Jan An Haavik

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230 papers	9,971 citations	50 h-index	92 g-index
245 ext. papers	12,902 ext. citations	5.7 avg, IF	5.76 L-index

#	Paper	IF	Citations
230	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. *Nature Genetics*, **2019**, 51, 63-75	36.3	826
229	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
228	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. *Cell*, **2019**, 179, 1469-1482.e11	56.2	402
227	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. *Lancet Psychiatry,the*, **2017**, 4, 310-319	23.3	354
226	The genetics of attention deficit/hyperactivity disorder in adults, a review. *Molecular Psychiatry*, **2012**, 17, 960-87	15.1	246
225	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. *European Neuropsychopharmacology*, **2018**, 28, 1059-1088	1.2	216
224	A common variant of the latrophilin 3 gene, LPHN3, confers susceptibility to ADHD and predicts effectiveness of stimulant medication. *Molecular Psychiatry*, **2010**, 15, 1053-66	15.1	199
223	Occupational outcome in adult ADHD: impact of symptom profile, comorbid psychiatric problems, and treatment: a cross-sectional study of 414 clinically diagnosed adult ADHD patients. *Journal of Attention Disorders*, **2009**, 13, 175-87	3.7	189
222	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5154-E5163	11.5	182
221	Tyrosine hydroxylase and Parkinson's disease. *Molecular Neurobiology*, **1998**, 16, 285-309	6.2	169
220	Dominant Mutations in the Autoimmune Regulator AIRE Are Associated with Common Organ-Specific Autoimmune Diseases. *Immunity*, **2015**, 42, 1185-96	32.3	156
219	Identification of tryptophan hydroxylase as an intestinal autoantigen. *Lancet, The*, **1998**, 352, 279-83	40	146
218	Multicenter analysis of the SLC6A3/DAT1 VNTR haplotype in persistent ADHD suggests differential involvement of the gene in childhood and persistent ADHD. *Neuropsychopharmacology*, **2010**, 35, 656-64	8.7	144
217	Phosphorylation and activation of human tyrosine hydroxylase in vitro by mitogen-activated protein (MAP) kinase and MAP-kinase-activated kinases 1 and 2. *FEBS Journal*, **1993**, 217, 715-22		144
216	Three-dimensional structure of human tryptophan hydroxylase and its implications for the biosynthesis of the neurotransmitters serotonin and melatonin. *Biochemistry*, **2002**, 41, 12569-74	3.2	137
215	Different properties of the central and peripheral forms of human tryptophan hydroxylase. *Journal of Neurochemistry*, **2005**, 92, 311-20	6	122
214	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. *American Journal of Psychiatry*, **2019**, 176, 531-542	11.9	120

213	Pre- and perinatal risk factors in adults with attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2012**, 71, 474-81	7.9	118
212	Adult ADHD and Comorbid Somatic Disease: A Systematic Literature Review. *Journal of Attention Disorders*, **2018**, 22, 203-228	3.7	106
211	The 14-3-3 proteins in regulation of cellular metabolism. *Seminars in Cell and Developmental Biology* , **2011**, 22, 713-9	7.5	106
210	Attention-Deficit/Hyperactivity Disorder in Offspring of Mothers With Inflammatory and Immune System Diseases. *Biological Psychiatry*, **2017**, 81, 452-459	7.9	102
209	Long-term efficacy and safety of treatment with stimulants and atomoxetine in adult ADHD: a review of controlled and naturalistic studies. *European Neuropsychopharmacology*, **2013**, 23, 508-27	1.2	95
208	Identification of protein phosphatase 2A as the major tyrosine hydroxylase phosphatase in adrenal medulla and corpus striatum: evidence from the effects of okadaic acid. *FEBS Letters*, **1989**, 251, 36-42	3.8	93
207	Brain-specific tryptophan hydroxylase 2 (TPH2): a functional Pro206Ser substitution and variation in the 5Sregion are associated with bipolar affective disorder. *Human Molecular Genetics*, **2008**, 17, 87-97	5.6	92
206	The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. *Neuroscience and Biobehavioral Reviews*, **2021**, 128, 789-818	9	92
205	Resonance Raman studies of catecholate and phenolate complexes of recombinant human tyrosine hydroxylase. *Biochemistry*, **1995**, 34, 5504-10	3.2	90
204	Recombinant human tyrosine hydroxylase isozymes. Reconstitution with iron and inhibitory effect of other metal ions. *FEBS Journal*, **1991**, 199, 371-8		89
203	The negative impact of attention-deficit/hyperactivity disorder on occupational health in adults and adolescents. *International Archives of Occupational and Environmental Health*, **2012**, 85, 837-47	3.2	87
202	Clinical assessment and diagnosis of adults with attention-deficit/hyperactivity disorder. *Expert Review of Neurotherapeutics*, **2010**, 10, 1569-80	4.3	87
201	Regulation of tyrosine hydroxylase by stress-activated protein kinases. *Journal of Neurochemistry*, **2002**, 83, 775-83	6	80
200	Pulmonary autoimmunity as a feature of autoimmune polyendocrine syndrome type 1 and identification of KCNRG as a bronchial autoantigen. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 4396-401	11.5	79
199	Mutations in human monoamine-related neurotransmitter pathway genes. *Human Mutation*, **2008**, 29, 891-902	4.7	78
198	Structure/function relationships in human phenylalanine hydroxylase. Effect of terminal deletions on the oligomerization, activation and cooperativity of substrate binding to the enzyme. *FEBS Journal*, **1996**, 242, 813-21		76
197	Regulation of recombinant human tyrosine hydroxylase isozymes by catecholamine binding and phosphorylation. Structure/activity studies and mechanistic implications. *FEBS Journal*, **1992**, 209, 249-55		74
196	Soluble tyrosine hydroxylase (tyrosine 3-monooxygenase) from bovine adrenal medulla: large-scale purification and physicochemical properties. *BBA - Proteins and Proteomics*, **1988**, 953, 142-56		73

195	Conformational properties and stability of tyrosine hydroxylase studied by infrared spectroscopy. Effect of iron/catecholamine binding and phosphorylation. *Journal of Biological Chemistry*, **1996**, 271, 19737-42	5.4	69
194	Identification of tyrosine hydroxylase as an autoantigen in autoimmune polyendocrine syndrome type I. *Biochemical and Biophysical Research Communications*, **2000**, 267, 456-61	3.4	68
193	Generation of reactive oxygen species by tyrosine hydroxylase: a possible contribution to the degeneration of dopaminergic neurons?. *Journal of Neurochemistry*, **1997**, 68, 328-32	6	65
192	Common psychiatric and metabolic comorbidity of adult attention-deficit/hyperactivity disorder: A population-based cross-sectional study. *PLoS ONE*, **2018**, 13, e0204516	3.7	65
191	Genetic analyses of dopamine related genes in adult ADHD patients suggest an association with the DRD5-microsatellite repeat, but not with DRD4 or SLC6A3 VNTRs. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1470-5	3.5	63
190	Discovery of the first genome-wide significant risk loci for ADHD		62
189	pH-dependent release of catecholamines from tyrosine hydroxylase and the effect of phosphorylation of Ser-40. *FEBS Letters*, **1990**, 262, 363-5	3.8	59
188	Genome-wide analysis of attention deficit hyperactivity disorder in Norway. *PLoS ONE*, **2015**, 10, e0122501	3.7	57
187	Interaction of phosphorylated tyrosine hydroxylase with 14-3-3 proteins: evidence for a phosphoserine 40-dependent association. *Journal of Neurochemistry*, **2001**, 77, 1097-107	6	56
186	A structural approach into human tryptophan hydroxylase and its implications for the regulation of serotonin biosynthesis. *Current Medicinal Chemistry*, **2001**, 8, 1077-91	4.3	56
185	Conformation of the substrate and pterin cofactor bound to human tryptophan hydroxylase. Important role of Phe313 in substrate specificity. *Biochemistry*, **2001**, 40, 15591-601	3.2	56
184	Spontaneous mutation in Big Blue transgenic mice: analysis of age, gender, and tissue type. *Environmental and Molecular Mutagenesis*, **1996**, 28, 299-312	3.2	56
183	Bipolar symptoms in adult attention-deficit/hyperactivity disorder: a cross-sectional study of 510 clinically diagnosed patients and 417 population-based controls. *Journal of Clinical Psychiatry*, **2010**, 71, 48-57	4.6	56
182	Association between catechol O-methyltransferase (COMT) haplotypes and severity of hyperactivity symptoms in adults. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 403-10	3.5	51
181	Meta-analysis of brain-derived neurotrophic factor p.Val66Met in adult ADHD in four European populations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 512-523	3.5	51
180	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. *American Journal of Psychiatry*, **2020**, 177, 834-843	11.9	50
179	Activation and stabilization of human tryptophan hydroxylase 2 by phosphorylation and 14-3-3 binding. *Biochemical Journal*, **2008**, 410, 195-204	3.8	50
178	Case-control genome-wide association study of persistent attention-deficit hyperactivity disorder identifies FBXO33 as a novel susceptibility gene for the disorder. *Neuropsychopharmacology*, **2015**, 40, 915-26	8.7	49

177	Case-control study of six genes asymmetrically expressed in the two cerebral hemispheres: association of BAIAP2 with attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2009**, 66, 926-34	7.9	49
176	An international multicenter association study of the serotonin transporter gene in persistent ADHD. *Genes, Brain and Behavior*, **2010**, 9, 449-58	3.6	48
175	Tryptophan as an evolutionarily conserved signal to brain serotonin: Molecular evidence and psychiatric implications. *World Journal of Biological Psychiatry*, **2009**, 10, 258-268	3.8	47
174	Participation of a stress-activated protein kinase cascade in the activation of tyrosine hydroxylase in chromaffin cells. *FEBS Journal*, **1997**, 247, 1180-9		47
173	Adults with attention-deficit/hyperactivity disorder - a diffusion-tensor imaging study of the corpus callosum. *Psychiatry Research - Neuroimaging*, **2012**, 201, 168-73	2.9	46
172	Tryptophan fluorescence of human phenylalanine hydroxylase produced in Escherichia coli. *Biochemistry*, **1995**, 34, 11790-9	3.2	45
171	Arc is a flexible modular protein capable of reversible self-oligomerization. *Biochemical Journal*, **2015**, 468, 145-58	3.8	44
170	Attention Network Test in adults with ADHD--the impact of affective fluctuations. *Behavioral and Brain Functions*, **2011**, 7, 27	4.1	44
169	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. *JAMA Psychiatry*, **2021**, 78, 47-63	14.5	43
168	Selectivity and affinity determinants for ligand binding to the aromatic amino acid hydroxylases. *Current Medicinal Chemistry*, **2007**, 14, 455-67	4.3	41
167	Tetrahydrobiopterin shows chaperone activity for tyrosine hydroxylase. *Journal of Neurochemistry*, **2008**, 106, 672-81	6	40
166	Isolation and characterization of tetrahydropterin oxidation products generated in the tyrosine 3-monooxygenase (tyrosine hydroxylase) reaction. *FEBS Journal*, **1987**, 168, 21-6		40
165	Attention-deficit/hyperactivity disorder symptoms in offspring of mothers with impaired serotonin production. *Archives of General Psychiatry*, **2010**, 67, 1033-43		40
164	Attention-deficit hyperactivity disorder shares copy number variant risk with schizophrenia and autism spectrum disorder. *Translational Psychiatry*, **2019**, 9, 258	8.6	39
163	Rapid and sensitive assay of tyrosine 3-monooxygenase activity by high-performance liquid chromatography using the native fluorescence of DOPA. *Journal of Chromatography A*, **1980**, 198, 511-5	4.5	38
162	Shared genetic background between children and adults with attention deficit/hyperactivity disorder. *Neuropsychopharmacology*, **2020**, 45, 1617-1626	8.7	35
161	A genome-wide association study of bipolar disorder and comorbid migraine. *Genes, Brain and Behavior*, **2010**, 9, 673-80	3.6	35
160	Three-way interaction between 14-3-3 proteins, the N-terminal region of tyrosine hydroxylase, and negatively charged membranes. *Journal of Biological Chemistry*, **2009**, 284, 32758-69	5.4	35

159	Set-shifting in adults with ADHD. *Journal of the International Neuropsychological Society*, **2012**, 18, 728-37	3.1	35
158	Spontaneous mutation frequencies and spectra in p53 (+/+) and p53 (-/-) mice: a test of the Guardian of the genome hypothesis in the Big Blue transgenic mouse mutation detection system. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1997**, 379, 13-20	3.3	35
157	Human tyrosine hydroxylase isoforms. Inhibition by excess tetrahydropterin and unusual behavior of isoform 3 after camp-dependent protein kinase phosphorylation. *Journal of Biological Chemistry*, **1998**, 273, 10196-201	5.4	35
156	Mössbauer, electron-paramagnetic-resonance and X-ray-absorption fine-structure studies of the iron environment in recombinant human tyrosine hydroxylase. *FEBS Journal*, **1996**, 241, 432-9		35
155	Tyrosine and tryptophan hydroxylases as therapeutic targets in human disease. *Expert Opinion on Therapeutic Targets*, **2017**, 21, 167-180	6.4	34
154	Functional studies of tyrosine hydroxylase missense variants reveal distinct patterns of molecular defects in Dopa-responsive dystonia. *Human Mutation*, **2014**, 35, 880-90	4.7	34
153	Effectiveness of one-year pharmacological treatment of adult attention-deficit/hyperactivity disorder (ADHD): an open-label prospective study of time in treatment, dose, side-effects and comorbidity. *European Neuropsychopharmacology*, **2014**, 24, 1873-84	1.2	34
152	The incorporation of divalent metal ions into recombinant human tyrosine hydroxylase apoenzymes studied by intrinsic fluorescence and 1H-NMR spectroscopy. *FEBS Journal*, **1992**, 210, 23-31		34
151	Adult attention deficit hyperactivity disorder is associated with migraine headaches. *European Archives of Psychiatry and Clinical Neuroscience*, **2011**, 261, 595-602	5.1	33
150	EPR and 1H-NMR spectroscopic studies on the paramagnetic iron at the active site of phenylalanine hydroxylase and its interaction with substrates and inhibitors. *FEBS Journal*, **1991**, 198, 675-82		33
149	The impact of cyclothymic temperament in adult ADHD. *Journal of Affective Disorders*, **2012**, 142, 241-7	6.6	32
148	Adult attention deficit hyperactivity disorder is associated with asthma. *BMC Psychiatry*, **2011**, 11, 128	4.2	32
147	Stereoselective effects in the interactions of pterin cofactors with rat-liver phenylalanine 4-monooxygenase. *FEBS Journal*, **1986**, 160, 1-8		32
146	Fluorometric detection of tryptophan, 5-hydroxytryptophan, and 5-hydroxytryptamine (serotonin) in high-performance liquid chromatography. *Analytical Biochemistry*, **1980**, 107, 71-4	3.1	32
145	Genome-wide analyses of aggressiveness in attention-deficit hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 733-47	3.5	32
144	Associations between attention-deficit/hyperactivity disorder and autoimmune diseases are modified by sex: a population-based cross-sectional study. *European Child and Adolescent Psychiatry* , **2018**, 27, 663-675	5.5	31
143	L-DOPA is a substrate for tyrosine hydroxylase. *Journal of Neurochemistry*, **1997**, 69, 1720-8	6	31
142	A loss-of-function mutation in tryptophan hydroxylase 2 segregating with attention-deficit/hyperactivity disorder. *Molecular Psychiatry*, **2008**, 13, 365-7	15.1	31

141	Cooperative homotropic interaction of L-noradrenaline with the catalytic site of phenylalanine 4-monooxygenase. *FEBS Journal*, **1990**, 193, 211-9		31
140	DIRAS2 is associated with adult ADHD, related traits, and co-morbid disorders. *Neuropsychopharmacology*, **2011**, 36, 2318-27	8.7	30
139	Conformation and interaction of phenylalanine with the divalent cation at the active site of human recombinant tyrosine hydroxylase as determined by proton NMR. *Biochemistry*, **1993**, 32, 6381-90	3.2	30
138	Functional properties of missense variants of human tryptophan hydroxylase 2. *Human Mutation*, **2009**, 30, 787-94	4.7	29
137	7-substituted pterins in humans with suspected pterin-4a-carbinolamine dehydratase deficiency. Mechanism of formation via non-enzymatic transformation from 6-substituted pterins. *FEBS Journal*, **1992**, 208, 139-44		29
136	Expression and purification of human tryptophan hydroxylase from Escherichia coli and Pichia pastoris. *Protein Expression and Purification*, **2004**, 33, 185-94	2	28
135	Mutation frequencies but not mutant frequencies in Big Blue mice fit a Poisson distribution. *Environmental and Molecular Mutagenesis*, **1996**, 28, 414-7	3.2	28
134	Pteridin-Dependent Hydroxylases as Autoantigens in Autoimmune Polyendocrine Syndrome Type I. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2944-2950	5.6	27
133	Decorin accumulation contributes to the stromal opacities found in congenital stromal corneal dystrophy **2010**, 51, 5578-82		26
132	Characterization of wild-type and mutant forms of human tryptophan hydroxylase 2. *Journal of Neurochemistry*, **2007**, 100, 1648-57	6	26
131	Pteridin-dependent hydroxylases as autoantigens in autoimmune polyendocrine syndrome type I. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2944-50	5.6	26
130	Urea-induced denaturation of human phenylalanine hydroxylase. *Journal of Biological Chemistry*, **1999**, 274, 33251-8	5.4	26
129	Functional properties of rare missense variants of human CDH13 found in adult attention deficit/hyperactivity disorder (ADHD) patients. *PLoS ONE*, **2013**, 8, e71445	3.7	25
128	Effect of pharmacological chaperones on brain tyrosine hydroxylase and tryptophan hydroxylase 2. *Journal of Neurochemistry*, **2010**, 114, 853-63	6	25
127	Serum concentrations of kynurenines in adult patients with attention-deficit hyperactivity disorder (ADHD): a case-control study. *Behavioral and Brain Functions*, **2015**, 11, 36	4.1	24
126	Adults with attention-deficit/hyperactivity disorder - a brain magnetic resonance spectroscopy study. *Frontiers in Psychiatry*, **2011**, 2, 65	5	24
125	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. *JAMA Psychiatry*, **2020**, 77, 420-430	14.5	24
124	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. *Molecular Psychiatry*, **2020**, 25, 584-602	15.1	24

123	Patterns of Psychiatric Comorbidity and Genetic Correlations Provide New Insights Into Differences Between Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder. *Biological Psychiatry*, **2019**, 86, 587-598	7.9	23
122	Stimulation of hepatic phenylalanine hydroxylase activity but not Pah-mRNA expression upon oral loading of tetrahydrobiopterin in normal mice. *Molecular Genetics and Metabolism*, **2005**, 86 Suppl 1, S153-5	3.7	23
121	Tryptophan as an evolutionarily conserved signal to brain serotonin: molecular evidence and psychiatric implications. *World Journal of Biological Psychiatry*, **2009**, 10, 258-68	3.8	23
120	Mammalian CSAD and GADL1 have distinct biochemical properties and patterns of brain expression. *Neurochemistry International*, **2015**, 90, 173-84	4.4	22
119	A kinetic and conformational study on the interaction of tetrahydropteridines with tyrosine hydroxylase. *Biochemistry*, **2000**, 39, 13676-86	3.2	22
118	Event-Related-Potential (ERP) Correlates of Performance Monitoring in Adults With Attention-Deficit Hyperactivity Disorder (ADHD). *Frontiers in Psychology*, **2018**, 9, 485	3.4	21
117	Personality Traits and Comorbidity in Adults With ADHD. *Journal of Attention Disorders*, **2016**, 20, 845-54	3.7	20
116	Exploring DRD4 and its interaction with SLC6A3 as possible risk factors for adult ADHD: a meta-analysis in four European populations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156B, 600-12	3.5	20
115	SLC2A3 single-nucleotide polymorphism and duplication influence cognitive processing and population-specific risk for attention-deficit/hyperactivity disorder. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2017**, 58, 798-809	7.9	19
114	Novel Loci Associated With Attention-Deficit/Hyperactivity Disorder Are Revealed by Leveraging Polygenic Overlap With Educational Attainment. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2018**, 57, 86-95	7.2	19
113	Adults with Attention Deficit Hyperactivity Disorder Report High Symptom Levels of Troubled Sleep, Restless Legs, and Cataplexy. *Frontiers in Psychology*, **2017**, 8, 1621	3.4	19
112	Vitamin levels in adults with ADHD. *BJPsych Open*, **2016**, 2, 377-384	5	19
111	Epistatic and gene wide effects in YWHA and aromatic amino hydroxylase genes across ADHD and other common neuropsychiatric disorders: Association with YWHAE. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2015**, 168, 423-432	3.5	18
110	Tetrahydrobiopterin binding to aromatic amino acid hydroxylases. Ligand recognition and specificity. *Journal of Medicinal Chemistry*, **2004**, 47, 5962-71	8.3	18
109	Evidence from EPR spectroscopy that phosphorylation of Ser-40 in bovine adrenal tyrosine hydroxylase facilitates the reduction of high-spin Fe(III) under turnover conditions. *FEBS Letters*, **1989**, 258, 9-12	3.8	18
108	Occupational Status Is Compromised in Adults With ADHD and Psychometrically Defined Executive Function Deficits. *Journal of Attention Disorders*, **2019**, 23, 76-86	3.7	18
107	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. *Human Brain Mapping*, **2020**,	5.9	17
106	On the role of NOS1 ex1f-VNTR in ADHD-allelic, subgroup, and meta-analysis. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2015**, 168, 445-458	3.5	17

105	Phosphorylation dependence and stoichiometry of the complex formed by tyrosine hydroxylase and 14-3-3. *Molecular and Cellular Proteomics*, **2014**, 13, 2017-30	7.6	17
104	Cognitive control in adults with attention-deficit/hyperactivity disorder. *Psychiatry Research*, **2011**, 188, 406-10	9.9	17
103	Crystallization and preliminary diffraction analysis of a truncated homodimer of human phenylalanine hydroxylase. *FEBS Letters*, **1997**, 406, 171-4	3.8	17
102	Expression of wild type and mutant forms of human phenylalanine hydroxylase in E. coli. *Advances in Experimental Medicine and Biology*, **1993**, 338, 59-62	3.6	17
101	Isolation and characterization of quinonoid dihydropterins by high-performance liquid chromatography. *Journal of Chromatography A*, **1983**, 257, 361-372	4.5	16
100	DCLK1 variants are associated across schizophrenia and attention deficit/hyperactivity disorder. *PLoS ONE*, **2012**, 7, e35424	3.7	16
99	Decreased serum levels of adiponectin in adult attention deficit hyperactivity disorder. *Psychiatry Research*, **2014**, 216, 123-30	9.9	15
98	Females With ADHD Report More Severe Symptoms Than Males on the Adult ADHD Self-Report Scale. *Journal of Attention Disorders*, **2019**, 23, 959-967	3.7	15
97	Effects of ECT in treatment of depression: study protocol for a prospective neuroradiological study of acute and longitudinal effects on brain structure and function. *BMC Psychiatry*, **2015**, 15, 94	4.2	14
96	DISC1 in adult ADHD patients: an association study in two European samples. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 227-34	3.5	14
95	Bipolar disorder risk alleles in adult ADHD patients. *Genes, Brain and Behavior*, **2011**, 10, 418-23	3.6	14
94	Bi-directional dideoxy fingerprinting (Bi-ddF): rapid and efficient screening for mutations in the Big Blue transgenic mouse mutation detection system. *BioTechniques*, **1996**, 20, 988-90, 992-4	2.5	14
93	Inactivation of purified phenylalanine hydroxylase by dithiothreitol. *Biochemical and Biophysical Research Communications*, **1992**, 182, 92-8	3.4	14
92	Comorbidity of ADHD and adult bipolar disorder: A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2021**, 124, 100-123	9	14
91	Regulation of tyrosine hydroxylase is preserved across different homo- and heterodimeric 14-3-3 proteins. *Amino Acids*, **2016**, 48, 1221-9	3.5	13
90	A systematic intervention to improve patient information routines and satisfaction in a psychiatric emergency unit. *Nordic Journal of Psychiatry*, **2007**, 61, 213-8	2.3	13
89	Phosphorylation of tyrosine hydroxylase in isolated mice adrenal glands. *Annals of the New York Academy of Sciences*, **2002**, 971, 66-8	6.5	13
88	Iron coordination geometry in full-length, truncated, and dehydrated forms of human tyrosine hydroxylase studied by Mössbauer and X-ray absorption spectroscopy. *Journal of Biological Inorganic Chemistry*, **1999**, 4, 223-31	3.7	13

87	Health Care Services for Adults With ADHD: Patient Satisfaction and the Role of Psycho-Education. *Journal of Attention Disorders*, **2019**, 23, 99-108	3.7	13
86	Validity and accuracy of the Adult Attention-Deficit/Hyperactivity Disorder (ADHD) Self-Report Scale (ASRS) and the Wender Utah Rating Scale (WURS) symptom checklists in discriminating between adults with and without ADHD. *Brain and Behavior*, **2020**, 10, e01605	3.4	13
85	Genome wide association study identifies variants in NBEA associated with migraine in bipolar disorder. *Journal of Affective Disorders*, **2015**, 172, 453-61	6.6	12
84	Glutamate cysteine ligase (GCL) and self reported depression: an association study from the HUNT. *Journal of Affective Disorders*, **2011**, 131, 207-13	6.6	12
83	Common variants in the TPH1 and TPH2 regions are not associated with persistent ADHD in a combined sample of 1,636 adult cases and 1,923 controls from four European populations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 1008-15	3.5	12
82	GADL1 is a multifunctional decarboxylase with tissue-specific roles in β-alanine and carnosine production. *Science Advances*, **2020**, 6, eabb3713	14.3	12
81	Investigating Shared Genetic Basis Across Tourette Syndrome and Comorbid Neurodevelopmental Disorders Along the Impulsivity-Compulsivity Spectrum. *Biological Psychiatry*, **2021**, 90, 317-327	7.9	12
80	Verbal Memory Function in Intellectually Well-Functioning Adults With ADHD: Relations to Working Memory and Response Inhibition. *Journal of Attention Disorders*, **2019**, 23, 1188-1198	3.7	11
79	Identification of ADHD risk genes in extended pedigrees by combining linkage analysis and whole-exome sequencing. *Molecular Psychiatry*, **2020**, 25, 2047-2057	15.1	11
78	Druggable genome in attention deficit/hyperactivity disorder and its co-morbid conditions. New avenues for treatment. *Molecular Psychiatry*, **2021**, 26, 4004-4015	15.1	10
77	No association between the serotonin transporter gene polymorphism 5-HTTLPR and cyclothymic temperament as measured by TEMPS-A. *Journal of Affective Disorders*, **2011**, 129, 308-12	6.6	10
76	The effect of electroconvulsive therapy (ECT) on serum tryptophan metabolites. *Brain Stimulation*, **2019**, 12, 1135-1142	5.1	9
75	A phenylalanine hydroxylase amino acid polymorphism with implications for molecular diagnostics. *Molecular Genetics and Metabolism*, **2001**, 73, 280-4	3.7	9
74	The quaternary structure of human tyrosine hydroxylase: effects of dystonia-associated missense variants on oligomeric state and enzyme activity. *Journal of Neurochemistry*, **2019**, 148, 291-306	6	9
73	Implication of the APP Gene in Intellectual Abilities. *Journal of Alzheimer's Disease*, **2017**, 59, 723-735	4.3	8
72	Endogenous tetrahydroisoquinolines associated with Parkinson's disease mimic the feedback inhibition of tyrosine hydroxylase by catecholamines. *FEBS Journal*, **2008**, 275, 2109-21	5.7	8
71	International Consortium on the Genetics of Electroconvulsive Therapy and Severe Depressive Disorders (Gen-ECT-ic). *European Archives of Psychiatry and Clinical Neuroscience*, **2020**, 270, 921-932	5.1	8
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69	Autoantibodies against aromatic amino acid hydroxylases in patients with autoimmune polyendocrine syndrome type 1 target multiple antigenic determinants and reveal regulatory regions crucial for enzymatic activity. *Immunobiology*, **2013**, 218, 899-909	3.4	7
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