Kieran C Murphy

List of Publications by Year
in descending order

108 papers	9,698 citations	57758 44 h-index	42399 92 g-index
119 all docs	119 docs citations	119 times ranked	11731 citing authors

#	Article	IF	Citations
1	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	27.8	929
3	High Rates of Schizophrenia in Adults With Velo-Cardio-Facial Syndrome. Archives of General Psychiatry, 1999, 56, 940.	12.3	928
4	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	21.4	838
5	Psychiatric Disorders From Childhood to Adulthood in 22q11.2 Deletion Syndrome: Results From the International Consortium on Brain and Behavior in 22q11.2 Deletion Syndrome. American Journal of Psychiatry, 2014, 171, 627-639.	7.2	645
6	Tbx1 haploinsufficiency is linked to behavioral disorders in mice and humans: Implications for 22q11 deletion syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7729-7734.	7.1	289
7	Schizophrenia and velo-cardio-facial syndrome. Lancet, The, 2002, 359, 426-430.	13.7	264
8	Remission and recovery from first-episode psychosis in adults: systematic review and meta-analysis of long-term outcome studies. British Journal of Psychiatry, 2017, 211, 350-358.	2.8	239
9	3D analysis of facial morphology. American Journal of Medical Genetics Part A, 2004, 126A, 339-348.	2.4	192
10	Brain and behaviour in children with 22q11.2 deletion syndrome: a volumetric and voxel-based morphometry MRI study. Brain, 2006, 129, 1218-1228.	7.6	165
11	Structural brain abnormalities associated with deletion at chromosome 22q11. British Journal of Psychiatry, 2001, 178, 412-419.	2.8	156
12	Brain Anatomy in Adults With Velocardiofacial Syndrome With and WithoutSchizophrenia. Archives of General Psychiatry, 2004, 61, 1085.	12.3	140
13	In Vivo¹H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189-2192.	7.2	138
14	Asperger Syndrome. Archives of General Psychiatry, 2002, 59, 885.	12.3	134
15	Discriminating Power of Localized Three-Dimensional Facial Morphology. American Journal of Human Genetics, 2005, 77, 999-1010.	6.2	133
16	Anti-N-methyl-d-aspartate receptor encephalitis: review of clinical presentation, diagnosis and treatment. BJPsych Bulletin, 2015, 39, 19-23.	1.1	128
17	Large-scale mapping of cortical alterations in 22q11.2 deletion syndrome: Convergence with idiopathic psychosis and effects of deletion size. Molecular Psychiatry, 2020, 25, 1822-1834.	7.9	122
18	A neuropsychological investigation of male premutation carriers of fragile X syndrome. Neuropsychologia, 2004, 42, 1934-1947.	1.6	119

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19	In Vivo<char aid="99756086" id="sup"> 1</char>H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189.	7.2	117
20	An Event Related Functional Magnetic Resonance Imaging Study of Facial Emotion Processing in Asperger Syndrome. Biological Psychiatry, 2007, 62, 207-217.	1.3	97
21	Occurrence and co-occurrence of hallucinations by modality in schizophrenia-spectrum disorders. Psychiatry Research, 2017, 252, 154-160.	3.3	96
22	Anti-NMDA receptor encephalitis: an important differential diagnosis in psychosis. British Journal of Psychiatry, 2011, 199, 508-509.	2.8	94
23	Using common genetic variation to examine phenotypic expression and risk prediction in 22q11.2 deletion syndrome. Nature Medicine, 2020, 26, 1912-1918.	30.7	90
24	Psychosis and autism: magnetic resonance imaging study of brain anatomy. British Journal of Psychiatry, 2009, 194, 418-425.	2.8	87
25	Genetic contributors to risk of schizophrenia in the presence of a 22q11.2 deletion. Molecular Psychiatry, 2021, 26, 4496-4510.	7.9	87
26	Cognitive deficits associated with schizophrenia in velo-cardio-facial syndrome. Schizophrenia Research, 2004, 70, 223-232.	2.0	83
27	Further evidence for high rates of schizophrenia in 22q11.2 deletion syndrome. Schizophrenia Research, 2014, 153, 231-236.	2.0	83
28	Brain structural differences associated with the behavioural phenotype in children with Williams syndrome. Brain Research, 2009, 1258, 96-107.	2.2	81
29	Rare Genome-Wide Copy Number Variation and Expression of Schizophrenia in 22q11.2 Deletion Syndrome. American Journal of Psychiatry, 2017, 174, 1054-1063.	7.2	77
30	The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. Brain, 2004, 127, 2672-2681.	7.6	74
31	DNA methylation meta-analysis reveals cellular alterations in psychosis and markers of treatment-resistant schizophrenia. ELife, 2021, 10, .	6.0	72
32	White matter integrity in Asperger syndrome: a preliminary diffusion tensor magnetic resonance imaging study in adults. Autism Research, 2010, 3, 203-213.	3.8	71
33	Executive Functions and Memory Abilities in Children With 22q11.2 Deletion Syndrome. Australian and New Zealand Journal of Psychiatry, 2010, 44, 364-371.	2.3	69
34	Candidate genes and the behavioral phenotype in 22q11.2 deletion syndrome. Developmental Disabilities Research Reviews, 2008, 14, 26-34.	2.9	68
35	Factor analysis of schizophrenic symptoms using the OPCRIT checklist. Schizophrenia Research, 1996, 22, 233-239.	2.0	67
36	Strong evidence that GNB1L is associated with schizophrenia. Human Molecular Genetics, 2008, 17, 555-566.	2.9	64

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37	An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2015, 7, 1.	3.1	64
38	A genomewide linkage study of age at onset in schizophrenia. American Journal of Medical Genetics Part A, 2001, 105, 439-445.	2.4	63
39	In vivo brain anatomy of adult males with Fragile X syndrome: An MRI study. NeuroImage, 2011, 54, 16-24.	4.2	63
40	Mapping Subcortical Brain Alterations in 22q11.2 Deletion Syndrome: Effects of Deletion Size and Convergence With Idiopathic Neuropsychiatric Illness. American Journal of Psychiatry, 2020, 177, 589-600.	7.2	55
41	Hippocampal Myo-inositol and Cognitive Ability in Adults With Down Syndrome. Archives of General Psychiatry, 2005, 62, 1360.	12.3	52
42	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. JAMA Psychiatry, 2016, 73, 497.	11.0	51
43	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. Molecular Psychiatry, 2020, 25, 2818-2831.	7.9	50
44	A cross-sectional study of the prevalence of psychopathology in adults with congenital heart disease. Journal of Psychosomatic Research, 2002, 52, 65-68.	2.6	49
45	Is theory of mind related to social dysfunction and emotional problems in 22q11.2 deletion syndrome (velo-cardio-facial syndrome)?. Journal of Neurodevelopmental Disorders, 2011, 3, 152-161.	3.1	49
46	CAG repeat length in the hKCa3 gene and symptom dimensions in schizophrenia. Biological Psychiatry, 1999, 45, 1592-1596.	1.3	47
47	Minor Physical Anomalies and their Relationship to the Aetiology of Schizophrenia. British Journal of Psychiatry, 1996, 168, 139-142.	2.8	45
48	Complete Sequence of the 22q11.2 Allele in 1,053 Subjects with 22q11.2 Deletion Syndrome Reveals Modifiers of Conotruncal Heart Defects. American Journal of Human Genetics, 2020, 106, 26-40.	6.2	42
49	No Association Between the Putative Functional ZDHHC8 Single Nucleotide Polymorphism rs175174 and Schizophrenia in Large European Samples. Biological Psychiatry, 2005, 58, 78-80.	1.3	41
50	Psychiatric and neuropsychological profiles of people with psychogenic nonepileptic seizures. Epilepsy and Behavior, 2015, 43, 39-45.	1.7	41
51	Analysis of ProDH, COMT and ZDHHC8 risk variants does not support individual or interactive effects on schizophrenia susceptibility. Schizophrenia Research, 2006, 87, 21-27.	2.0	39
52	White matter microstructure in 22q11 deletion syndrome: a pilot diffusion tensor imaging and voxel-based morphometry study of children and adolescents. Journal of Neurodevelopmental Disorders, 2010, 2, 77-92.	3.1	38
53	An inherited duplication at the gene p21 Protein-Activated Kinase 7 (PAK7) is a risk factor for psychosis. Human Molecular Genetics, 2014, 23, 3316-3326.	2.9	37
54	The new genetics of schizophrenia. Psychiatric Clinics of North America, 2003, 26, 41-63.	1.3	35

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55	Autistic-spectrum disorders: lessons from neuroimaging. British Journal of Psychiatry, 2005, 187, 395-397.	2.8	34
56	Processing facial emotions in adults with velo-cardio-facial syndrome: functional magnetic resonance imaging. British Journal of Psychiatry, 2006, 189, 560-561.	2.8	34
57	Variance of IQ is partially dependent on deletion type among 1,427 22q11.2 deletion syndrome subjects. American Journal of Medical Genetics, Part A, 2018, 176, 2172-2181.	1.2	33
58	A comparative study of cognition and brain anatomy between two neurodevelopmental disorders: 22q11.2 deletion syndrome and Williams syndrome. Neuropsychologia, 2009, 47, 1034-1044.	1.6	32
59	Visuospatial working memory in children and adolescents with 22q11.2 deletion syndrome; an fMRI study. Journal of Neurodevelopmental Disorders, 2009, 1, 46-60.	3.1	32
60	PEMapper and PECaller provide a simplified approach to whole-genome sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1923-E1932.	7.1	31
61	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
62	Dementia in Downâ€™s syndrome: an MRI comparison with Alzheimerâ€™s disease in the general population. Journal of Neurodevelopmental Disorders, 2013, 5, 19.	3.1	28
63	Maturation of limbic regions in Asperger syndrome: A preliminary study using proton magnetic resonance spectroscopy and structural magnetic resonance imaging. Psychiatry Research - Neuroimaging, 2010, 184, 77-85.	1.8	27
64	Down syndrome with and without dementia: An in vivo proton Magnetic Resonance Spectroscopy study with implications for Alzheimer's disease. NeuroImage, 2011, 57, 63-68.	4.2	27
65	Tobacco smoking and nicotine dependence in first episode and established psychosis. Asian Journal of Psychiatry, 2019, 43, 125-131.	2.0	25
66	Hepatitis, Interstitial Nephritis, and Pancreatitis in Association With Clozapine Treatment. Journal of Clinical Psychopharmacology, 2018, 38, 520-527.	1.4	24
67	Relationship between reaction time, fine motor control, and visualâ€“spatial perception on vigilance and visual-motor tasks in 22q11.2 Deletion Syndrome. Research in Developmental Disabilities, 2012, 33, 1495-1502.	2.2	23
68	Visual perception and processing in children with 22q11.2 deletion syndrome: associations with social cognition measures of face identity and emotion recognition. Journal of Neurodevelopmental Disorders, 2016, 8, 30.	3.1	22
69	Schizophrenia twoâ€hit hypothesis in veloâ€cardio facial syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 177-182.	1.7	21
70	The molecular genetics of schizophrenia. Journal of Molecular Neuroscience, 1996, 7, 147-157.	2.3	17
71	COMT Val¹⁵⁸met genotype and striatal D_{2/3} receptor binding in adults with 22q11 deletion syndrome. Synapse, 2011, 65, 967-970.	1.2	17
72	Craniofacial dysmorphology in 22q11.2 deletion syndrome by 3D laser surface imaging and geometric morphometrics: Illuminating the developmental relationship to risk for psychosis. American Journal of Medical Genetics, Part A, 2015, 167, 529-536.	1.2	17

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73	Schizophrenia, CATCH 22 and FISH. British Journal of Psychiatry, 1996, 168, 397-398.	2.8	17
74	Migraine: another headache for psychiatrists?. British Journal of Psychiatry, 2004, 185, 191-193.	2.8	16
75	The cognitive spectrum in velo-cardio-facial syndrome. , 2005, , 147-164.		16
76	Expanded CAG/CTG Repeats in Schizophrenia. British Journal of Psychiatry, 1996, 169, 766-771.	2.8	15
77	Phenotype evaluation and genomewide linkage study of clinical variables in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 929-940.	1.7	14
78	Serum Prolactin and Bone Mineral Density in Schizophrenia: A Systematic Review. Clinical Psychopharmacology and Neuroscience, 2019, 17, 333-342.	2.0	13
79	A normative chart for cognitive development in a genetically selected population. Neuropsychopharmacology, 2022, 47, 1379-1386.	5.4	12
80	Speech and language disorders in velo-cardio-facial syndrome. , 2005, , 181-199.		11
81	Subtypes in 22q11.2 deletion syndrome associated with behaviour and neurofacial morphology. Research in Developmental Disabilities, 2013, 34, 116-125.	2.2	11
82	Prioritizing Genetic Contributors to Cortical Alterations in 22q11.2 Deletion Syndrome Using Imaging Transcriptomics. Cerebral Cortex, 2021, 31, 3285-3298.	2.9	10
83	Hippocampal glutamate-glutamine (Glx) in adults with Down syndrome: a preliminary study using in vivo proton magnetic resonance spectroscopy (1H MRS). Journal of Neurodevelopmental Disorders, 2014, 6, 42.	3.1	9
84	Multimodal MRI reveals structural connectivity differences in 22q11 deletion syndrome related to impaired spatial working memory. Human Brain Mapping, 2016, 37, 4689-4705.	3.6	8
85	Simple Schizophrenia. Journal of Nervous and Mental Disease, 2019, 207, 721-725.	1.0	8
86	Palatal anomalies and velopharyngeal dysfunction associated with velo-cardio-facial syndrome. , 2005, , 83-104.		7
87	Failure to confirm association between PIK4CA and psychosis in 22q11.2 deletion syndrome. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 980-982.	1.7	7
88	Recent developments in understanding the relationship between 22q11.2 deletion syndrome and psychosis. Current Opinion in Psychiatry, 2019, 32, 67-72.	6.3	7
89	Congenital cardiovascular disease and velo-cardio-facial syndrome. , 2005, , 47-82.		6
90	Autoantibodies and Psychosis. Current Topics in Behavioral Neurosciences, 2019, 44, 85-123.	1.7	6

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91	Neuroimaging in velo-cardio-facial syndrome. , 2005, , 165-180.		5
92	Quality of Life and Functioning One Year After Experiencing Accumulated Coercive Events During Psychiatric Admission. Psychiatric Services, 2015, 66, 883-887.	2.0	5
93	Immunodeficiency in velo-cardio-facial syndrome. , 2005, , 123-134.		4
94	Psychogenic non-epileptic seizures in an Irish tertiary referral centre for epilepsy. Irish Journal of Psychological Medicine, 2009, 26, 174-178.	1.0	4
95	Polydactyly and psychosis. British Journal of Psychiatry, 1998, 172, 184-185.	2.8	3
96	Behavioral and psychiatric disorder in velo-cardio-facial syndrome. , 2005, , 135-146.		3
97	Fragile X syndrome: a pilot proton magnetic resonance spectroscopy study in premutation carriers. Journal of Neurodevelopmental Disorders, 2012, 4, 23.	3.1	3
98	Molecular genetics of velo-cardio-facial syndrome. , 2005, , 19-46.		2
99	Implication of rates of referral to a specialised inpatient neuropsychiatry team. Irish Journal of Psychological Medicine, 2009, 26, 187-190.	1.0	2
100	Undergraduate learning in psychiatry: can we prepare our future medical graduates better?. Irish Journal of Psychological Medicine, 2020, 37, 73-76.	1.0	2
101	Schizophrenia, lung cancer and glutathione-S-transferase-Î¼. Irish Journal of Psychological Medicine, 1996, 13, 138-139.	1.0	0
102	Schizophrenia and velocardio-facial syndrome. Lancet, The, 2002, 360, 722.	13.7	0
103	Nephro-urologic, gastrointestinal, and ophthalmic findings. , 2005, , 105-122.		0
104	Family issues. , 2005, , 219-229.		0
105	Schizophrenia: common perceptions - Schizophrenia: Challenging the Orthodox. Edited by C McDonald, K Schultze, R Murray and P Wright. (221 pages; Â£39.95; ISBN 1841843776 pb.) Taylor & Francis: Basingstoke, UK. 2004.. Irish Journal of Psychological Medicine, 2006, 23, 42-42.	1.0	0
106	Catatonia â€“ case report and review. Irish Journal of Psychological Medicine, 2010, 27, 205-209.	1.0	0
107	ISDN2014_0211: An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. International Journal of Developmental Neuroscience, 2015, 47, 63-63.	1.6	0
108	Velo-Cardio-Facial Syndrome/22q11 Deletion Syndrome. , 0, , 219-238.		0