

Graham K Murray

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

6,915
citations

57631

44
h-index

69108

77
g-index

150
all docs

150
docs citations

150
times ranked

8003
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Circuitry of Salience and Reward Processing in Psychosis. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 33-46.	1.0	21
2	Arts-based methods for hallucination research. <i>Cognitive Neuropsychiatry</i> , 2022, 27, 199-218.	0.7	2
3	Facial Emotion Recognition in Psychosis and Associations With Polygenic Risk for Schizophrenia: Findings From the Multi-Center EU-GEI Case-Control Study. <i>Schizophrenia Bulletin</i> , 2022, 48, 1104-1114.	2.3	9
4	Acute psychosis following propofol in a patient with Parkinson disease: Effects of a Î³-aminobutyric acid dopamine imbalance. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 273-274.	1.0	1
5	Precision weighting of cortical unsigned prediction error signals benefits learning, is mediated by dopamine, and is impaired in psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 5320-5333.	4.1	53
6	Jumping to conclusions, general intelligence, and psychosis liability: findings from the multi-centre EU-GEI case-control study. <i>Psychological Medicine</i> , 2021, 51, 623-633.	2.7	34
7	Inflammatory and cardiometabolic markers at presentation with first episode psychosis and long-term clinical outcomes: A longitudinal study using electronic health records. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 117-127.	2.0	13
8	GWAS of peptic ulcer disease implicates <i>Helicobacter pylori</i> infection, other gastrointestinal disorders and depression. <i>Nature Communications</i> , 2021, 12, 1146.	5.8	93
9	The impact of the COVID-19 pandemic on mental health in the general population: a comparison between Germany and the UK. <i>BMC Psychology</i> , 2021, 9, 60.	0.9	61
10	The progression of disorder-specific brain pattern expression in schizophrenia over 9 years. <i>NPJ Schizophrenia</i> , 2021, 7, 32.	2.0	10
11	Subjective Impact of the COVID-19 Pandemic on Schizotypy and General Mental Health in Germany and the United Kingdom, for Independent Samples in May and in October 2020. <i>Frontiers in Psychology</i> , 2021, 12, 667848.	1.1	5
12	Grey and white matter microstructure is associated with polygenic risk for schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 7709-7718.	4.1	37
13	Towards Deciphering the Fetal Foundation of Normal Cognition and Cognitive Symptoms From Sulcation of the Cortex. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 712862.	0.9	17
14	Cost Evaluation During Decision-Making in Patients at Early Stages of Psychosis. <i>Computational Psychiatry</i> , 2020, 3, 18.	1.1	19
15	Evidence in cortical folding patterns for prenatal predispositions to hallucinations in schizophrenia. <i>Translational Psychiatry</i> , 2020, 10, 387.	2.4	17
16	Altered subcortical emotional salience processing differentiates Parkinson's patients with and without psychotic symptoms. <i>NeuroImage: Clinical</i> , 2020, 27, 102277.	1.4	8
17	Reinforcement learning as an intermediate phenotype in psychosis? Deficits sensitive to illness stage but not associated with polygenic risk of schizophrenia in the general population. <i>Schizophrenia Research</i> , 2020, 222, 389-396.	1.1	16
18	Influence of prior beliefs on perception in early psychosis: Effects of illness stage and hierarchical level of belief. <i>Journal of Abnormal Psychology</i> , 2020, 129, 581-598.	2.0	27

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19	Author's reply. British Journal of Psychiatry, 2020, 217, 458-458.	1.7	0
20	Reward anticipation in individuals with subclinical psychotic experiences: A functional MRI approach. European Neuropsychopharmacology, 2019, 29, 1374-1385.	0.3	1
21	Dopaminergic drug treatment remediates exaggerated cingulate prediction error responses in obsessive-compulsive disorder. Psychopharmacology, 2019, 236, 2325-2336.	1.5	33
22	Meta-analytic Evidence for the Plurality of Mechanisms in Transdiagnostic Structural MRI Studies of Hallucination Status. EClinicalMedicine, 2019, 8, 57-71.	3.2	29
23	Severe mood disorders and schizophrenia in the adult offspring of antenatally depressed mothers in the Northern Finland 1966 Birth Cohort: Relationship to parental severe mental disorder. Journal of Affective Disorders, 2019, 249, 63-72.	2.0	11
24	Novel genome-wide associations for anhedonia, genetic correlation with psychiatric disorders, and polygenic association with brain structure. Translational Psychiatry, 2019, 9, 327.	2.4	56
25	Towards a Unifying Cognitive, Neurophysiological, and Computational Neuroscience Account of Schizophrenia. Schizophrenia Bulletin, 2019, 45, 1092-1100.	2.3	83
26	Polygenic Risk Score for Schizophrenia and Face-Processing Network in Young Adulthood. Schizophrenia Bulletin, 2019, 45, 835-845.	2.3	7
27	Smoking hot: adolescent smoking and the risk of psychosis. Acta Psychiatrica Scandinavica, 2018, 138, 5-14.	2.2	49
28	Adolescent cannabis use, baseline prodromal symptoms and the risk of psychosis. British Journal of Psychiatry, 2018, 212, 227-233.	1.7	72
29	Brain responses to different types of salience in antipsychotic naïve first episode psychosis: An fMRI study. Translational Psychiatry, 2018, 8, 196.	2.4	24
30	Adolescent inhalant use and psychosis risk – a prospective longitudinal study. Schizophrenia Research, 2018, 201, 360-366.	1.1	13
31	Cognition, psychosis risk and metabolic measures in two adolescent birth cohorts. Psychological Medicine, 2018, 48, 2609-2623.	2.7	7
32	Abnormal reward prediction-error signalling in antipsychotic naïve individuals with first-episode psychosis or clinical risk for psychosis. Neuropsychopharmacology, 2018, 43, 1691-1699.	2.8	60
33	Antipsychotic and benzodiazepine use and brain morphology in schizophrenia and affective psychoses – Systematic reviews and birth cohort study. Psychiatry Research - Neuroimaging, 2018, 281, 43-52.	0.9	3
34	Lifetime antipsychotic medication and cognitive performance in schizophrenia at age 43 years in a general population birth cohort. Psychiatry Research, 2017, 247, 130-138.	1.7	68
35	Long-term antipsychotic and benzodiazepine use and brain volume changes in schizophrenia: The Northern Finland Birth Cohort 1966 study. Psychiatry Research - Neuroimaging, 2017, 266, 73-82.	0.9	21
36	Early adversity and brain response to faces in young adulthood. Human Brain Mapping, 2017, 38, 4470-4478.	1.9	10

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37	Long-term antipsychotic use and brain changes in schizophrenia - a systematic review and meta-analysis. <i>Human Psychopharmacology</i> , 2017, 32, e2574.	0.7	69
38	Lifetime use of psychiatric medications and cognition at 43 years of age in schizophrenia in the Northern Finland Birth Cohort 1966. <i>European Psychiatry</i> , 2017, 45, 50-58.	0.1	9
39	922. Reward Anticipation in Early Expression of Psychotic Disorder: A Functional MRI Approach. <i>Biological Psychiatry</i> , 2017, 81, S373.	0.7	1
40	Serum C-reactive protein in adolescence and risk of schizophrenia in adulthood: A prospective birth cohort study. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 253-259.	2.0	100
41	Adolescent Major Depressive Disorder: Neuroimaging Evidence of Sex Difference during an Affective Go/No-Go Task. <i>Frontiers in Psychiatry</i> , 2017, 8, 119.	1.3	18
42	Cortical and Striatal Reward Processing in Parkinson's Disease Psychosis. <i>Frontiers in Neurology</i> , 2017, 8, 156.	1.1	9
43	Default Mode Network Aberrant Connectivity Associated with Neurological Soft Signs in Schizophrenia Patients and Unaffected Relatives. <i>Frontiers in Psychiatry</i> , 2017, 8, 298.	1.3	29
44	Abnormal Frontostriatal Activity During Unexpected Reward Receipt in Depression and Schizophrenia: Relationship to Anhedonia. <i>Neuropsychopharmacology</i> , 2016, 41, 2001-2010.	2.8	78
45	Smoking in pregnancy, adolescent mental health and cognitive performance in young adult offspring: results from a matched sample within a Finnish cohort. <i>BMC Psychiatry</i> , 2016, 16, 430.	1.1	19
46	Brain structural changes in women and men during midlife. <i>Neuroscience Letters</i> , 2016, 615, 107-112.	1.0	15
47	Predictors of Long-Term Change in Adult Cognitive Performance: Systematic Review and Data from the Northern Finland Birth Cohort 1966. <i>Clinical Neuropsychologist</i> , 2016, 30, 17-50.	1.5	5
48	Aberrant brain responses to emotionally valent words is normalised after cognitive behavioural therapy in female depressed adolescents. <i>Journal of Affective Disorders</i> , 2016, 189, 54-61.	2.0	16
49	Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 529-538.	2.8	30
50	Neurocognition as a predictor of outcome in schizophrenia in the Northern Finland Birth Cohort 1966. <i>Schizophrenia Research: Cognition</i> , 2015, 2, 113-119.	0.7	11
51	Poor premorbid school performance, but not severity of illness, predicts cognitive decline in schizophrenia in midlife. <i>Schizophrenia Research: Cognition</i> , 2015, 2, 120-126.	0.7	9
52	Association between Dopamine Receptor D2 (DRD2) Variations rs6277 and rs1800497 and Cognitive Performance According to Risk Type for Psychosis: A Nested Case Control Study in a Finnish Population Sample. <i>PLoS ONE</i> , 2015, 10, e0127602.	1.1	11
53	Reduction in ventral striatal activity when anticipating a reward in depression and schizophrenia: a replicated cross-diagnostic finding. <i>Frontiers in Psychology</i> , 2015, 6, 1280.	1.1	105
54	Hedonic and disgust taste perception in borderline personality disorder and depression. <i>British Journal of Psychiatry</i> , 2015, 207, 79-80.	1.7	16

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55	Central executive network in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 161, 177-183.	1.1	11
56	Aberrant Functional Connectivity in the Default Mode and Central Executive Networks in Subjects with Schizophrenia â€” A Whole-Brain Resting-State ICA Study. <i>Frontiers in Psychiatry</i> , 2015, 6, 26.	1.3	51
57	Common childhood neurodevelopmental disorders are associated with increased risk of psychotic experiences in early adolescence. <i>Evidence-Based Mental Health</i> , 2015, 18, 51-51.	2.2	3
58	Longitudinal regional brain volume loss in schizophrenia: Relationship to antipsychotic medication and change in social function. <i>Schizophrenia Research</i> , 2015, 168, 297-304.	1.1	56
59	Interaction Between Parental Psychosis and Early Motor Development and the Risk of Schizophrenia in a General Population Birth Cohort. <i>European Psychiatry</i> , 2015, 30, 719-727.	0.1	21
60	Changes in verbal learning and memory in schizophrenia and non-psychotic controls in midlife: A nine-year follow-up in the Northern Finland Birth Cohort study 1966. <i>Psychiatry Research</i> , 2015, 228, 671-679.	1.7	10
61	Functional mapping of dynamic happy and fearful facial expressions in young adults with familial risk for psychosis â€” Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 164, 242-249.	1.1	16
62	Cerebellar activity in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 169, 46-53.	1.1	7
63	Behavioural and molecular endophenotypes in psychotic disorders reveal heritable abnormalities in glutamatergic neurotransmission. <i>Translational Psychiatry</i> , 2015, 5, e540-e540.	2.4	13
64	Effects of Methamphetamine Administration on Information Gathering during Probabilistic Reasoning in Healthy Humans. <i>PLoS ONE</i> , 2014, 9, e102683.	1.1	26
65	Brain Structural Signatures of Negative Symptoms in Depression and Schizophrenia. <i>Frontiers in Psychiatry</i> , 2014, 5, 116.	1.3	28
66	Linking the Developmental and Degenerative Theories of Schizophrenia: Association Between Infant Development and Adult Cognitive Decline. <i>Schizophrenia Bulletin</i> , 2014, 40, 1319-1327.	2.3	21
67	Longitudinal associations between childhood and adulthood externalizing and internalizing psychopathology and adolescent substance use. <i>Psychological Medicine</i> , 2014, 44, 1727-1738.	2.7	125
68	Difficulty in making contact with others and social withdrawal as early signs of psychosis in adolescents â€” the Northern Finland Birth Cohort 1986. <i>European Psychiatry</i> , 2014, 29, 345-351.	0.1	19
69	Response initiation in young adults at risk for psychosis in the Northern Finland 1986 Birth Cohort. <i>Cognitive Neuropsychiatry</i> , 2014, 19, 226-240.	0.7	2
70	Brain structure in different psychosis risk groups in the Northern Finland 1986 Birth Cohort. <i>Schizophrenia Research</i> , 2014, 153, 143-149.	1.1	17
71	Lifetime use of antipsychotic medication and its relation to change of verbal learning and memory in midlife schizophrenia â€” An observational 9-year follow-up study. <i>Schizophrenia Research</i> , 2014, 158, 134-141.	1.1	66
72	Associations between brain morphology and outcome in schizophrenia in a general population sample. <i>European Psychiatry</i> , 2014, 29, 456-462.	0.1	13

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73	Longitudinal Changes in Total Brain Volume in Schizophrenia: Relation to Symptom Severity, Cognition and Antipsychotic Medication. PLoS ONE, 2014, 9, e101689.	1.1	92
74	Young people at risk for psychosis: case finding and sample characteristics of the Oulu Brain and Mind Study. Microbial Biotechnology, 2013, 7, 146-154.	0.9	26
75	Default mode network in young people with familial risk for psychosis " The Oulu Brain and Mind Study. Schizophrenia Research, 2013, 143, 239-245.	1.1	19
76	Methamphetamine-Induced Disruption of Frontostriatal Reward Learning Signals: Relation to Psychotic Symptoms. American Journal of Psychiatry, 2013, 170, 1326-1334.	4.0	48
77	Psychotic symptoms in young people without psychotic illness: mechanisms and meaning. British Journal of Psychiatry, 2012, 201, 4-6.	1.7	62
78	Verbal learning and memory and their associations with brain morphology and illness course in schizophrenia spectrum psychoses. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 698-713.	0.8	11
79	Early detection and intervention evaluation for people at risk of psychosis: multisite randomised controlled trial. BMJ, The, 2012, 344, e2233-e2233.	3.0	266
80	Neuregulin-1 genotype is associated with structural differences in the normal human brain. NeuroImage, 2012, 59, 2057-2061.	2.1	30
81	No Association of COMT (Val158Met) Genotype with Brain Structure Differences between Men and Women. PLoS ONE, 2012, 7, e33964.	1.1	18
82	Effects of Modafinil on Emotional Processing in First Episode Psychosis. Biological Psychiatry, 2011, 69, 457-464.	0.7	35
83	Is Prematurity Associated With Adult Cognitive Outcome and Brain Structure?. Pediatric Neurology, 2011, 44, 12-20.	1.0	13
84	Early detection and intervention evaluation for people at high-risk of psychosis-2 (EDIE-2): trial rationale, design and baseline characteristics. Microbial Biotechnology, 2011, 5, 24-32.	0.9	58
85	The emerging biology of delusions. Psychological Medicine, 2011, 41, 7-13.	2.7	21
86	Administrative incidence of psychosis assessed in an early intervention service in England: first epidemiological evidence from a diverse, rural and urban setting. Psychological Medicine, 2011, 41, 949-958.	2.7	44
87	Different vulnerability indicators for psychosis and their neuropsychological characteristics in the Northern Finland 1986 Birth Cohort. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 385-394.	0.8	16
88	The relevance of reward pathways for schizophrenia. Current Opinion in Psychiatry, 2010, 23, 91-96.	3.1	71
89	Learning and cognitive flexibility: frontostriatal function and monoaminergic modulation. Current Opinion in Neurobiology, 2010, 20, 199-204.	2.0	328
90	Successful Learning in Schizophrenia, Functional Neuroimaging Studies, and Theoretical Considerations. Schizophrenia Bulletin, 2010, 36, 463-464.	2.3	0

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91	Morphometric Brain Abnormalities in Schizophrenia in a Population-Based Sample: Relationship to Duration of Illness. <i>Schizophrenia Bulletin</i> , 2010, 36, 766-777.	2.3	78
92	Are There Valid Subtypes of Schizophrenia? A Grade of Membership Analysis. <i>Psychopathology</i> , 2010, 43, 53-62.	1.1	14
93	Schizophrenia in the Offspring of Antenatally Depressed Mothers in the Northern Finland 1966 Birth Cohort: Relationship to Family History of Psychosis. <i>American Journal of Psychiatry</i> , 2010, 167, 70-77.	4.0	58
94	Association between duration of untreated psychosis and brain morphology in schizophrenia within the Northern Finland 1966 Birth Cohort. <i>Schizophrenia Research</i> , 2010, 123, 145-152.	1.1	35
95	The Neural Underpinnings of Associative Learning in Health and Psychosis: How Can Performance Be Preserved When Brain Responses Are Abnormal?. <i>Schizophrenia Bulletin</i> , 2010, 36, 465-471.	2.3	45
96	The influence of temperament on symptoms and functional outcome in people with psychosis in the Northern Finland 1966 Birth Cohort. <i>European Psychiatry</i> , 2010, 25, 26-32.	0.1	16
97	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009, 29, 2247-2252.	1.2	66
98	Illusions and delusions: relating experimentally-induced false memories to anomalous experiences and ideas. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 53.	1.0	37
99	Incentive motivation in first-episode psychosis: A behavioural study. <i>BMC Psychiatry</i> , 2008, 8, 34.	1.1	55
100	Substantia nigra/ventral tegmental reward prediction error disruption in psychosis. <i>Molecular Psychiatry</i> , 2008, 13, 267-276.	4.1	442
101	How dopamine dysregulation leads to psychotic symptoms? Abnormal mesolimbic and mesostriatal prediction error signalling in psychosis. <i>Molecular Psychiatry</i> , 2008, 13, 239-239.	4.1	111
102	Associations between early development and outcome in schizophrenia – A 35-year follow-up of the Northern Finland 1966 Birth Cohort. <i>Schizophrenia Research</i> , 2008, 99, 29-37.	1.1	12
103	Reinforcement and Reversal Learning in First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , 2008, 34, 848-855.	2.3	140
104	Individual Differences in Psychotic Effects of Ketamine Are Predicted by Brain Function Measured under Placebo. <i>Journal of Neuroscience</i> , 2008, 28, 6295-6303.	1.7	81
105	Association of cannabis use with prodromal symptoms of psychosis in adolescence. <i>British Journal of Psychiatry</i> , 2008, 192, 470-471.	1.7	78
106	Disrupted prediction-error signal in psychosis: evidence for an associative account of delusions. <i>Brain</i> , 2007, 130, 2387-2400.	3.7	368
107	Substance use in a population-based clinic sample of people with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2007, 190, 515-520.	1.7	240
108	Infant developmental milestones and subsequent cognitive function. <i>Annals of Neurology</i> , 2007, 62, 128-136.	2.8	118

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109	Infant motor development and adult cognitive functions in schizophrenia. <i>Schizophrenia Research</i> , 2006, 81, 65-74.	1.1	47
110	Infant motor development is associated with adult cognitive categorisation in a longitudinal birth cohort study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 25-29.	3.1	139
111	Psychological effects of ketamine in healthy volunteers. <i>British Journal of Psychiatry</i> , 2006, 189, 173-179.	1.7	201
112	Frontal Responses During Learning Predict Vulnerability to the Psychotogenic Effects of Ketamine. <i>Archives of General Psychiatry</i> , 2006, 63, 611.	13.8	169
113	Fronto-cerebellar systems are associated with infant motor and adult executive functions in healthy adults but not in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15651-15656.	3.3	135
114	Risk factors for schizophrenia. Follow-up data from the Northern Finland 1966 Birth Cohort Study. <i>World Psychiatry</i> , 2006, 5, 168-71.	4.8	16
115	Predictors of schizophrenia. <i>British Journal of Psychiatry</i> , 2005, 187, s4-s7.	1.7	38
116	Infant developmental milestones: a 31-year follow-up. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 581-586.	1.1	63
117	What happens to semantic memory when formal thought disorder remits? Revisiting a case study. <i>Cognitive Neuropsychiatry</i> , 2005, 10, 57-71.	0.7	11
118	Predictors of schizophrenia—a review. <i>British Medical Bulletin</i> , 2005, 73-74, 1-15.	2.7	128
119	What causes the onset of psychosis?. <i>Schizophrenia Research</i> , 2005, 79, 23-34.	1.1	163
120	Infant developmental milestones: a 31-year follow-up. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 581.	1.1	63
121	Infant developmental milestones: a 31-year follow-up. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 581-6.	1.1	44
122	Medical records: Doctors' and patients' experiences of copying letters to patients. <i>Psychiatric Bulletin</i> , 2004, 28, 40-42.	0.3	28
123	Spontaneous improvement in severe, chronic schizophrenia and its neuropsychological correlates. <i>British Journal of Psychiatry</i> , 2004, 184, 357-358.	1.7	3
124	Developmental precursors of psychosis. <i>Current Psychiatry Reports</i> , 2004, 6, 168-175.	2.1	17
125	The persistence of developmental markers in childhood and adolescence and risk for schizophrenic psychoses in adult life. A 34-year follow-up of the Northern Finland 1966 birth cohort. <i>Schizophrenia Research</i> , 2004, 71, 213-225.	1.1	55
126	Copying letters to patients. <i>BMJ: British Medical Journal</i> , 2003, 326, 449-449.	2.4	13

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127	Prenatal exposure to influenza epidemics and risk of mental retardation. European Archives of Psychiatry and Clinical Neuroscience, 1995, 245, 255-259.	1.8	22
128	Prenatal exposure to influenza and the development of schizophrenia: is the effect confined to females?. American Journal of Psychiatry, 1994, 151, 117-119.	4.0	89
129	Schizophrenia Following Pre-natal Exposure to Influenza Epidemics Between 1939 and 1960. British Journal of Psychiatry, 1992, 160, 461-466.	1.7	243
130	Benefits and risks of off label use of antipsychotics in insomnia and anxiety â€” APSY Oulu project. Nordic Journal of Psychiatry, 0, , 1-1.	0.7	0
131	Investigating the relationship of COVID-19 related stress and media consumption with schizotypy, depression, and anxiety in cross-sectional surveys repeated throughout the pandemic in Germany and the UK. ELife, 0, 11, .	2.8	8