicotine-induced seizures. <i>Physiological Genomics</i> , 2004, 17, 221-229.	1.0	76
30	Higher Frequency of Certain Cancers in <i>LRRK2</i> G2019S Mutation Carriers With Parkinson Disease. <i>JAMA Neurology</i> , 2015, 72, 58.	4.5	76
31	Rett Syndrome: Clinical Manifestations in Males With <i>MECP2</i> Mutations. <i>Journal of Child Neurology</i> , 2002, 17, 20-24.	0.7	75
32	Lower cognitive performance in healthy G2019S <i>LRRK2</i> mutation carriers. <i>Neurology</i> , 2012, 79, 1027-1032.	1.5	75
33	Autonomic function in mice lacking $\alpha 5$ neuronal nicotinic acetylcholine receptor subunit. <i>Journal of Physiology</i> , 2002, 542, 347-354.	1.3	73
34	Synergistic control of keratinocyte adhesion through muscarinic and nicotinic acetylcholine receptor subtypes. <i>Experimental Cell Research</i> , 2004, 294, 534-549.	1.2	73
35	The role of neuronal nicotinic acetylcholine receptor subunits in autonomic ganglia: lessons from knockout mice. <i>Progress in Neurobiology</i> , 2002, 68, 341-360.	2.8	72
36	Carrier Screening for Gaucher Disease. <i>JAMA - Journal of the American Medical Association</i> , 2007, 298, 1281.	3.8	68

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37	First Trimester Maternal Serum Free Human Chorionic Gonadotropin as a Predictor of Adverse Pregnancy Outcome. <i>Fetal Diagnosis and Therapy</i> , 2002, 17, 352-356.	0.6	67
38	Altered baroreflex responses in $\hat{\pm}7$ deficient mice. <i>Behavioural Brain Research</i> , 2000, 113, 3-10.	1.2	66
39	Reorganization of corticostriatal circuits in healthy G2019S <i>LRRK2</i> carriers. <i>Neurology</i> , 2015, 84, 399-406.	1.5	66
40	Variable Clinical Presentation of an MUC1 Mutation Causing Medullary Cystic Kidney Disease Type 1. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 527-535.	2.2	65
41	Genetic Testing in Israel: An Overview. <i>Annual Review of Genomics and Human Genetics</i> , 2009, 10, 175-192.	2.5	64
42	Maternal serum HCG is higher in the presence of a female fetus as early as week 3 post-fertilization. <i>Human Reproduction</i> , 2002, 17, 485-489.	0.4	58
43	Neuropsychological performance in LRRK2 G2019S carriers with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 106-110.	1.1	58
44	Increased severity of experimental colitis in alpha5 nicotinic acetylcholine receptor subunit-deficient mice. <i>NeuroReport</i> , 2005, 16, 1123-1127.	0.6	57
45	<i>FGFR1</i> overexpression in primary rhabdomyosarcoma tumors is associated with hypomethylation of a 5 $\hat{\epsilon}^2$ CpG Island and abnormal expression of the <i>AKT1</i> , <i>NOG</i> , and <i>BMP4</i> genes. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 1028-1038.	1.5	57
46	The LRRK2 G2019S mutation as the cause of Parkinson's disease in Ashkenazi Jews. <i>Journal of Neural Transmission</i> , 2009, 116, 1473-1482.	1.4	54
47	Novel Genes Implicated in Embryonal, Alveolar, and Pleomorphic Rhabdomyosarcoma: A Cytogenetic and Molecular Analysis of Primary Tumors. <i>Neoplasia</i> , 2006, 8, 332-343.	2.3	53
48	Biochemical and functional properties of distinct nicotinic acetylcholine receptors in the superior cervical ganglion of mice with targeted deletions of nAChR subunit genes. <i>European Journal of Neuroscience</i> , 2010, 31, 978-993.	1.2	52
49	Association of Sequence Alterations in the Putative Promoter of <i>RAB7L1</i> With a Reduced Parkinson Disease Risk. <i>Archives of Neurology</i> , 2012, 69, 105.	4.9	52
50	Nonmotor symptoms in healthy Ashkenazi Jewish carriers of the G2019S mutation in the <i>LRRK2</i> gene. <i>Movement Disorders</i> , 2015, 30, 981-986.	2.2	52
51	Genome-wide mapping of IBD segments in an Ashkenazi PD cohort identifies associated haplotypes. <i>Human Molecular Genetics</i> , 2014, 23, 4693-4702.	1.4	49
52	The homozygous P582S mutation in the oxygen-dependent degradation domain of HIF-1 $\hat{\pm}$ is associated with increased risk for prostate cancer. <i>Prostate</i> , 2007, 67, 8-13.	1.2	48
53	Parkinson's disease-related LRRK2 G2019S mutation results from independent mutational events in humans. <i>Human Molecular Genetics</i> , 2010, 19, 1998-2004.	1.4	48
54	High Frequency of <i>GBA</i> Gene Mutations in Dementia With Lewy Bodies Among Ashkenazi Jews. <i>JAMA Neurology</i> , 2016, 73, 1448.	4.5	48

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55	High Frequency of a Common Bloom Syndrome Ashkenazi Mutation Among Jews of Polish Origin. <i>Genetic Testing and Molecular Biomarkers</i> , 1998, 2, 293-296.	1.7	45
56	Neural correlates of executive functions in healthy G2019S LRRK2 mutation carriers. <i>Cortex</i> , 2013, 49, 2501-2511.	1.1	42
57	Mechanism, Prevalence, and More Severe Neuropathy Phenotype of the Charcot-Marie-Tooth Type 1A Triplication. <i>American Journal of Human Genetics</i> , 2014, 94, 462-469.	2.6	42
58	Functional role of $\alpha 7$ nicotinic receptor in physiological control of cutaneous homeostasis. <i>Life Sciences</i> , 2003, 72, 2063-2067.	2.0	41
59	Effect of fetal gender on first trimester markers and on Down syndrome screening. <i>Prenatal Diagnosis</i> , 2001, 21, 1027-1030.	1.1	40
60	Screening for Familial Dysautonomia in Israel: Evidence for Higher Carrier Rate among Polish Ashkenazi Jews. <i>Genetic Testing and Molecular Biomarkers</i> , 2003, 7, 139-142.	1.7	39
61	Deficiency of Nicotinic Acetylcholine Receptor $\alpha 4$ Subunit Causes Autonomic Cardiac and Intestinal Dysfunction. <i>Molecular Pharmacology</i> , 2003, 63, 574-580.	1.0	39
62	<i>OPTN</i> 691_692insAG is a founder mutation causing recessive ALS and increased risk in heterozygotes. <i>Neurology</i> , 2016, 86, 446-453.	1.5	37
63	Cloning and mapping of the mouse $\alpha 7$ -neuronal nicotinic acetylcholine receptor. <i>Genomics</i> , 1995, 26, 399-402.	1.3	36
64	Initial experience of videocapsule endoscopy for diagnosing small-bowel tumors in patients with GI polypoid syndromes. <i>Gastrointestinal Endoscopy</i> , 2005, 62, 448-452.	0.5	36
65	Large-scale population screening for spinal muscular atrophy: Clinical implications. <i>Genetics in Medicine</i> , 2011, 13, 110-114.	1.1	36
66	Molecular analysis of the APC gene in 71 Israeli families: 17 novel mutations. <i>Human Mutation</i> , 2002, 19, 664-664.	1.1	35
67	Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 959-968.	2.2	34
68	Clinical and screening implications of the I1307K adenomatous polyposis coli gene variant in Israeli Ashkenazi Jews with familial colorectal neoplasia. <i>Cancer</i> , 2002, 94, 2561-2568.	2.0	33
69	Cerebral pathological and compensatory mechanisms in the premotor phase of leucine-rich repeat kinase 2 parkinsonism. <i>Brain</i> , 2012, 135, 3687-3698.	3.7	33
70	The emerging role of SMPD1 mutations in Parkinson's disease: Implications for future studies. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1294-1295.	1.1	33
71	The 8765delAG Mutation in BRCA2 Is Common among Jews of Yemenite Extraction. <i>American Journal of Human Genetics</i> , 1998, 63, 272-274.	2.6	32
72	MECP2 Mutations in Israel: Implications for molecular analysis, genetic counseling, and prenatal diagnosis in Rett syndrome. <i>Human Mutation</i> , 2002, 20, 323-324.	1.1	31

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73	Lower core body temperature and attenuated nicotine-induced hypothermic response in mice lacking the $\alpha 4$ neuronal nicotinic acetylcholine receptor subunit. <i>Brain Research Bulletin</i> , 2005, 66, 30-36.	1.4	31
74	LRRK2 mutations in Parkinson disease; a sex effect or lack thereof? A meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 778-782.	1.1	30
75	Selective deletion of the $\alpha 5$ subunit differentially affects somatic-dendritic versus axonally targeted nicotinic ACh receptors in mouse. <i>Journal of Physiology</i> , 2005, 563, 119-137.	1.3	29
76	Functional Analysis of the Aurora Kinase A Ile31 Allelic Variant in Human Prostate. <i>Neoplasia</i> , 2007, 9, 707-715.	2.3	29
77	The Risk of Fragile X Premutation Expansion Is Lower in Carriers Detected by General Prenatal Screening Than in Carriers from Known Fragile X Families. <i>Genetic Testing and Molecular Biomarkers</i> , 2000, 4, 289-292.	1.7	28
78	Advances in the genetics of Parkinson's disease. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 21-34.	2.8	27
79	Being "at-risk" for developing cancer: cognitive representations and psychological outcomes. <i>Journal of Behavioral Medicine</i> , 2009, 32, 197-208.	1.1	27
80	A Possible Modifying Effect of the G2019S Mutation in the LRRK2 Gene on GBA Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1249-1253.	2.2	27
81	Multiplex Nested PCR for Preimplantation Genetic Diagnosis of Spinal Muscular Atrophy. <i>Fetal Diagnosis and Therapy</i> , 2004, 19, 199-206.	0.6	26
82	Array-Based Comparative Genome Hybridization in Clinical Genetics. <i>Pediatric Research</i> , 2006, 60, 353-358.	1.1	26
83	Cytogenetic analysis of three variants of clival chordoma. <i>Cancer Genetics and Cytogenetics</i> , 2004, 154, 124-130.	1.0	25
84	Mutation screening and association study of the candidate prostate cancer susceptibility genes MSR1, PTEN, and KLF6. <i>Prostate</i> , 2006, 66, 1052-1060.	1.2	25
85	The Age at Motor Symptoms Onset in LRRK2-Associated Parkinson's Disease is Affected by a Variation in the MAPT Locus: A Possible Interaction. <i>Journal of Molecular Neuroscience</i> , 2012, 46, 541-544.	1.1	25
86	Revisiting the non-Gaucher-GBA-E326K carrier state: Is it sufficient to increase Parkinson's disease risk?. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 470-475.	0.5	25
87	Analysis of the Hoxd-3 Gene: Structure and Localization of Its Sense and Natural Antisense Transcripts. <i>DNA and Cell Biology</i> , 1995, 14, 295-304.	0.9	24
88	RNASEL Mutation Screening and Association Study in Ashkenazi and Non-Ashkenazi Prostate Cancer Patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 474-479.	1.1	24
89	Ashkenazi Parkinson's disease patients with the LRRK2 G2019S mutation share a common founder dating from the second to fifth centuries. <i>Neurogenetics</i> , 2009, 10, 355-358.	0.7	23
90	Decreased expression of B cell related genes in leukocytes of women with Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2011, 6, 66.	4.4	23

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91	Interest in Genetic Testing in Ashkenazi Jewish Parkinson's Disease Patients and Their Unaffected Relatives. <i>Journal of Genetic Counseling</i> , 2015, 24, 238-246.	0.9	23
92	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinson's Disease and Their First-Degree Unaffected Relatives. <i>Brain Topography</i> , 2018, 31, 1029-1036.	0.8	23
93	Increased sensitivity to nicotine-induced seizures in mice heterozygous for the L250T mutation in the $\alpha 7$ nicotinic acetylcholine receptor. <i>NeuroReport</i> , 2002, 13, 191-196.	0.6	22
94	Subunit composition of $\alpha 5$ -containing nicotinic receptors in the rodent habenula. <i>Journal of Neurochemistry</i> , 2012, 121, 551-560.	2.1	22
95	A cognitive fMRI study in non-manifesting LRRK2 and GBA carriers. <i>Brain Structure and Function</i> , 2017, 222, 1207-1218.	1.2	22
96	<i>HIF1A</i> C1772T polymorphism leads to HIF-1 α mRNA overexpression in prostate cancer patients. <i>Cancer Biology and Therapy</i> , 2012, 13, 720-726.	1.5	21
97	Sperm Epidermal Growth Factor Receptor (EGFR) Mediates $\alpha 7$ Acetylcholine Receptor (AChR) Activation to Promote Fertilization. <i>Journal of Biological Chemistry</i> , 2012, 287, 22328-22340.	1.6	21
98	Two novel mutations identified in familial cases with Donohue syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 64-72.	0.6	21
99	A Personalized Approach to Parkinson's Disease Patients Based on Founder Mutation Analysis. <i>Frontiers in Neurology</i> , 2016, 7, 71.	1.1	21
100	Down-regulation of B cell-related genes in peripheral blood leukocytes of Parkinson's disease patients with and without GBA mutations. <i>Molecular Genetics and Metabolism</i> , 2016, 117, 179-185.	0.5	21
101	A voxel-based morphometry and diffusion tensor imaging analysis of asymptomatic Parkinson's disease-related G2019S LRRK2 mutation carriers. <i>Movement Disorders</i> , 2014, 29, 823-827.	2.2	20
102	Genetic markers of Restless Legs Syndrome in Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 582-585.	1.1	20
103	Altered reward-related neural responses in non-manifesting carriers of the Parkinson disease related LRRK2 mutation. <i>Brain Imaging and Behavior</i> , 2019, 13, 1009-1020.	1.1	20
104	Metabolic syndrome does not influence the phenotype of LRRK2 and GBA related Parkinson's disease. <i>Scientific Reports</i> , 2020, 10, 9329.	1.6	19
105	Glucocerebrosidase Activity is not Associated with Parkinson's Disease Risk or Severity. <i>Movement Disorders</i> , 2022, 37, 190-195.	2.2	19
106	First trimester PAPP-A in the detection of non-Down syndrome aneuploidy. <i>Prenatal Diagnosis</i> , 2001, 21, 547-549.	1.1	16
107	Intact working memory in non-manifesting $LRRK2$ carriers "an fMRI study. <i>European Journal of Neuroscience</i> , 2016, 43, 106-112.	1.2	16
108	Network abnormalities among non-manifesting Parkinson disease related LRRK2 mutation carriers. <i>Human Brain Mapping</i> , 2019, 40, 2546-2555.	1.9	16

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109	Mutations in GBA and LRRK2 Are Not Associated with Increased Inflammatory Markers. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1285-1296.	1.5	16
110	The clinical application of spectral karyotyping (SKY?) in the analysis of prenatally diagnosed extra structurally abnormal chromosomes (ESACs). <i>Prenatal Diagnosis</i> , 2003, 23, 74-79.	1.1	15
111	Cytogenetic Analysis of Sinonasal Carcinomas. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 134, 654-660.	1.1	15
112	Interspecies comparison of prostate cancer gene expression profiles reveals genes associated with aggressive tumors. <i>Prostate</i> , 2009, 69, 1034-1044.	1.2	15
113	Fighting the risk of developing Parkinson's disease; clinical counseling for first degree relatives of patients with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2011, 310, 17-20.	0.3	15
114	Homozygosity for the MTX1 c.184T>A (p.S63T) alteration modifies the age of onset in GBA-associated Parkinson's disease. <i>Neurogenetics</i> , 2011, 12, 325-332.	0.7	15
115	Feasibility and safety of lumbar puncture in the Parkinson's disease research participants: Parkinson's Progression Marker Initiative (PPMI). <i>Parkinsonism and Related Disorders</i> , 2019, 62, 201-209.	1.1	15
116	Familial adenomatous polyposis at the Tel Aviv Medical Center: demographic and clinical features. <i>Familial Cancer</i> , 2001, 1, 75-82.	0.9	14
117	A Comparison between Maternal Serum Free β -Human Chorionic Gonadotrophin and Pregnancy-Associated Plasma Protein A Levels in First-Trimester Twin and Singleton Pregnancies. <i>Fetal Diagnosis and Therapy</i> , 2004, 19, 174-177.	0.6	14
118	Single channel properties of $\alpha 3 \beta 4$, $\alpha 3 \beta 4 \gamma 5$ and $\alpha 3 \beta 4 \gamma 2$ nicotinic acetylcholine receptors in mice lacking specific nicotinic acetylcholine receptor subunits. <i>Journal of Physiology</i> , 2013, 591, 3271-3288.	1.3	14
119	Survival rates among Parkinson's disease patients who carry mutations in the LRRK2 and GBA genes. <i>Movement Disorders</i> , 2018, 33, 1656-1660.	2.2	14
120	Fetal muscle biopsy as a diagnostic tool in Duchenne muscular dystrophy. , 1999, 19, 921-926.		13
121	Normal apoptosis levels in mice expressing one $\alpha 7$ nicotinic receptor null and one L250T mutant allele. <i>NeuroReport</i> , 2001, 12, 1643-1648.	0.6	13
122	Combined cytogenetic and array-based comparative genomic hybridization analyses of Wilms tumors. <i>Cancer Genetics and Cytogenetics</i> , 2003, 141, 120-127.	1.0	13
123	Two novel translocations, t(2;4)(q35;q31) and t(X;12)(q22;q24), as the only karyotypic abnormalities in a malignant peripheral nerve sheath tumor of the skull base. <i>Cancer Genetics and Cytogenetics</i> , 2003, 145, 139-143.	1.0	13
124	SEPT14 Is Associated with a Reduced Risk for Parkinson's Disease and Expressed in Human Brain. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 343-350.	1.1	13
125	A founder mutation in ADAMTSL4 causes early-onset bilateral ectopia lentis among Jews of Bukharian origin. <i>Molecular Genetics and Metabolism</i> , 2016, 117, 38-41.	0.5	13
126	Hierarchical Data-Driven Analysis of Clinical Symptoms Among Patients With Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 531.	1.1	13

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127	Differential brain transcriptome of $\alpha 4$ nAChR subunit-deficient mice: is it the effect of the null mutation or the background strain?. <i>Physiological Genomics</i> , 2007, 28, 213-222.	1.0	12
128	Tnfr α , Cox2 and AdipoQ adipokine gene expression levels are modulated in murine adipose tissues by both nicotine and nACh receptors containing the $\alpha 2$ subunit. <i>Molecular Genetics and Metabolism</i> , 2012, 107, 561-570.	0.5	12
129	Ethnic effect on FMR1 carrier rate and AGG repeat interruptions among Ashkenazi women. <i>Genetics in Medicine</i> , 2014, 16, 940-944.	1.1	12
130	The Effect of GBA Mutations and APOE Polymorphisms on Dementia with Lewy Bodies in Ashkenazi Jews. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1221-1229.	1.2	12
131	High frequency of C9orf72 hexanucleotide repeat expansion in amyotrophic lateral sclerosis patients from two founder populations sharing the same risk haplotype. <i>Neurobiology of Aging</i> , 2018, 64, 160.e1-160.e7.	1.5	11
132	Nicotinic acetylcholine receptor $\alpha 5$ subunits modulate oxotremorine-induced salivation and tremor. <i>Journal of the Neurological Sciences</i> , 2004, 222, 87-91.	0.3	10
133	Expression changes in mouse brains following nicotine-induced seizures: the modulation of transcription factor networks. <i>Physiological Genomics</i> , 2007, 30, 242-252.	1.0	10
134	$\alpha 4\beta 2$ nicotinic acetylcholine receptors in the early postnatal mouse superior cervical ganglion. <i>Developmental Neurobiology</i> , 2011, 71, 390-399.	1.5	10
135	CHRNB3 c.-57A>G functional promoter change affects Parkinson's disease and smoking. <i>Neurobiology of Aging</i> , 2014, 35, 2179.e1-2179.e6.	1.5	10
136	Rare homozygosity in amyotrophic lateral sclerosis suggests the contribution of recessive variants to disease genetics. <i>Journal of the Neurological Sciences</i> , 2019, 402, 62-68.	0.3	10
137	False-positive results using a Gaucher diagnostic kit "RecTL and N370S. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 100-102.	0.5	9
138	Constitutional mosaicism for a chromosome 9 inversion resulting in recombinant aneusomy in an offspring. , 1997, 69, 360-364.		8
139	Hidden function of neuronal nicotinic acetylcholine receptor $\alpha 2$ subunits in ganglionic transmission: comparison to $\alpha 5$ and $\alpha 4$ subunits. <i>Journal of the Neurological Sciences</i> , 2005, 228, 167-177.	0.3	8
140	Cytogenetic analysis of 101 skull base tumors. <i>Head and Neck</i> , 2008, 30, 567-581.	0.9	8
141	Role of $\alpha 5$ -containing nicotinic receptors in neuropathic pain and response to nicotine. <i>Neuropharmacology</i> , 2015, 95, 37-49.	2.0	8
142	The role of the nAChR subunits $\alpha 5$, $\alpha 2$, and $\alpha 4$ on synaptic transmission in the mouse superior cervical ganglion. <i>Physiological Reports</i> , 2019, 7, e14023.	0.7	8
143	Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. <i>Genetics in Medicine</i> , 2014, 16, 644-645.	1.1	7
144	Novel mutations in the emerin gene in Israeli families. <i>Human Mutation</i> , 2001, 17, 522-522.	1.1	6

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146	Predictive value of TP53 fluorescence <i>in situ</i> hybridization in cytogenetic subgroups of acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2011, 52, 642-647.	0.6	6
147	The effects of aging vs. ± 7 nAChR subunit deficiency on the mouse brain transcriptome: aging beats the deficiency. <i>Age</i> , 2011, 33, 1-13.	3.0	6
148	Segregation of a paternal insertional translocation results in partial 4q monosomy or 4q trisomy in two siblings. , 1996, 61, 10-15.		5
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158	Glucocerebrosidase Activity Is Not Associated with Parkinson's Disease Risk or Severity. <i>Movement Disorders</i> , 2022, 37, 651-652.	2.2	4
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160	Estimation of genetic risk function with covariates in the presence of missing genotypes. <i>Statistics in Medicine</i> , 2017, 36, 3533-3546.	0.8	3
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