# Avi Orr-Urtreger

List of Publications by Year
in descending order



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|---|---|---|---|
| 168 papers | 8,309 citations | 41344 49 h-index | 56724 83 g-index |
| 171 all docs | 171 docs citations | 171 times ranked | 10069 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Glucocerebrosidase Activity is not Associated with Parkinson's Disease Risk or Severity. Movement Disorders, 2022, 37, 190-195. | 3.9 | 19 |
| 2 | Glucocerebrosidase Activity Is Not Associated with Parkinson's Disease Risk or Severity. Movement Disorders, 2022, 37, 651-652. | 3.9 | 4 |
| 3 | Aberrant dopamine transporter and functional connectivity patterns in LRRK2 and GBA mutation carriers. Npj Parkinson's Disease, 2022, 8, 20. | 5.3 | 5 |
| 4 | R869C mutation in molecular motor KIF17 gene is involved in dementia with Lewy bodies. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12143. | 2.4 | 1 |
| 5 | PARK16 locus: Differential effects of the non-coding rs823114 on Parkinsonâ€™s disease risk, RNA expression, and DNA methylation. Journal of Genetics and Genomics, 2021, 48, 341-345. | 3.9 | 4 |
| 6 | The Effect of GBA Mutations and APOE Polymorphisms on Dementia with Lewy Bodies in Ashkenazi Jews. Journal of Alzheimer's Disease, 2021, 80, 1221-1229. | 2.6 | 12 |
| 7 | The GBA-370Rec Parkinson's disease risk haplotype harbors a potentially pathogenic variant in the mitochondrial gene SLC25A44. Molecular Genetics and Metabolism, 2021, 133, 109-112. | 1.1 | 2 |
| 8 | Mutations in GBA and LRRK2 Are Not Associated with Increased Inflammatory Markers. Journal of Parkinson's Disease, 2021, 11, 1285-1296. | 2.8 | 16 |
| 9 | C9orf72-G4C2 Intermediate Repeats and Parkinsonâ€™s Disease; A Data-Driven Hypothesis. Genes, 2021, 12, 1210. | 2.4 | 2 |
| 10 | Biochemical markers for severity and risk in GBA and LRRK2 Parkinsonâ€™s disease. Journal of Neurology, 2021, 268, 1517-1525. | 3.6 | 4 |
| 11 | Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study. Lancet Neurology, The, 2020, 19, 71-80. | 10.2 | 94 |
| 12 | Metabolic syndrome does not influence the phenotype of LRRK2 and GBA related Parkinsonâ€™s disease. Scientific Reports, 2020, 10, 9329. | 3.3 | 19 |
| 13 | Clinical Observation: Effect of a Second Transpositioned Variant in a Family with Autosomal Dominant Ryanodine Receptor-1â€“Related Disease. Journal of Pediatric Genetics, 2020, 09, 121-124. | 0.7 | 0 |
| 14 | Tossing and Turning in Bed: Nocturnal Movements in Parkinson's Disease. Movement Disorders, 2020, 35, 959-968. | 3.9 | 34 |
| 15 | A Possible Modifying Effect of the G2019S Mutation in the LRRK2 Gene on GBA Parkinson's Disease. Movement Disorders, 2020, 35, 1249-1253. | 3.9 | 27 |
| 16 | A novel mutation in TARDBP segregates with amyotrophic lateral sclerosis in a large family with early onset and fast progression. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 280-285. | 1.7 | 0 |
| 17 | Altered reward-related neural responses in non-manifesting carriers of the Parkinson disease related LRRK2 mutation. Brain Imaging and Behavior, 2019, 13, 1009-1020. | 2.1 | 20 |
| 18 | Revisiting the non-Gaucher-GBA-E326K carrier state: Is it sufficient to increase Parkinson's disease risk?. Molecular Genetics and Metabolism, 2019, 128, 470-475. | 1.1 | 25 |

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|---|---|---|---|
| 19 | Feasibility and safety of lumbar puncture in the Parkinson's disease research participants: Parkinson's Progression Marker Initiative (PPMI). Parkinsonism and Related Disorders, 2019, 62, 201-209. | 2.2 | 15 |
| 20 | Hierarchical Data-Driven Analysis of Clinical Symptoms Among Patients With Parkinson's Disease. Frontiers in Neurology, 2019, 10, 531. | 2.4 | 13 |
| 21 | Rare homozygosity in amyotrophic lateral sclerosis suggests the contribution of recessive variants to disease genetics. Journal of the Neurological Sciences, 2019, 402, 62-68. | 0.6 | 10 |
| 22 | The role of the nAChR subunits Î± 5, Î² 2, and Î² 4 on synaptic transmission in the mouse superior cervical ganglion. Physiological Reports, 2019, 7, e14023. | 1.7 | 8 |
| 23 | Network abnormalities among nonâ€manifesting Parkinson disease related LRRK2 mutation carriers. Human Brain Mapping, 2019, 40, 2546-2555. | 3.6 | 16 |
| 24 | Distinguishing Dementia With Lewy Bodies From Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2019, 33, 279-281. | 1.3 | 2 |
| 25 | High frequency of C9orf72 hexanucleotide repeat expansion in amyotrophic lateral sclerosis patients from two founder populations sharing the same risk haplotype. Neurobiology of Aging, 2018, 64, 160.e1-160.e7. | 3.1 | 11 |
| 26 | Progression in the LRRK2-Associated Parkinson Disease Population. JAMA Neurology, 2018, 75, 312. | 9.0 | 109 |
| 27 | Single cell dissection of plasma cell heterogeneity in symptomatic and asymptomatic myeloma. Nature Medicine, 2018, 24, 1867-1876. | 30.7 | 179 |
| 28 | Survival rates among Parkinson's disease patients who carry mutations in the LRRK2 and GBA genes. Movement Disorders, 2018, 33, 1656-1660. | 3.9 | 14 |
| 29 | Parkinson's disease phenotype is influenced by the severity of the mutations in the GBA gene. Parkinsonism and Related Disorders, 2018, 55, 45-49. | 2.2 | 90 |
| 30 | Cerebral Imaging Markers of GBA and LRRK2 Related Parkinsonâ€™s Disease and Their First-Degree Unaffected Relatives. Brain Topography, 2018, 31, 1029-1036. | 1.8 | 23 |
| 31 | A â€œdoseâ€•effect of mutations in the GBA gene on Parkinson's disease phenotype. Parkinsonism and Related Disorders, 2017, 36, 47-51. | 2.2 | 78 |
| 32 | Two Ethnic Clusters with Huntington Disease in Israel: The Case of Mountain Jews and Karaites. Neurodegenerative Diseases, 2017, 17, 281-285. | 1.4 | 3 |
| 33 | Variable PARK2 Mutations Cause Early-Onset Parkinsonâ€™s Disease in a Small Restricted Population. Journal of Molecular Neuroscience, 2017, 63, 216-222. | 2.3 | 1 |
| 34 | Estimation of genetic risk function with covariates in the presence of missing genotypes. Statistics in Medicine, 2017, 36, 3533-3546. | 1.6 | 3 |
| 35 | A cognitive fMRI study in non-manifesting LRRK2 and GBA carriers. Brain Structure and Function, 2017, 222, 1207-1218. | 2.3 | 22 |
| 36 | A Personalized Approach to Parkinsonâ€™s Disease Patients Based on Founder Mutation Analysis. Frontiers in Neurology, 2016, 7, 71. | 2.4 | 21 |

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| 37 | SEPT14 Is Associated with a Reduced Risk for Parkinsonâ€™s Disease and Expressed in Human Brain. Journal of Molecular Neuroscience, 2016, 59, 343-350. | 2.3 | 13 |
| 38 | High Frequency of GBA Gene Mutations in Dementia With Lewy Bodies Among Ashkenazi Jews. JAMA Neurology, 2016, 73, 1448. | 9.0 | 48 |
| 39 | Arm swing as a potential new prodromal marker of Parkinson's disease. Movement Disorders, 2016, 31, 1527-1534. | 3.9 | 136 |
| 40 | Intact working memory in nonâ€manifesting <scp>LRRK</scp>2 carriers â€“ an <scp>fMRI</scp> study. European Journal of Neuroscience, 2016, 43, 106-112. | 2.6 | 16 |
| 41 | A founder mutation in ADAMTSL4 causes early-onset bilateral ectopia lentis among Jews of Bukharian origin. Molecular Genetics and Metabolism, 2016, 117, 38-41. | 1.1 | 13 |
| 42 | OPTN 691_692insAG is a founder mutation causing recessive ALS and increased risk in heterozygotes. Neurology, 2016, 86, 446-453. | 1.1 | 37 |
| 43 | Down-regulation of B cell-related genes in peripheral blood leukocytes of Parkinson's disease patients with and without GBA mutations. Molecular Genetics and Metabolism, 2016, 117, 179-185. | 1.1 | 21 |
| 44 | Higher Frequency of Certain Cancers inLRRK2G2019S Mutation Carriers With Parkinson Disease. JAMA Neurology, 2015, 72, 58. | 9.0 | 76 |
| 45 | GBA mutations are associated with Rapid Eye Movement Sleep Behavior Disorder. Annals of Clinical and Translational Neurology, 2015, 2, 941-945. | 3.7 | 117 |
| 46 | Neuropsychological performance in LRRK2 G2019S carriers with Parkinson's disease. Parkinsonism and Related Disorders, 2015, 21, 106-110. | 2.2 | 58 |
| 47 | Interest in Genetic Testing in Ashkenazi Jewish Parkinson's Disease Patients and Their Unaffected Relatives. Journal of Genetic Counseling, 2015, 24, 238-246. | 1.6 | 23 |
| 48 | Age-specific penetrance of LRRK2 G2019S in the Michael J. Fox Ashkenazi Jewish LRRK2 Consortium. Neurology, 2015, 85, 89-95. | 1.1 | 130 |
| 49 | Differential effects of severe vs mild GBA mutations on Parkinson disease. Neurology, 2015, 84, 880-887. | 1.1 | 277 |
| 50 | LRRK2 mutations in Parkinson disease; a sex effect or lack thereof? A meta-analysis. Parkinsonism and Related Disorders, 2015, 21, 778-782. | 2.2 | 30 |
| 51 | Role of Î±5-containing nicotinic receptors in neuropathic pain and response to nicotine. Neuropharmacology, 2015, 95, 37-49. | 4.1 | 8 |
| 52 | Genetic markers of Restless Legs Syndrome in Parkinson disease. Parkinsonism and Related Disorders, 2015, 21, 582-585. | 2.2 | 20 |
| 53 | Nonmotor symptoms in healthy Ashkenazi Jewish carriers of the G2019S mutation in the LRRK2 gene. Movement Disorders, 2015, 30, 981-986. | 3.9 | 52 |
| 54 | Efficient estimation of nonparametric genetic risk function with censored data. Biometrika, 2015, 102, 515-532. | 2.4 | 5 |

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| 55 | The emerging role of SMPD1 mutations in Parkinson's disease: Implications for future studies. Parkinsonism and Related Disorders, 2015, 21, 1294-1295. | 2.2 | 33 |
| 56 | Reorganization of corticostriatal circuits in healthy G2019S LRRK2 carriers. Neurology, 2015, 84, 399-406. | 1.1 | 66 |
| 57 | Two novel mutations identified in familial cases with Donohue syndrome. Molecular Genetics & Genomic Medicine, 2014, 2, 64-72. | 1.2 | 21 |
| 58 | Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. Genetics in Medicine, 2014, 16, 644-645. | 2.4 | 7 |
| 59 | Variable Clinical Presentation of an MUC1 Mutation Causing Medullary Cystic Kidney Disease Type 1. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 527-535. | 4.5 | 65 |
| 60 | A voxelâ€based morphometry and diffusion tensor imaging analysis of asymptomatic Parkinson's diseaseâ€related G2019S LRRK2 mutation carriers. Movement Disorders, 2014, 29, 823-827. | 3.9 | 20 |
| 61 | Genome-wide mapping of IBD segments in an Ashkenazi PD cohort identifies associated haplotypes. Human Molecular Genetics, 2014, 23, 4693-4702. | 2.9 | 49 |
| 62 | Mechanism, Prevalence, and More Severe Neuropathy Phenotype of the Charcot-Marie-Tooth Type 1A Triplication. American Journal of Human Genetics, 2014, 94, 462-469. | 6.2 | 42 |
| 63 | CHRNB3 c.-57A>G functional promoter change affects Parkinson's disease and smoking. Neurobiology of Aging, 2014, 35, 2179.e1-2179.e6. | 3.1 | 10 |
| 64 | Ethnic effect on FMR1 carrier rate and AGG repeat interruptions among Ashkenazi women. Genetics in Medicine, 2014, 16, 940-944. | 2.4 | 12 |
| 65 | Fall risk and gait in Parkinson's disease: The role of the LRRK2 G2019S mutation. Movement Disorders, 2013, 28, 1683-1690. | 3.9 | 82 |
| 66 | Parkinson disease phenotype in Ashkenazi jews with and without LRRK2 G2019S mutations. Movement Disorders, 2013, 28, 1966-1971. | 3.9 | 131 |
| 67 | Neural correlates of executive functions in healthy G2019S LRRK2 mutation carriers. Cortex, 2013, 49, 2501-2511. | 2.4 | 42 |
| 68 | The p.L302P mutation in the lysosomal enzyme gene SMPD1 is a risk factor for Parkinson disease. Neurology, 2013, 80, 1606-1610. | 1.1 | 149 |
| 69 | Singleâ€channel properties of Î±3Î²4, Î±3Î²4Î±5 and Î±3Î²4Î²2 nicotinic acetylcholine receptors in mice lacking specific nicotinic acetylcholine receptor subunits. Journal of Physiology, 2013, 591, 3271-3288. | 2.9 | 14 |
| 70 | A Genome-Wide Scan of Ashkenazi Jewish Crohn's Disease Suggests Novel Susceptibility Loci. PLoS Genetics, 2012, 8, e1002559. | 3.5 | 144 |
| 71 | Lower cognitive performance in healthy G2019S LRRK2 mutation carriers. Neurology, 2012, 79, 1027-1032. | 1.1 | 75 |
| 72 | HIF1AC1772T polymorphism leads to HIF-1Î± mRNA overexpression in prostate cancer patients. Cancer Biology and Therapy, 2012, 13, 720-726. | 3.4 | 21 |

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| 73 | Cerebral pathological and compensatory mechanisms in the premotor phase of leucine-rich repeat kinase 2 parkinsonism. Brain, 2012, 135, 3687-3698. | 7.6 | 33 |
| 74 | Association of Sequence Alterations in the Putative Promoter of <emph type="ital">RAB7L1</emph> With a Reduced Parkinson Disease Risk. Archives of Neurology, 2012, 69, 105. | 4.5 | 52 |
| 75 | Sperm Epidermal Growth Factor Receptor (EGFR) Mediates Î±7 Acetylcholine Receptor (AChR) Activation to Promote Fertilization. Journal of Biological Chemistry, 2012, 287, 22328-22340. | 3.4 | 21 |
| 76 | Undetected sex chromosome aneuploidy by chromosomal microarray. Prenatal Diagnosis, 2012, 32, 1117-1118. | 2.3 | 5 |
| 77 | A founder mutation causing a severe methylenetetrahydrofolate reductase (MTHFR) deficiency in Bukharian Jews. Molecular Genetics and Metabolism, 2012, 107, 608-610. | 1.1 | 4 |
| 78 | TnfÎ±, Cox2 and AdipoQ adipokine gene expression levels are modulated in murine adipose tissues by both nicotine and nACh receptors containing the Î²2 subunit. Molecular Genetics and Metabolism, 2012, 107, 561-570. | 1.1 | 12 |
| 79 | Subunit composition of Î±5â€containing nicotinic receptors in the rodent habenula. Journal of Neurochemistry, 2012, 121, 551-560. | 3.9 | 22 |
| 80 | The Age at Motor Symptoms Onset in LRRK2-Associated Parkinson's Disease is Affected by a Variation in the MAPT Locus: A Possible Interaction. Journal of Molecular Neuroscience, 2012, 46, 541-544. | 2.3 | 25 |
| 81 | Predictive value of TP53 fluorescencein situhybridization in cytogenetic subgroups of acute myeloid leukemia. Leukemia and Lymphoma, 2011, 52, 642-647. | 1.3 | 6 |
| 82 | Fighting the risk of developing Parkinson's disease; clinical counseling for first degree relatives of patients with Parkinson's disease. Journal of the Neurological Sciences, 2011, 310, 17-20. | 0.6 | 15 |
| 83 | Homozygosity for the MTX1 c.184T>A (p.S63T) alteration modifies the age of onset in GBA-associated Parkinson's disease. Neurogenetics, 2011, 12, 325-332. | 1.4 | 15 |
| 84 | The effects of aging vs. Î±7 nAChR subunit deficiency on the mouse brain transcriptome: aging beats the deficiency. Age, 2011, 33, 1-13. | 3.0 | 6 |
| 85 | Decreased expression of B cell related genes in leukocytes of women with Parkinson's disease. Molecular Neurodegeneration, 2011, 6, 66. | 10.8 | 23 |
| 86 | Gait alterations in healthy carriers of the LRRK2 G2019S mutation. Annals of Neurology, 2011, 69, 193-197. | 5.3 | 140 |
| 87 | Î±4Î²2 nicotinic acetylcholine receptors in the early postnatal mouse superior cervical ganglion. Developmental Neurobiology, 2011, 71, 390-399. | 3.0 | 10 |
| 88 | Large-scale population screening for spinal muscular atrophy: Clinical implications. Genetics in Medicine, 2011, 13, 110-114. | 2.4 | 36 |
| 89 | Biochemical and functional properties of distinct nicotinic acetylcholine receptors in the superior cervical ganglion of mice with targeted deletions of nAChR subunit genes. European Journal of Neuroscience, 2010, 31, 978-993. | 2.6 | 52 |
| 90 | Parkinson's disease-related LRRK2 G2019S mutation results from independent mutational events in humans. Human Molecular Genetics, 2010, 19, 1998-2004. | 2.9 | 48 |

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| 91 | False-positive results using a Gaucher diagnostic kit â€“ RecTL and N370S. Molecular Genetics and Metabolism, 2010, 100, 100-102. | 1.1 | 9 |
| 92 | Frequencies of C282Y and H63D alleles in the HFE gene among various Jewish ethnic groups in Israel: A change of concept required. Genetics in Medicine, 2010, 12, 122-125. | 2.4 | 6 |
| 93 | Activation of the Cholinergic Anti-Inflammatory System by Nicotine Attenuates Neuroinflammation via Suppression of Th1 and Th17 Responses. Journal of Immunology, 2009, 183, 6681-6688. | 0.8 | 244 |
| 94 | Dynamic modification strategy of the Israeli carrier screening protocol: inclusion of the Oriental Jewish Group to the cystic fibrosis panel. Genetics in Medicine, 2009, 11, 101-103. | 2.4 | 5 |
| 95 | Ashkenazi Parkinsonâ€™s disease patients with the LRRK2 G2019S mutation share a common founder dating from the second to fifth centuries. Neurogenetics, 2009, 10, 355-358. | 1.4 | 23 |
| 96 | The LRRK2 G2019S mutation as the cause of Parkinsonâ€™s disease in Ashkenazi Jews. Journal of Neural Transmission, 2009, 116, 1473-1482. | 2.8 | 54 |
| 97 | Being â€˜at-riskâ€™ for developing cancer: cognitive representations and psychological outcomes. Journal of Behavioral Medicine, 2009, 32, 197-208. | 2.1 | 27 |
| 98 | Interspecies comparison of prostate cancer geneâ€expression profiles reveals genes associated with aggressive tumors. Prostate, 2009, 69, 1034-1044. | 2.3 | 15 |
| 99 | Genetic Testing in Israel: An Overview. Annual Review of Genomics and Human Genetics, 2009, 10, 175-192. | 6.2 | 64 |
| 100 | The Predictive Value of TP53 FISH Analysis for Treatment Response and Survival in Cytogenetic Subgroups of AML Patients.. Blood, 2009, 114, 2617-2617. | 1.4 | 1 |
| 101 | Mice Homozygous for the L250T Mutation in the Î±7 Nicotinic Acetylcholine Receptor Show Increased Neuronal Apoptosis and Die Within 1 Day of Birth. Journal of Neurochemistry, 2008, 74, 2154-2166. | 3.9 | 118 |
| 102 | Cytogenetic analysis of 101 skull base tumors. Head and Neck, 2008, 30, 567-581. | 2.0 | 8 |
| 103 | Advances in the genetics of Parkinson's disease. Acta Pharmacologica Sinica, 2008, 29, 21-34. | 6.1 | 27 |
| 104 | Differential brain transcriptome of Î²4 nAChR subunit-deficient mice: is it the effect of the null mutation or the background strain?. Physiological Genomics, 2007, 28, 213-222. | 2.3 | 12 |
| 105 | Expression changes in mouse brains following nicotine-induced seizures: the modulation of transcription factor networks. Physiological Genomics, 2007, 30, 242-252. | 2.3 | 10 |
| 106 | Carrier Screening for Gaucher Disease. JAMA - Journal of the American Medical Association, 2007, 298, 1281. | 7.4 | 68 |
| 107 | Functional Analysis of the Aurora Kinase A Ile31 Allelic Variant in Human Prostate. Neoplasia, 2007, 9, 707-IN25. | 5.3 | 29 |
| 108 | FGFR1 overâ€expression in primary rhabdomyosarcoma tumors is associated with hypomethylation of a 5â€² CpG Island and abnormal expression of the AKT1, NOG, and BMP4 genes. Genes Chromosomes and Cancer, 2007, 46, 1028-1038. | 2.8 | 57 |

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| 109 | The homozygous P582S mutation in the oxygen-dependent degradation domain of HIF-1Î± is associated with increased risk for prostate cancer. Prostate, 2007, 67, 8-13. | 2.3 | 48 |
| 110 | An Alternative SplicedRNASELVariant in Peripheral Blood Leukocytes. Journal of Interferon and Cytokine Research, 2006, 26, 820-826. | 1.2 | 5 |
| 111 | Novel Genes Implicated in Embryonal, Alveolar, and Pleomorphic Rhabdomyosarcoma: A Cytogenetic and Molecular Analysis of Primary Tumors. Neoplasia, 2006, 8, 332-343. | 5.3 | 53 |
| 112 | Cytogenetic Analysis of Sinonasal Carcinomas. Otolaryngology - Head and Neck Surgery, 2006, 134, 654-660. | 1.9 | 15 |
| 113 | Mutation screening and association study of the candidate prostate cancer susceptibility genesMSR1,PTEN, andKLF6. Prostate, 2006, 66, 1052-1060. | 2.3 | 25 |
| 114 | Array-Based Comparative Genome Hybridization in Clinical Genetics. Pediatric Research, 2006, 60, 353-358. | 2.3 | 26 |
| 115 | RNASELMutation Screening and Association Study in Ashkenazi and Non-Ashkenazi Prostate Cancer Patients. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 474-479. | 2.5 | 24 |
| 116 | Familial clustering of site-specific cancer risks associated with BRCA1 and BRCA2 mutations in the Ashkenazi Jewish population. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3770-3774. | 7.1 | 81 |
| 117 | Increased severity of experimental colitis in alpha5 nicotinic acetylcholine receptor subunit-deficient mice. NeuroReport, 2005, 16, 1123-1127. | 1.2 | 57 |
| 118 | Selective deletion of the Î±5 subunit differentially affects somatic-dendriticversusaxonally targeted nicotinic ACh receptors in mouse. Journal of Physiology, 2005, 563, 119-137. | 2.9 | 29 |
| 119 | Initial experience of videocapsule endoscopy for diagnosing small-bowel tumors in patients with GI polyposis syndromes. Gastrointestinal Endoscopy, 2005, 62, 448-452. | 1.0 | 36 |
| 120 | Lower core body temperature and attenuated nicotine-induced hypothermic response in mice lacking the Î²4 neuronal nicotinic acetylcholine receptor subunit. Brain Research Bulletin, 2005, 66, 30-36. | 3.0 | 31 |
| 121 | Hidden function of neuronal nicotinic acetylcholine receptor Î²2 subunits in ganglionic transmission: comparison to Î±5 and Î²4 subunits. Journal of the Neurological Sciences, 2005, 228, 167-177. | 0.6 | 8 |
| 122 | Mice lacking neuronal nicotinic acetylcholine receptor Î²4-subunit and mice lacking both Î±5- and Î²4-subunits are highly resistant to nicotine-induced seizures. Physiological Genomics, 2004, 17, 221-229. | 2.3 | 76 |
| 123 | A Comparison between Maternal Serum Free Î²-Human Chorionic Gonadotrophin and Pregnancy-Associated Plasma Protein A Levels in First-Trimester Twin and Singleton Pregnancies. Fetal Diagnosis and Therapy, 2004, 19, 174-177. | 1.4 | 14 |
| 124 | Cytogenetic analysis of three variants of clival chordoma. Cancer Genetics and Cytogenetics, 2004, 154, 124-130. | 1.0 | 25 |
| 125 | Multiplex Nested PCR for Preimplantation Genetic Diagnosis of Spinal Muscular Atrophy. Fetal Diagnosis and Therapy, 2004, 19, 199-206. | 1.4 | 26 |
| 126 | Nicotinic acetylcholine receptor Î±5 subunits modulate oxotremorine-induced salivation and tremor. Journal of the Neurological Sciences, 2004, 222, 87-91. | 0.6 | 10 |

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|---|---|---|---|
| 127 | Synergistic control of keratinocyte adhesion through muscarinic and nicotinic acetylcholine receptor subtypes. Experimental Cell Research, 2004, 294, 534-549. | 2.6 | 73 |
| 128 | Combined cytogenetic and array-based comparative genomic hybridization analyses of Wilms tumors. Cancer Genetics and Cytogenetics, 2003, 141, 120-127. | 1.0 | 13 |
| 129 | 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. Cancer Genetics and Cytogenetics, 2003, 145, 139-143. | 1.0 | 13 |
| 130 | The clinical application of spectral karyotyping (SKY?) in the analysis of prenatally diagnosed extra structurally abnormal chromosomes (ESACs). Prenatal Diagnosis, 2003, 23, 74-79. | 2.3 | 15 |
| 131 | Central Role of Fibroblast Î±3 Nicotinic Acetylcholine Receptor in Mediating Cutaneous Effects of Nicotine. Laboratory Investigation, 2003, 83, 207-225. | 3.7 | 95 |
| 132 | Functional role of Î±7 nicotinic receptor in physiological control of cutaneous homeostasis. Life Sciences, 2003, 72, 2063-2067. | 4.3 | 41 |
| 133 | Screening for Familial Dysautonomia in Israel: Evidence for Higher Carrier Rate among Polish Ashkenazi Jews. Genetic Testing and Molecular Biomarkers, 2003, 7, 139-142. | 1.7 | 39 |
| 134 | Deficiency of Nicotinic Acetylcholine Receptor Î²4 Subunit Causes Autonomic Cardiac and Intestinal Dysfunction. Molecular Pharmacology, 2003, 63, 574-580. | 2.3 | 39 |
| 135 | The Nicotinic Acetylcholine Receptor Subunit Î±5 Mediates Short-Term Effects of Nicotine in Vivo. Molecular Pharmacology, 2003, 63, 1059-1066. | 2.3 | 182 |
| 136 | Central role of Î±7 nicotinic receptor in differentiation of the stratified squamous epithelium. Journal of Cell Biology, 2002, 159, 325-336. | 5.2 | 136 |
| 137 | Rett Syndrome: Clinical Manifestations in Males With MECP2 Mutations. Journal of Child Neurology, 2002, 17, 20-24. | 1.4 | 75 |
| 138 | First Trimester Maternal Serum Free Human Chorionic Gonadotropin as a Predictor of Adverse Pregnancy Outcome. Fetal Diagnosis and Therapy, 2002, 17, 352-356. | 1.4 | 67 |
| 139 | Increased sensitivity to nicotine-induced seizures in mice heterozygous for the L250T mutation in the Î±7 nicotinic acetylcholine receptor. NeuroReport, 2002, 13, 191-196. | 1.2 | 22 |
| 140 | New Genetic Principles. Clinical Obstetrics and Gynecology, 2002, 45, 593-604. | 1.1 | 5 |
| 141 | Maternal serum HCG is higher in the presence of a female fetus as early as week 3 post-fertilization. Human Reproduction, 2002, 17, 485-489. | 0.9 | 58 |
| 142 | A Novel Founder Mutation in the RNASEL Gene, 471delAAAG, Is Associated with Prostate Cancer in Ashkenazi Jews. American Journal of Human Genetics, 2002, 71, 981-984. | 6.2 | 113 |
| 143 | The role of neuronal nicotinic acetylcholine receptor subunits in autonomic ganglia: lessons from knockout mice. Progress in Neurobiology, 2002, 68, 341-360. | 5.7 | 72 |
| 144 | Molecular analysis of the APC gene in 71 Israeli families: 17 novel mutations. Human Mutation, 2002, 19, 664-664. | 2.5 | 35 |

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| 145 | MECP2 Mutations in Israel: Implications for molecular analysis, genetic counseling, and prenatal diagnosis in Rett syndrome. Human Mutation, 2002, 20, 323-324. | 2.5 | 31 |
| 146 | Clinical and screening implications of the I1307K adenomatous polyposis coli gene variant in Israeli Ashkenazi Jews with familial colorectal neoplasia. Cancer, 2002, 94, 2561-2568. | 4.1 | 33 |
| 147 | Decreased first trimester PAPPâ€A is a predictor of adverse pregnancy outcome. Prenatal Diagnosis, 2002, 22, 778-782. | 2.3 | 167 |
| 148 | Autonomic function in mice lacking Î±5 neuronal nicotinic acetylcholine receptor subunit. Journal of Physiology, 2002, 542, 347-354. | 2.9 | 73 |
| 149 | Multiple genes in human 20q13 chromosomal region are involved in an advanced prostate cancer xenograft. Cancer Research, 2002, 62, 6803-7. | 0.9 | 106 |
| 150 | Normal apoptosis levels in mice expressing one Î±7 nicotinic receptor null and one L250T mutant allele. NeuroReport, 2001, 12, 1643-1648. | 1.2 | 13 |
| 151 | First trimester PAPP-A in the detection of non-Down syndrome aneuploidy. Prenatal Diagnosis, 2001, 21, 547-549. | 2.3 | 16 |
| 152 | Effect of fetal gender on first trimester markers and on Down syndrome screening. Prenatal Diagnosis, 2001, 21, 1027-1030. | 2.3 | 40 |
| 153 | Novel mutations in theemerin gene in Israeli families. Human Mutation, 2001, 17, 522-522. | 2.5 | 6 |
| 154 | Familial adenomatous polyposis at the Tel Aviv Medical Center: demographic and clinical features. Familial Cancer, 2001, 1, 75-82. | 1.9 | 14 |
| 155 | The Risk of Fragile X Premutation Expansion Is Lower in Carriers Detected by General Prenatal Screening Than in Carriers from Known Fragile X Families. Genetic Testing and Molecular Biomarkers, 2000, 4, 289-292. | 1.7 | 28 |
| 156 | Altered baroreflex responses in Î±7 deficient mice. Behavioural Brain Research, 2000, 113, 3-10. | 2.2 | 66 |
| 157 | Multiorgan Autonomic Dysfunction in Mice Lacking the Î²2 and the Î²4 Subunits of Neuronal Nicotinic Acetylcholine Receptors. Journal of Neuroscience, 1999, 19, 9298-9305. | 3.6 | 263 |
| 158 | Fetal muscle biopsy as a diagnostic tool in Duchenne muscular dystrophy. , 1999, 19, 921-926. | | 13 |
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