

# Benjamin S Pickard

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,805  
citations

236612

25  
h-index

288905

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4091  
citing authors

#	ARTICLE	IF	CITATIONS
1	DISC1 and PDE4B Are Interacting Genetic Factors in Schizophrenia That Regulate cAMP Signaling. <i>Science</i> , 2005, 310, 1187-1191.	6.0	605
2	Imprinting Mechanisms. <i>Genome Research</i> , 1998, 8, 881-900.	2.4	275
3	SUSPECTS: enabling fast and effective prioritization of positional candidates. <i>Bioinformatics</i> , 2006, 22, 773-774.	1.8	222
4	Speeding disease gene discovery by sequence based candidate prioritization. <i>BMC Bioinformatics</i> , 2005, 6, 55.	1.2	208
5	Association of Neuregulin 1 with schizophrenia and bipolar disorder in a second cohort from the Scottish population. <i>Molecular Psychiatry</i> , 2007, 12, 94-104.	4.1	112
6	Chromosomal abnormalities and mental illness. <i>Molecular Psychiatry</i> , 2003, 8, 275-287.	4.1	111
7	Cytogenetic and genetic evidence supports a role for the kainate-type glutamate receptor gene, GRIK4, in schizophrenia and bipolar disorder. <i>Molecular Psychiatry</i> , 2006, 11, 847-857.	4.1	105
8	A Cytogenetic Abnormality and Rare Coding Variants Identify ABCA13 as a Candidate Gene in Schizophrenia, Bipolar Disorder, and Depression. <i>American Journal of Human Genetics</i> , 2009, 85, 833-846.	2.6	102
9	The PDE4B gene confers sex-specific protection against schizophrenia. <i>Psychiatric Genetics</i> , 2007, 17, 129-133.	0.6	88
10	Disrupted in schizophrenia 1 and phosphodiesterase 4B: towards an understanding of psychiatric illness. <i>Journal of Physiology</i> , 2007, 584, 401-405.	1.3	88
11	Serine Proteases in Rodent Hippocampus. <i>Journal of Biological Chemistry</i> , 1998, 273, 23004-23011.	1.6	79
12	Disruption of a brain transcription factor, NPAS3, is associated with schizophrenia and learning disability. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 136B, 26-32.	1.1	74
13	PEGylation of polypropylenimine dendrimers: effects on cytotoxicity, DNA condensation, gene delivery and expression in cancer cells. <i>Scientific Reports</i> , 2018, 8, 9410.	1.6	57
14	Epigenetic targeting in the mouse zygote marks DNA for later methylation: a mechanism for maternal effects in development. <i>Mechanisms of Development</i> , 2001, 103, 35-47.	1.7	53
15	Disrupted-in-Schizophrenia-1. <i>Current Psychiatry Reports</i> , 2008, 10, 140-147.	2.1	47
16	Quantification of global mitochondrial DNA methylation levels and inverse correlation with age at two CpG sites. <i>Aging</i> , 2016, 8, 636-641.	1.4	46
17	The NPAS3 gene: emerging evidence for a role in psychiatric illness. <i>Annals of Medicine</i> , 2006, 38, 439-448.	1.5	43
18	Schizophrenia biomarkers: Translating the descriptive into the diagnostic. <i>Journal of Psychopharmacology</i> , 2015, 29, 138-143.	2.0	42

#	ARTICLE	IF	CITATIONS
19	Association analysis of the chromosome 4p15â€“p16 candidate region for bipolar disorder and schizophrenia. <i>Molecular Psychiatry</i> , 2007, 12, 1011-1025.	4.1	39
20	Enhanced gene expression in the brain following intravenous administration of lactoferrin-bearing polypropylenimine dendriplex. <i>Journal of Controlled Release</i> , 2015, 217, 235-242.	4.8	39
21	A 4q35.2 subtelomeric deletion identified in a screen of patients with co-morbid psychiatric illness and mental retardation. <i>BMC Medical Genetics</i> , 2004, 5, 21.	2.1	35
22	Rare copy number variants in neuropsychiatric disorders: Specific phenotype or not?. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 812-822.	1.1	34
23	Homozygosity mapping in a family presenting with schizophrenia, epilepsy and hearing impairment. <i>European Journal of Human Genetics</i> , 2008, 16, 750-758.	1.4	31
24	Progress in defining the biological causes of schizophrenia. <i>Expert Reviews in Molecular Medicine</i> , 2011, 13, e25.	1.6	29
25	Metabolomic Profiling of Post-Mortem Brain Reveals Changes in Amino Acid and Glucose Metabolism in Mental Illness Compared with Controls. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 106-116.	1.9	29
26	A novel balanced chromosomal translocation found in subjects with schizophrenia and schizotypal personality disorder: Altered l-serine level associated with disruption of PSAT1 gene expression. <i>Neuroscience Research</i> , 2011, 69, 154-160.	1.0	26
27	Cytogenetics and gene discovery in psychiatric disorders. <i>Pharmacogenomics Journal</i> , 2005, 5, 81-88.	0.9	25
28	GRIK4/KA1 protein expression in human brain and correlation with bipolar disorder risk variant status. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 21-29.	1.1	23
29	Unbalanced whole arm translocation resulting in loss of 18p in dystonia. <i>Movement Disorders</i> , 2006, 21, 859-863.	2.2	22
30	The EpiTect Methyl qPCR Assay as novel age estimation method in forensic biology. <i>Forensic Science International</i> , 2016, 264, 132-138.	1.3	21
31	Copy Number Variations in DISC1 and DISC1-Interacting Partners in Major Mental Illness. <i>Molecular Neuropsychiatry</i> , 2015, 1, 175-190.	3.0	17
32	A genome wide survey supports the involvement of large copy number variants in schizophrenia with and without intellectual disability. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 847-854.	1.1	16
33	Genomics of Lithium Action and Response. <i>Neurotherapeutics</i> , 2017, 14, 582-587.	2.1	15
34	Chromosomal abnormalities and psychosis. <i>British Journal of Psychiatry</i> , 2006, 188, 501-503.	1.7	13
35	SOX11 target genes: implications for neurogenesis and neuropsychiatric illness. <i>Acta Neuropsychiatrica</i> , 2012, 24, 16-25.	1.0	10
36	A Dominant Modifier of Transgene Methylation Is Mapped by QTL Analysis to Mouse Chromosome 13. <i>Genome Research</i> , 2001, 11, 382-388.	2.4	9

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37	Multiplex amplicon quantification screening the ABCA13 gene for copy number variation in schizophrenia and bipolar disorder. <i>Psychiatric Genetics</i> , 2012, 22, 269-270.	0.6	8
38	A gene trap mutagenesis screen for genes underlying cellular response to the mood stabilizer lithium. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 657-663.	1.6	4
39	Specialized Information Processing Deficits and Distinct Metabolomic Profiles Following TM-Domain Disruption of Nrg1. <i>Schizophrenia Bulletin</i> , 2017, 43, 1100-1113.	2.3	2
40	Chapter 2.2.3 Brain region-specific genes: the hippocampus. <i>Handbook of Behavioral Neuroscience</i> , 1999, , 212-224.	0.0	1