

Avi Orr-Urtreger

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168
papers

6,723
citations

45
h-index

76
g-index

171
ext. papers

7,625
ext. citations

5.3
avg, IF

5.18
L-index

#	Paper	IF	Citations
168	Developmental localization of the splicing alternatives of fibroblast growth factor receptor-2 (FGFR2). <i>Developmental Biology</i> , 1993 , 158, 475-86	3.1	470
167	Mice deficient in the alpha7 neuronal nicotinic acetylcholine receptor lack alpha-bungarotoxin binding sites and hippocampal fast nicotinic currents. <i>Journal of Neuroscience</i> , 1997 , 17, 9165-71	6.6	448
166	Multiorgan autonomic dysfunction in mice lacking the beta2 and the beta4 subunits of neuronal nicotinic acetylcholine receptors. <i>Journal of Neuroscience</i> , 1999 , 19, 9298-305	6.6	239
165	α Nicotinic Receptor Subunits Are Not Necessary for Hippocampal-Dependent Learning or Sensorimotor Gating: A Behavioral Characterization of Acra7-Deficient Mice. <i>Learning and Memory</i> , 1998 , 5, 302-316	2.8	216
164	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, 6681-8	5.3	206
163	Differential effects of severe vs mild GBA mutations on Parkinson disease. <i>Neurology</i> , 2015 , 84, 880-7	6.5	198
162	The nicotinic acetylcholine receptor subunit alpha 5 mediates short-term effects of nicotine in vivo. <i>Molecular Pharmacology</i> , 2003 , 63, 1059-66	4.3	167
161	Decreased first trimester PAPP-A is a predictor of adverse pregnancy outcome. <i>Prenatal Diagnosis</i> , 2002 , 22, 778-82	3.2	142
160	Central role of alpha7 nicotinic receptor in differentiation of the stratified squamous epithelium. <i>Journal of Cell Biology</i> , 2002 , 159, 325-36	7.3	124
159	A genome-wide scan of Ashkenazi Jewish Crohn's disease suggests novel susceptibility loci. <i>PLoS Genetics</i> , 2012 , 8, e1002559	6	117
158	The p.L302P mutation in the lysosomal enzyme gene SMPD1 is a risk factor for Parkinson disease. <i>Neurology</i> , 2013 , 80, 1606-10	6.5	113
157	Gait alterations in healthy carriers of the LRRK2 G2019S mutation. <i>Annals of Neurology</i> , 2011 , 69, 193-7	9.4	113
156	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, 981-4	11	106
155	Single cell dissection of plasma cell heterogeneity in symptomatic and asymptomatic myeloma. <i>Nature Medicine</i> , 2018 , 24, 1867-1876	50.5	105
154	Mice homozygous for the L250T mutation in the alpha7 nicotinic acetylcholine receptor show increased neuronal apoptosis and die within 1 day of birth. <i>Journal of Neurochemistry</i> , 2000 , 74, 2154-66 ⁶		102
153	Parkinson disease phenotype in Ashkenazi Jews with and without LRRK2 G2019S mutations. <i>Movement Disorders</i> , 2013 , 28, 1966-71	7	98
152	GBA mutations are associated with Rapid Eye Movement Sleep Behavior Disorder. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 941-5	5.3	95

151	Age-specific penetrance of LRRK2 G2019S in the Michael J. Fox Ashkenazi Jewish LRRK2 Consortium. <i>Neurology</i> , 2015 , 85, 89-95	6.5	92
150	Multiple genes in human 20q13 chromosomal region are involved in an advanced prostate cancer xenograft. <i>Cancer Research</i> , 2002 , 62, 6803-7	10.1	90
149	Central role of fibroblast alpha3 nicotinic acetylcholine receptor in mediating cutaneous effects of nicotine. <i>Laboratory Investigation</i> , 2003 , 83, 207-25	5.9	82
148	Arm swing as a potential new prodromal marker of Parkinson's disease. <i>Movement Disorders</i> , 2016 , 31, 1527-1534	7	80
147	Familial clustering of site-specific cancer risks associated with BRCA1 and BRCA2 mutations in the Ashkenazi Jewish population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3770-4	11.5	74
146	Autonomic function in mice lacking alpha5 neuronal nicotinic acetylcholine receptor subunit. <i>Journal of Physiology</i> , 2002 , 542, 347-54	3.9	69
145	Rett syndrome: clinical manifestations in males with MECP2 mutations. <i>Journal of Child Neurology</i> , 2002 , 17, 20-4	2.5	69
144	Mice lacking neuronal nicotinic acetylcholine receptor beta4-subunit and mice lacking both alpha5- and beta4-subunits are highly resistant to nicotine-induced seizures. <i>Physiological Genomics</i> , 2004 , 17, 221-9	3.6	67
143	The role of neuronal nicotinic acetylcholine receptor subunits in autonomic ganglia: lessons from knockout mice. <i>Progress in Neurobiology</i> , 2002 , 68, 341-60	10.9	66
142	Prevalence of the I1307K APC gene variant in Israeli Jews of differing ethnic origin and risk for colorectal cancer. <i>Gastroenterology</i> , 1999 , 116, 54-7	13.3	65
141	Altered baroreflex responses in alpha7 deficient mice. <i>Behavioural Brain Research</i> , 2000 , 113, 3-10	3.4	63
140	A "dose" effect of mutations in the GBA gene on Parkinson's disease phenotype. <i>Parkinsonism and Related Disorders</i> , 2017 , 36, 47-51	3.6	60
139	Synergistic control of keratinocyte adhesion through muscarinic and nicotinic acetylcholine receptor subtypes. <i>Experimental Cell Research</i> , 2004 , 294, 534-49	4.2	59
138	Progression in the LRRK2-Associated Parkinson Disease Population. <i>JAMA Neurology</i> , 2018 , 75, 312-319	17.2	58
137	Carrier screening for Gaucher disease: lessons for low-penetrance, treatable diseases. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 1281-90	27.4	56
136	Fall risk and gait in Parkinson's disease: the role of the LRRK2 G2019S mutation. <i>Movement Disorders</i> , 2013 , 28, 1683-90	7	55
135	Lower cognitive performance in healthy G2019S LRRK2 mutation carriers. <i>Neurology</i> , 2012 , 79, 1027-32	6.5	55
134	First trimester maternal serum free human chorionic gonadotropin as a predictor of adverse pregnancy outcome. <i>Fetal Diagnosis and Therapy</i> , 2002 , 17, 352-6	2.4	55

133	Higher frequency of certain cancers in LRRK2 G2019S mutation carriers with Parkinson disease: a pooled analysis. <i>JAMA Neurology</i> , 2015 , 72, 58-65	17.2	54
132	Genetic testing in Israel: an overview. <i>Annual Review of Genomics and Human Genetics</i> , 2009 , 10, 175-92	9.7	51
131	Parkinson ^Q disease phenotype is influenced by the severity of the mutations in the GBA gene. <i>Parkinsonism and Related Disorders</i> , 2018 , 55, 45-49	3.6	51
130	Reorganization of corticostriatal circuits in healthy G2019S LRRK2 carriers. <i>Neurology</i> , 2015 , 84, 399-406	6.5	50
129	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, 527-35	6.9	50
128	Increased severity of experimental colitis in alpha 5 nicotinic acetylcholine receptor subunit-deficient mice. <i>NeuroReport</i> , 2005 , 16, 1123-7	1.7	50
127	Association of sequence alterations in the putative promoter of RAB7L1 with a reduced parkinson disease risk. <i>Archives of Neurology</i> , 2012 , 69, 105-10		48
126	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, 978-93	3.5	47
125	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, 485-9	5.7	47
124	Novel genes implicated in embryonal, alveolar, and pleomorphic rhabdomyosarcoma: a cytogenetic and molecular analysis of primary tumors. <i>Neoplasia</i> , 2006 , 8, 332-43	6.4	45
123	FGFR1 over-expression in primary rhabdomyosarcoma tumors is associated with hypomethylation of a 5QCpG island and abnormal expression of the AKT1, NOG, and BMP4 genes. <i>Genes Chromosomes and Cancer</i> , 2007 , 46, 1028-38	5	44
122	The homozygous P582S mutation in the oxygen-dependent degradation domain of HIF-1 alpha is associated with increased risk for prostate cancer. <i>Prostate</i> , 2007 , 67, 8-13	4.2	42
121	Neuropsychological performance in LRRK2 G2019S carriers with Parkinson ^Q disease. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 106-10	3.6	40
120	The LRRK2 G2019S mutation as the cause of Parkinson ^Q disease in Ashkenazi Jews. <i>Journal of Neural Transmission</i> , 2009 , 116, 1473-82	4.3	40
119	Nonmotor symptoms in healthy Ashkenazi Jewish carriers of the G2019S mutation in the LRRK2 gene. <i>Movement Disorders</i> , 2015 , 30, 981-6	7	39
118	High frequency of a common Bloom syndrome Ashkenazi mutation among Jews of Polish origin. <i>Genetic Testing and Molecular Biomarkers</i> , 1998 , 2, 293-6		39
117	Neural correlates of executive functions in healthy G2019S LRRK2 mutation carriers. <i>Cortex</i> , 2013 , 49, 2501-11	3.8	38
116	Parkinson ^Q disease-related LRRK2 G2019S mutation results from independent mutational events in humans. <i>Human Molecular Genetics</i> , 2010 , 19, 1998-2004	5.6	38

115	High Frequency of GBA Gene Mutations in Dementia With Lewy Bodies Among Ashkenazi Jews. <i>JAMA Neurology</i> , 2016 , 73, 1448-1453	17.2	38
114	Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson@ Progression Markers Initiative (PPMI): a cross-sectional study. <i>Lancet Neurology</i> , 2020 , 19, 71-80	24.1	37
113	Mechanism, prevalence, and more severe neuropathy phenotype of the Charcot-Marie-Tooth type 1A triplication. <i>American Journal of Human Genetics</i> , 2014 , 94, 462-9	11	36
112	Deficiency of nicotinic acetylcholine receptor beta 4 subunit causes autonomic cardiac and intestinal dysfunction. <i>Molecular Pharmacology</i> , 2003 , 63, 574-80	4.3	36
111	Functional role of alpha7 nicotinic receptor in physiological control of cutaneous homeostasis. <i>Life Sciences</i> , 2003 , 72, 2063-7	6.8	36
110	Effect of fetal gender on first trimester markers and on Down syndrome screening. <i>Prenatal Diagnosis</i> , 2001 , 21, 1027-30	3.2	36
109	Genome-wide mapping of IBD segments in an Ashkenazi PD cohort identifies associated haplotypes. <i>Human Molecular Genetics</i> , 2014 , 23, 4693-702	5.6	35
108	Cloning and mapping of the mouse alpha 7-neuronal nicotinic acetylcholine receptor. <i>Genomics</i> , 1995 , 26, 399-402	4.3	33
107	OPTN 691_692insAG is a founder mutation causing recessive ALS and increased risk in heterozygotes. <i>Neurology</i> , 2016 , 86, 446-53	6.5	32
106	Molecular analysis of the APC gene in 71 Israeli families: 17 novel mutations. <i>Human Mutation</i> , 2002 , 19, 664	4.7	31
105	Screening for familial dysautonomia in Israel: evidence for higher carrier rate among Polish Ashkenazi Jews. <i>Genetic Testing and Molecular Biomarkers</i> , 2003 , 7, 139-42		31
104	Cerebral pathological and compensatory mechanisms in the premotor phase of leucine-rich repeat kinase 2 parkinsonism. <i>Brain</i> , 2012 , 135, 3687-98	11.2	30
103	Initial experience of videocapsule endoscopy for diagnosing small-bowel tumors in patients with GI polyposis syndromes. <i>Gastrointestinal Endoscopy</i> , 2005 , 62, 448-52	5.2	30
102	The 8765delAG mutation in BRCA2 is common among Jews of Yemenite extraction. <i>American Journal of Human Genetics</i> , 1998 , 63, 272-4	11	29
101	Selective deletion of the alpha5 subunit differentially affects somatic-dendritic versus axonally targeted nicotinic ACh receptors in mouse. <i>Journal of Physiology</i> , 2005 , 563, 119-37	3.9	29
100	MECP2 mutations in Israel: implications for molecular analysis, genetic counseling, and prenatal diagnosis in Rett syndrome. <i>Human Mutation</i> , 2002 , 20, 323-4	4.7	28
99	Clinical and screening implications of the I1307K adenomatous polyposis coli gene variant in Israeli Ashkenazi Jews with familial colorectal neoplasia. Evidence for a founder effect. <i>Cancer</i> , 2002 , 94, 2561-8	6.4	28
98	The emerging role of SMPD1 mutations in Parkinson@ disease: Implications for future studies. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 1294-5	3.6	26

97	Being at-risk for developing cancer: cognitive representations and psychological outcomes. <i>Journal of Behavioral Medicine</i> , 2009 , 32, 197-208	3.6	26
96	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, 289-92		26
95	Lower core body temperature and attenuated nicotine-induced hypothermic response in mice lacking the beta4 neuronal nicotinic acetylcholine receptor subunit. <i>Brain Research Bulletin</i> , 2005 , 66, 30-6	3.9	25
94	Mutation screening and association study of the candidate prostate cancer susceptibility genes MSR1, PTEN, and KLF6. <i>Prostate</i> , 2006 , 66, 1052-60	4.2	24
93	Large-scale population screening for spinal muscular atrophy: clinical implications. <i>Genetics in Medicine</i> , 2011 , 13, 110-4	8.1	23
92	Array-based comparative genome hybridization in clinical genetics. <i>Pediatric Research</i> , 2006 , 60, 353-8	3.2	23
91	LRRK2 mutations in Parkinson disease; a sex effect or lack thereof? A meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 778-82	3.6	22
90	The age at motor symptoms onset in LRRK2-associated Parkinson disease is affected by a variation in the MAPT locus: a possible interaction. <i>Journal of Molecular Neuroscience</i> , 2012 , 46, 541-4	3.3	22
89	RNASL mutation screening and association study in Ashkenazi and non-Ashkenazi prostate cancer patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 474-9	4	22
88	Functional analysis of the Aurora Kinase A Ile31 allelic variant in human prostate. <i>Neoplasia</i> , 2007 , 9, 707-15	6.4	22
87	Multiplex nested PCR for preimplantation genetic diagnosis of spinal muscular atrophy. <i>Fetal Diagnosis and Therapy</i> , 2004 , 19, 199-206	2.4	21
86	Two novel mutations identified in familial cases with Donohue syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2014 , 2, 64-72	2.3	20
85	Subunit composition of β -containing nicotinic receptors in the rodent habenula. <i>Journal of Neurochemistry</i> , 2012 , 121, 551-60	6	20
84	HIF1A C1772T polymorphism leads to HIF-1 mRNA overexpression in prostate cancer patients. <i>Cancer Biology and Therapy</i> , 2012 , 13, 720-6	4.6	20
83	Advances in the genetics of Parkinson disease. <i>Acta Pharmacologica Sinica</i> , 2008 , 29, 21-34	8	20
82	Increased sensitivity to nicotine-induced seizures in mice heterozygous for the L250T mutation in the alpha7 nicotinic acetylcholine receptor. <i>NeuroReport</i> , 2002 , 13, 191-6	1.7	20
81	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	3.6	20
80	Ashkenazi Parkinson disease patients with the LRRK2 G2019S mutation share a common founder dating from the second to fifth centuries. <i>Neurogenetics</i> , 2009 , 10, 355-8	3	19

79	Cytogenetic analysis of three variants of clival chordoma. <i>Cancer Genetics and Cytogenetics</i> , 2004 , 154, 124-30		19
78	Sperm epidermal growth factor receptor (EGFR) mediates $\bar{\eta}$ acetylcholine receptor (AChR) activation to promote fertilization. <i>Journal of Biological Chemistry</i> , 2012 , 287, 22328-40	5.4	18
77	Genetic markers of Restless Legs Syndrome in Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 582-5	3.6	16
76	A Possible Modifying Effect of the G2019S Mutation in the LRRK2 Gene on GBA Parkinson Disease. <i>Movement Disorders</i> , 2020 , 35, 1249-1253	7	16
75	Revisiting the non-Gaucher-GBA-E326K carrier state: Is it sufficient to increase Parkinson disease risk?. <i>Molecular Genetics and Metabolism</i> , 2019 , 128, 470-475	3.7	16
74	A voxel-based morphometry and diffusion tensor imaging analysis of asymptomatic Parkinson disease-related G2019S LRRK2 mutation carriers. <i>Movement Disorders</i> , 2014 , 29, 823-7	7	16
73	Decreased expression of B cell related genes in leukocytes of women with Parkinson disease. <i>Molecular Neurodegeneration</i> , 2011 , 6, 66	19	16
72	A Personalized Approach to Parkinson Disease Patients Based on Founder Mutation Analysis. <i>Frontiers in Neurology</i> , 2016 , 7, 71	4.1	16
71	Down-regulation of B cell-related genes in peripheral blood leukocytes of Parkinson disease patients with and without GBA mutations. <i>Molecular Genetics and Metabolism</i> , 2016 , 117, 179-85	3.7	15
70	Interest in genetic testing in Ashkenazi Jewish Parkinson disease patients and their unaffected relatives. <i>Journal of Genetic Counseling</i> , 2015 , 24, 238-46	2.5	15
69	First trimester PAPP-A in the detection of non-Down syndrome aneuploidy. <i>Prenatal Diagnosis</i> , 2001 , 21, 547-9	3.2	15
68	Intact working memory in non-manifesting LRRK2 carriers--an fMRI study. <i>European Journal of Neuroscience</i> , 2016 , 43, 106-12	3.5	14
67	Interspecies comparison of prostate cancer gene-expression profiles reveals genes associated with aggressive tumors. <i>Prostate</i> , 2009 , 69, 1034-44	4.2	14
66	Familial adenomatous polyposis at the Tel Aviv Medical Center: demographic and clinical features. <i>Familial Cancer</i> , 2001 , 1, 75-82	3	14
65	Tossing and Turning in Bed: Nocturnal Movements in Parkinson Disease. <i>Movement Disorders</i> , 2020 , 35, 959-968	7	13
64	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	4.1	13
63	A cognitive fMRI study in non-manifesting LRRK2 and GBA carriers. <i>Brain Structure and Function</i> , 2017 , 222, 1207-1218	4	13
62	Single-channel properties of $\beta\beta$, $\beta\beta\beta$ and $\beta\beta\alpha$ nicotinic acetylcholine receptors in mice lacking specific nicotinic acetylcholine receptor subunits. <i>Journal of Physiology</i> , 2013 , 591, 3271-88	3.9	13

61	Fighting the risk of developing Parkinson disease; clinical counseling for first degree relatives of patients with Parkinson disease. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 17-20	3.2	13
60	Cytogenetic analysis of sinonasal carcinomas. <i>Otolaryngology - Head and Neck Surgery</i> , 2006 , 134, 654-605	5.5	13
59	Homozygosity for the MTX1 c.184T>A (p.S63T) alteration modifies the age of onset in GBA-associated Parkinson disease. <i>Neurogenetics</i> , 2011 , 12, 325-32	3	12
58	Differential brain transcriptome of beta4 nAChR subunit-deficient mice: is it the effect of the null mutation or the background strain?. <i>Physiological Genomics</i> , 2007 , 28, 213-22	3.6	12
57	A comparison between maternal serum free beta-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, 174-7	2.4	12
56	Combined cytogenetic and array-based comparative genomic hybridization analyses of Wilms tumors: amplification and overexpression of the multidrug resistance associated protein 1 gene (MRP1) in a metachronous tumor. <i>Cancer Genetics and Cytogenetics</i> , 2003 , 141, 120-7		12
55	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, 139-43		12
54	The clinical application of spectral karyotyping (SKY) in the analysis of prenatally diagnosed extra structurally abnormal chromosomes (ESACs). <i>Prenatal Diagnosis</i> , 2003 , 23, 74-9	3.2	12
53	Normal apoptosis levels in mice expressing one alpha7 nicotinic receptor null and one L250T mutant allele. <i>NeuroReport</i> , 2001 , 12, 1643-8	1.7	12
52	Hierarchical Data-Driven Analysis of Clinical Symptoms Among Patients With Parkinson Disease. <i>Frontiers in Neurology</i> , 2019 , 10, 531	4.1	11
51	Network abnormalities among non-manifesting Parkinson disease related LRRK2 mutation carriers. <i>Human Brain Mapping</i> , 2019 , 40, 2546-2555	5.9	11
50	Tnf α Cox2 and AdipoQ adipokine gene expression levels are modulated in murine adipose tissues by both nicotine and nACh receptors containing the α subunit. <i>Molecular Genetics and Metabolism</i> , 2012 , 107, 561-70	3.7	11
49	Fetal muscle biopsy as a diagnostic tool in Duchenne muscular dystrophy. <i>Prenatal Diagnosis</i> , 1999 , 19, 921-6	3.2	11
48	Metabolic syndrome does not influence the phenotype of LRRK2 and GBA related Parkinson disease. <i>Scientific Reports</i> , 2020 , 10, 9329	4.9	11
47	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinson Disease and Their First-Degree Unaffected Relatives. <i>Brain Topography</i> , 2018 , 31, 1029-1036	4.3	11
46	Ethnic effect on FMR1 carrier rate and AGG repeat interruptions among Ashkenazi women. <i>Genetics in Medicine</i> , 2014 , 16, 940-4	8.1	10
45	Expression changes in mouse brains following nicotine-induced seizures: the modulation of transcription factor networks. <i>Physiological Genomics</i> , 2007 , 30, 242-52	3.6	10
44	Feasibility and safety of lumbar puncture in the Parkinson disease research participants: Parkinson Progression Marker Initiative (PPMI). <i>Parkinsonism and Related Disorders</i> , 2019 , 62, 201-209	3.6	9

43	CHRN3 c.-57A>G functional promoter change affects Parkinson disease and smoking. <i>Neurobiology of Aging</i> , 2014 , 35, 2179.e1-6	5.6	9
42	α5 nicotinic acetylcholine receptors in the early postnatal mouse superior cervical ganglion. <i>Developmental Neurobiology</i> , 2011 , 71, 390-9	3.2	9
41	Nicotinic acetylcholine receptor alpha5 subunits modulate oxotremorine-induced salivation and tremor. <i>Journal of the Neurological Sciences</i> , 2004 , 222, 87-91	3.2	9
40	SEPT14 Is Associated with a Reduced Risk for Parkinson Disease and Expressed in Human Brain. <i>Journal of Molecular Neuroscience</i> , 2016 , 59, 343-50	3.3	9
39	False-positive results using a Gaucher diagnostic kit--RecTL and N370S. <i>Molecular Genetics and Metabolism</i> , 2010 , 100, 100-2	3.7	8
38	Constitutional mosaicism for a chromosome 9 inversion resulting in recombinant aneusomy in an offspring 1997 , 69, 360-364		8
37	Hidden function of neuronal nicotinic acetylcholine receptor beta2 subunits in ganglionic transmission: comparison to alpha5 and beta4 subunits. <i>Journal of the Neurological Sciences</i> , 2005 , 228, 167-77	3.2	8
36	Survival rates among Parkinson disease patients who carry mutations in the LRRK2 and GBA genes. <i>Movement Disorders</i> , 2018 , 33, 1656-1660	7	8
35	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	5.6	7
34	Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. <i>Genetics in Medicine</i> , 2014 , 16, 644-5	8.1	7
33	The role of the nAChR subunits β, α, and γ on synaptic transmission in the mouse superior cervical ganglion. <i>Physiological Reports</i> , 2019 , 7, e14023	2.6	6
32	Role of β-containing nicotinic receptors in neuropathic pain and response to nicotine. <i>Neuropharmacology</i> , 2015 , 95, 37-49	5.5	6
31	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	3.7	6
30	The effects of aging vs. γ nAChR subunit deficiency on the mouse brain transcriptome: aging beats the deficiency. <i>Age</i> , 2011 , 33, 1-13		6
29	Novel mutations in the emerin gene in Israeli families. <i>Human Mutation</i> , 2001 , 17, 522	4.7	6
28	Predictive value of TP53 fluorescence in situ hybridization in cytogenetic subgroups of acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2011 , 52, 642-7	1.9	5
27	Dynamic modification strategy of the Israeli carrier screening protocol: inclusion of the Oriental Jewish Group to the cystic fibrosis panel. <i>Genetics in Medicine</i> , 2009 , 11, 101-3	8.1	5
26	Cytogenetic analysis of 101 skull base tumors. <i>Head and Neck</i> , 2008 , 30, 567-81	4.2	5

25	New genetic principles. <i>Clinical Obstetrics and Gynecology</i> , 2002 , 45, 593-604; discussion 730-2	1.7	5
24	Segregation of a paternal insertional translocation results in partial 4q monosomy or 4q trisomy in two siblings. <i>American Journal of Medical Genetics Part A</i> , 1996 , 61, 10-5		5
23	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	4.3	5
22	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	3.2	4
21	Efficient Estimation of Nonparametric Genetic Risk Function with Censored Data. <i>Biometrika</i> , 2015 , 102, 515-532	2	4
20	A founder mutation causing a severe methylenetetrahydrofolate reductase (MTHFR) deficiency in Bukharian Jews. <i>Molecular Genetics and Metabolism</i> , 2012 , 107, 608-10	3.7	4
19	An alternative spliced RNASEL variant in peripheral blood leukocytes. <i>Journal of Interferon and Cytokine Research</i> , 2006 , 26, 820-6	3.5	4
18	Mutations in GBA and LRRK2 Are Not Associated with Increased Inflammatory Markers. <i>Journal of Parkinson's Disease</i> , 2021 , 11, 1285-1296	5.3	4
17	Glucocerebrosidase Activity is not Associated with Parkinson's Disease Risk or Severity. <i>Movement Disorders</i> , 2021 ,	7	4
16	Two Ethnic Clusters with Huntington Disease in Israel: The Case of Mountain Jews and Karaites. <i>Neurodegenerative Diseases</i> , 2017 , 17, 281-285	2.3	3
15	Undetected sex chromosome aneuploidy by chromosomal microarray. <i>Prenatal Diagnosis</i> , 2012 , 32, 1117-8	3.8	3
14	Frequencies of C282Y and H63D alleles in the HFE gene among various Jewish ethnic groups in Israel: a change of concept required. <i>Genetics in Medicine</i> , 2010 , 12, 122-5	8.1	3
13	-GC Intermediate Repeats and Parkinson's Disease; A Data-Driven Hypothesis. <i>Genes</i> , 2021 , 12,	4.2	2
12	Variable PARK2 Mutations Cause Early-Onset Parkinson's Disease in a Small Restricted Population. <i>Journal of Molecular Neuroscience</i> , 2017 , 63, 216-222	3.3	1
11	Estimation of genetic risk function with covariates in the presence of missing genotypes. <i>Statistics in Medicine</i> , 2017 , 36, 3533-3546	2.3	1
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5	Biochemical markers for severity and risk in GBA and LRRK2 Parkinson disease. <i>Journal of Neurology</i> , 2021 , 268, 1517-1525	5.5	○
4	Aberrant dopamine transporter and functional connectivity patterns in LRRK2 and GBA mutation carriers.. <i>Npj Parkinson's Disease</i> , 2022 , 8, 20	9.7	○
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1	Clinical Observation: Effect of a Second Transpositioned Variant in a Family with Autosomal Dominant Ryanodine Receptor-1-Related Disease. <i>Journal of Pediatric Genetics</i> , 2020 , 9, 121-124	0.7	