Vidar M Steen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/689143/publications.pdf

Version: 2024-02-01

109 papers	10,135 citations	57758 44 h-index	40979 93 g-index
111 all docs	111 docs citations	111 times ranked	16412 citing authors

#	Article	IF	Citations
1	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
2	Dose-dependent transcriptional effects of lithium and adverse effect burden in a psychiatric cohort. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110408.	4.8	6
3	Ask Rosa â€“ The making of a digital genetic conversation tool, a chatbot, about hereditary breast and ovarian cancer. Patient Education and Counseling, 2022, 105, 1488-1494.	2.2	31
4	Association between C-reactive protein levels and antipsychotic treatment during 12Âmonths follow-up period after acute psychosis. Schizophrenia Research, 2022, 241, 174-183.	2.0	3
5	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
6	Genetic control of variability in subcortical and intracranial volumes. Molecular Psychiatry, 2021, 26, 3876-3883.	7.9	6
7	Pragmatic antipsychotics trialâ€”caution in interpretation â€“ Authors' reply. Lancet Psychiatry,the, 2021, 8, 101.	7.4	1
8	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	4.8	24
9	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. Neuropsychopharmacology, 2021, 46, 1788-1801.	5.4	12
10	Transcriptome analysis reveals disparate expression of inflammation-related miRNAs and their gene targets in iPSC-astrocytes from people with schizophrenia. Brain, Behavior, and Immunity, 2021, 94, 235-244.	4.1	17
11	Sex-Specific Effect of Serum Lipids and Body Mass Index on Psychotic Symptoms, a Cross-Sectional Study of First-Episode Psychosis Patients. Frontiers in Psychiatry, 2021, 12, 723158.	2.6	3
12	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
13	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
14	Improvement in verbal learning over the first year of antipsychotic treatment is associated with serum HDL levels in a cohort of first episode psychosis patients. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 49-58.	3.2	8
15	Exploring lithiumâ€™s transcriptional mechanisms of action in bipolar disorder: a multi-step study. Neuropsychopharmacology, 2020, 45, 947-955.	5.4	24
16	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. JAMA Psychiatry, 2020, 77, 420.	11.0	54
17	Amisulpride, aripiprazole, and olanzapine in patients with schizophrenia-spectrum disorders (BeSt) Tj ETQq1 1 0.784314 rgBT /Overlo	7.4	36
18	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450

#	Article	IF	Citations
19	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. American Journal of Human Genetics, 2019, 105, 334-350.	6.2	86
20	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
21	One-Year Treatment with Olanzapine Depot in Female Rats: Metabolic Effects. International Journal of Neuropsychopharmacology, 2019, 22, 358-369.	2.1	13
22	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
23	Associations between C-reactive protein levels and cognition during the first 6 months after acute psychosis. Acta Neuropsychiatrica, 2019, 31, 36-45.	2.1	15
24	Analysis of differentially methylated regions in great apes and extinct hominids provides support for the evolutionary hypothesis of schizophrenia. Schizophrenia Research, 2019, 206, 209-216.	2.0	1
25	Association between serum lipid levels, osteoprotegerin and depressive symptomatology in psychotic disorders. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 795-802.	3.2	17
26	Genetic variation in 117 myelination-related genes in schizophrenia: Replication of association to lipid biosynthesis genes. Scientific Reports, 2018, 8, 6915.	3.3	10
27	Increase in serum HDL level is associated with less negative symptoms after one year of antipsychotic treatment in first-episode psychosis. Schizophrenia Research, 2018, 197, 253-260.	2.0	24
28	Association between olanzapine treatment and brain cortical thickness and gray/white matter contrast is moderated by cholesterol in psychotic disorders. Psychiatry Research - Neuroimaging, 2018, 282, 55-63.	1.8	11
29	Comparison of three variant callers for human whole genome sequencing. Scientific Reports, 2018, 8, 17851.	3.3	61
30	F50. Genetic Architecture of Hippocampal Subfield Volumes: Shared and Specific Influences. Biological Psychiatry, 2018, 83, S257.	1.3	0
31	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
32	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
33	Recently evolved human-specific methylated regionsÂare enriched in schizophrenia signals. BMC Evolutionary Biology, 2018, 18, 63.	3.2	18
34	Expression of TCN1 in Blood is Negatively Associated with Verbal Declarative Memory Performance. Scientific Reports, 2018, 8, 12654.	3.3	14
35	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. Schizophrenia Bulletin, 2017, 43, sbw085.	4.3	56
36	BRCA Testing by Single-Molecule Molecular Inversion Probes. Clinical Chemistry, 2017, 63, 503-512.	3.2	46

#	Article	IF	Citations
37	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. American Journal of Human Genetics, 2017, 100, 737-750.	6.2	35
38	A genetic association study of CSMD1 and CSMD2 with cognitive function. Brain, Behavior, and Immunity, 2017, 61, 209-216.	4.1	49
39	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. Cell Reports, 2017, 21, 2597-2613.	6.4	103
40	Genetic evidence for a role of the SREBP transcription system and lipid biosynthesis in schizophrenia and antipsychotic treatment. European Neuropsychopharmacology, 2017, 27, 589-598.	0.7	33
41	Subchronic olanzapine exposure leads to increased expression of myelination-related genes in rat fronto-medial cortex. Translational Psychiatry, 2017, 7, 1262.	4.8	16
42	Transcriptional, post-transcriptional and chromatin-associated regulation of pri-miRNAs, pre-miRNAs and moRNAs. Nucleic Acids Research, 2016, 44, 3070-3081.	14.5	38
43	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
44	Genetics of structural connectivity and information processing in the brain. Brain Structure and Function, 2016, 221, 4643-4661.	2.3	17
45	RareVariantVis: new tool for visualization of causative variants in rare monogenic disorders using whole genome sequencing data. Bioinformatics, 2016, 32, 3018-3020.	4.1	7
46	BRCA1/2 testing in newly diagnosed breast and ovarian cancer patients without prior genetic counselling: the DNA-BONus study. European Journal of Human Genetics, 2016, 24, 881-888.	2.8	58
47	Conservation of Distinct Genetically-Mediated Human Cortical Pattern. PLoS Genetics, 2016, 12, e1006143.	3.5	15
48	Independent evidence for an association between general cognitive ability and a genetic locus for educational attainment. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 363-373.	1.7	25
49	B56Î´-related protein phosphatase 2A dysfunction identified in patients with intellectual disability. Journal of Clinical Investigation, 2015, 125, 3051-3062.	8.2	91
50	Syndromic X-linked intellectual disability segregating with a missense variant in RLIM. European Journal of Human Genetics, 2015, 23, 1652-1656.	2.8	30
51	Common variants in the ARC gene are not associated withÂcognitive abilities. Brain and Behavior, 2015, 5, e00376.	2.2	7
52	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
53	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	12.8	30
54	Antipsychotic-induced metabolic effects in the female rat: Direct comparison between long-acting injections of risperidone and olanzapine. Journal of Psychopharmacology, 2015, 29, 1280-1289.	4.0	14

#	Article	IF	Citations
55	MicroRNAs enrichment in GWAS of complex human phenotypes. BMC Genomics, 2015, 16, 304.	2.8	24
56	Genetic Basis of a Cognitive Complexity Metric. PLoS ONE, 2015, 10, e0123886.	2.5	22
57	Incident Users of Antipsychotic Agents and Future Use of Cholesterol-Lowering Drugs. Journal of Clinical Psychiatry, 2015, 76, e111-e116.	2.2	10
58	Genetic architecture of cognitive traits. Scandinavian Journal of Psychology, 2014, 55, 255-262.	1.5	16
59	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
60	Serum concentrations of tamoxifen and its metabolites increase with age during steady-state treatment. Breast Cancer Research and Treatment, 2013, 141, 243-248.	2.5	42
61	Neuropsychological Deficits in Mice Depleted of the Schizophrenia Susceptibility Gene CSMD1. PLoS ONE, 2013, 8, e79501.	2.5	64
62	A Genetic Deconstruction of Neurocognitive Traits in Schizophrenia and Bipolar Disorder. PLoS ONE, 2013, 8, e81052.	2.5	20
63	Genome-wide association study identifies genetic loci associated with body mass index and high density lipoprotein-cholesterol levels during psychopharmacological treatment â€" a cross-sectional naturalistic study. Psychiatry Research, 2012, 197, 327-336.	3.3	9
64	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
65	Olanzapine, but not aripiprazole, weight-independently elevates serum triglycerides and activates lipogenic gene expression in female rats. International Journal of Neuropsychopharmacology, 2012, 15, 163-179.	2.1	69
66	Gene-Based Analysis of Regionally Enriched Cortical Genes in GWAS Data Sets of Cognitive Traits and Psychiatric Disorders. PLoS ONE, 2012, 7, e31687.	2.5	40
67	Linkage-Disequilibrium-Based Binning Affects the Interpretation of GWASs. American Journal of Human Genetics, 2012, 90, 727-733.	6.2	44
68	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. Psychopharmacology, 2012, 219, 783-794.	3.1	67
69	DCLK1 Variants Are Associated across Schizophrenia and Attention Deficit/Hyperactivity Disorder. PLoS ONE, 2012, 7, e35424.	2.5	30
70	Association Study of a Variable-Number Tandem Repeat Polymorphism in the Clock GenePERIOD3and Chronotype in Norwegian University Students. Chronobiology International, 2011, 28, 764-770.	2.0	70
71	Candidate Gene Analysis of the Human Natural Killer-1 Carbohydrate Pathway and Perineuronal Nets in Schizophrenia: B3GAT2 Is Associated with Disease Risk and Cortical Surface Area. Biological Psychiatry, 2011, 69, 90-96.	1.3	42
72	The Complement Control-Related Genes CSMD1 and CSMD2 Associate to Schizophrenia. Biological Psychiatry, 2011, 70, 35-42.	1.3	149

#	Article	IF	Citations
73	Lithium differentially affects clock gene expression in serum-shocked NIH-3T3 cells. Journal of Psychopharmacology, 2011, 25, 924-933.	4.0	51
74	Olanzapine-Induced Hyperphagia and Weight Gain Associate with Orexigenic Hypothalamic Neuropeptide Signaling without Concomitant AMPK Phosphorylation. PLoS ONE, 2011, 6, e20571.	2.5	101
75	Upregulation of Immunoglobulinâ€related Genes in Cortical Sections from Multiple Sclerosis Patients. Brain Pathology, 2010, 20, 720-729.	4.1	76
76	Mutations in ABHD12 Cause the Neurodegenerative Disease PHARC: An Inborn Error of Endocannabinoid Metabolism. American Journal of Human Genetics, 2010, 87, 410-417.	6.2	188
77	Gene variants associated with schizophrenia in a Norwegian genome-wide study are replicated in a large European cohort. Journal of Psychiatric Research, 2010, 44, 748-753.	3.1	183
78	Usefulness of factor V Leiden mutation testing in clinical practice. European Journal of Human Genetics, 2010, 18, 862-866.	2.8	13
79	Neurogenetic effects on cognition in aging brains: a window of opportunity for intervention?. Frontiers in Aging Neuroscience, 2010, 2, 143.	3.4	10
80	Switch from Stress Response to Homeobox Transcription Factors in Adipose Tissue After Profound Fat Loss. PLoS ONE, 2010, 5, e11033.	2.5	104
81	Variants in Doublecortin- and Calmodulin Kinase Like 1, a Gene Up-Regulated by BDNF, Are Associated with Memory and General Cognitive Abilities. PLoS ONE, 2009, 4, e7534.	2.5	38
82	Acute clozapine exposure in vivo induces lipid accumulation and marked sequential changes in the expression of SREBP, PPAR, and LXR target genes in rat liver. Psychopharmacology, 2009, 203, 73-84.	3.1	91
83	Psychotropic drugs up-regulate the expression of cholesterol transport proteins including ApoE in cultured human CNS- and liver cells. BMC Pharmacology, 2009, 9, 10.	0.4	52
84	Association of MCTP2 gene variants with schizophrenia in three independent samples of Scandinavian origin (SCOPE). Psychiatry Research, 2009, 168, 256-258.	3.3	24
85	Array-CGH fine mapping of minor and cryptic HR-CGH detected genomic imbalances in 80 out of 590 patients with abnormal development. European Journal of Human Genetics, 2008, 16, 1318-1328.	2.8	11
86	Increased expression of lipid biosynthesis genes in peripheral blood cells of olanzapine-treated patients. International Journal of Neuropsychopharmacology, 2008, 11, 679-84.	2.1	57
87	Comparison of nucleic acid targets prepared from total RNA or poly(A) RNA for DNA oligonucleotide microarray hybridization. Analytical Biochemistry, 2007, 366, 46-58.	2.4	17
88	Associations between cod liver oil use and symptoms of depression: The Hordaland Health Study. Journal of Affective Disorders, 2007, 101, 245-249.	4.1	51
89	Antidepressant drugs activate SREBP and up-regulate cholesterol and fatty acid biosynthesis in human glial cells. Neuroscience Letters, 2006, 395, 185-190.	2.1	54
90	Identification of genes co-upregulated withArcduring BDNF-induced long-term potentiation in adult rat dentate gyrusin vivo. European Journal of Neuroscience, 2006, 23, 1501-1511.	2.6	127

#	Article	IF	Citations
91	SREBP Activation by Antipsychotic- and Antidepressant-Drugs in Cultured Human Liver Cells: Relevance for Metabolic Side-Effects?. Molecular and Cellular Biochemistry, 2006, 289, 167-173.	3.1	94
92	Drug-induced activation of SREBP-controlled lipogenic gene expression in CNS-related cell lines: Marked differences between various antipsychotic drugs. BMC Neuroscience, 2006, 7, 69.	1.9	77
93	Obesity, Dyslipidemia, and Diabetes With Selective Serotonin Reuptake Inhibitors. Journal of Clinical Psychiatry, 2006, 67, 1974-1982.	2.2	149
94	The CYP2C19 genotype and the use of oral contraceptives influence the pharmacokinetics of carisoprodol in healthy human subjects. European Journal of Clinical Pharmacology, 2005, 61, 499-506.	1.9	16
95	Pharmacogenetics of Tardive Dyskinesia Combined Analysis of 780 Patients Supports Association with Dopamine D3 Receptor Gene Ser9Gly Polymorphism. Neuropsychopharmacology, 2002, 27, 105-119.	5.4	217
96	Does inositol signalling have a role in disease susceptibility and drug treatment of bipolar disorder?. Bipolar Disorders, 2002, 4, 53-55.	1.9	0
97	Characterization of two genes, Impa1 and Impa2 encoding mouse myo-inositol monophosphatases. Gene, 2001, 271, 285-291.	2.2	16
98	The phospholipase C-Î³1 gene (PLCG1) and lithium-responsive bipolar disorder: re-examination of an intronic dinucleotide repeat polymorphism. Psychiatric Genetics, 2001, 11, 41-43.	1.1	61
99	Homozygosity for the Gly-9 variant of the dopamine D3 receptor and risk for tardive dyskinesia in schizophrenic patients. International Journal of Neuropsychopharmacology, 2000, 3, 61-65.	2.1	40
100	Genomic Structure and Chromosomal Localization of a Humanmyo-Inositol Monophosphatase Gene (IMPA). Genomics, 1997, 45, 113-122.	2.9	51
101	Ultrarapid metabolizers of debrisoquine: Characterization and PCRâ€based detection of alleles with duplication of the CYP2D6 gene. FEBS Letters, 1996, 392, 30-34.	2.8	181
102	[22] CYP2D6 multiallelism. Methods in Enzymology, 1996, 272, 199-210.	1.0	117
103	Characterization and PCR-based detection of two different hybrid CYP2D7P/CYP2D6 alleles associated with the poor metabolizer phenotype??. Pharmacogenetics and Genomics, 1996, 6, 319-328.	5.7	53
104	Detection of the poor metabolizer-associated CYP2D6(D) gene deletion allele by long-PCR technology. Pharmacogenetics and Genomics, 1995, 5, 215-223.	5.7	248
105	Homologous unequal cross-over involving a 2.8 kb direct repeat as a mechanism for the generation of allelic variants of the human cytochrome P450 CYP2D6 gene. Human Molecular Genetics, 1995, 4, 2251-2257.	2.9	76
106	Evidence that chlorpromazine and prostaglandin E1but not neomycin interfere with the inositol phospholipid metabolism in intact human platelets. FEBS Letters, 1990, 264, 33-36.	2.8	21
107	Potentiation by adrenaline of thrombin-induced elevation of pHiis not essential for synergistic activation of human platelets. FEBS Letters, 1989, 250, 211-214.	2.8	9
108	Neomycin inhibits platelet functions and inositol phospholipid metabolism upon stimulation with thrombin, but not with ionomycin or 12-O-tetradecanoyl-phorbol 13-acetate. FEBS Journal, 1988, 177, 219-223.	0.2	36

#	Article	IF	Citations
109	Current aspects on human platelet activation and responses. European Journal of Haematology, 1987, 38, 383-399.	2.2	44