

Elizabeth M Tunbridge

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

4,060
citations

185998

28
h-index

168136

53
g-index

62
all docs

62
docs citations

62
times ranked

6376
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol-o-Methyltransferase, Cognition, and Psychosis: Val158Met and Beyond. <i>Biological Psychiatry</i> , 2006, 60, 141-151.	0.7	656
2	Catechol-O-Methyltransferase Inhibition Improves Set-Shifting Performance and Elevates Stimulated Dopamine Release in the Rat Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 5331-5335.	1.7	383
3	Tau Protein Is Required for Amyloid β -Induced Impairment of Hippocampal Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2011, 31, 1688-1692.	1.7	275
4	Catechol-O-Methyltransferase (COMT): A Gene Contributing to Sex Differences in Brain Function, and to Sexual Dimorphism in the Predisposition to Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2008, 33, 3037-3045.	2.8	273
5	Tryptophan Depletion Alters the Decision-Making of Healthy Volunteers through Altered Processing of Reward Cues. <i>Neuropsychopharmacology</i> , 2003, 28, 153-162.	2.8	239
6	Computer Game Play Reduces Intrusive Memories of Experimental Trauma via Reconsolidation-Update Mechanisms. <i>Psychological Science</i> , 2015, 26, 1201-1215.	1.8	219
7	Catechol-o-Methyltransferase Enzyme Activity and Protein Expression in Human Prefrontal Cortex across the Postnatal Lifespan. <i>Cerebral Cortex</i> , 2007, 17, 1206-1212.	1.6	177
8	The Emerging Neurobiology of Bipolar Disorder. <i>Trends in Neurosciences</i> , 2018, 41, 18-30.	4.2	160
9	COMT Val158Met Genotype Determines the Direction of Cognitive Effects Produced by Catechol-O-Methyltransferase Inhibition. <i>Biological Psychiatry</i> , 2012, 71, 538-544.	0.7	124
10	How Cannabis Causes Paranoia: Using the Intravenous Administration of Δ^9 -Tetrahydrocannabinol (THC) to Identify Key Cognitive Mechanisms Leading to Paranoia. <i>Schizophrenia Bulletin</i> , 2015, 41, 391-399.	2.3	101
11	Long-read sequencing reveals the complex splicing profile of the psychiatric risk gene CACNA1C in human brain. <i>Molecular Psychiatry</i> , 2020, 25, 37-47.	4.1	98
12	Catechol-o-methyltransferase (COMT) and proline dehydrogenase (PRODH) mRNAs in the dorsolateral prefrontal cortex in schizophrenia, bipolar disorder, and major depression. <i>Synapse</i> , 2004, 51, 112-118.	0.6	85
13	Reduced cerebrovascular reactivity in young adults carrying the <i>APOE</i> ϵ 4 allele. <i>Alzheimer's and Dementia</i> , 2015, 11, 648.	0.4	84
14	Comparative evaluation of quetiapine plus lamotrigine combination versus quetiapine monotherapy (and folic acid versus placebo) in bipolar depression (CEQUEL): a 2 \times 2 factorial randomised trial. <i>Lancet Psychiatry</i> , 2016, 3, 31-39.	3.7	84
15	It feels real: physiological responses to a stressful virtual reality environment and its impact on working memory. <i>Journal of Psychopharmacology</i> , 2019, 33, 1264-1273.	2.0	82
16	Which Dopamine Polymorphisms Are Functional? Systematic Review and Meta-analysis of COMT, DAT, DBH, DDC, DRD1 β , MAOA, MAOB, TH, VMAT1, and VMAT2. <i>Biological Psychiatry</i> , 2019, 86, 608-620.	0.7	67
17	Sexually Dimorphic Effects of Catechol-O-Methyltransferase (COMT) Inhibition on Dopamine Metabolism in Multiple Brain Regions. <i>PLoS ONE</i> , 2013, 8, e61839.	1.1	59
18	Genome-wide analysis of self-reported risk-taking behaviour and cross-disorder genetic correlations in the UK Biobank cohort. <i>Translational Psychiatry</i> , 2018, 8, 39.	2.4	57

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19	The Catechol-O-Methyltransferase Gene. <i>International Review of Neurobiology</i> , 2010, 95, 7-27.	0.9	55
20	Catechol-O-methyltransferase (COMT) influences the connectivity of the prefrontal cortex at rest. <i>NeuroImage</i> , 2013, 68, 49-54.	2.1	52
21	Importance of the COMT Gene for Sex Differences in Brain Function and Predisposition to Psychiatric Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 8, 119-140.	0.8	51
22	Changed Relative to What? Housekeeping Genes and Normalization Strategies in Human Brain Gene Expression Studies. <i>Biological Psychiatry</i> , 2011, 69, 173-179.	0.7	50
23	The genomic basis of mood instability: identification of 46 loci in 363,705 UK Biobank participants, genetic correlation with psychiatric disorders, and association with gene expression and function. <i>Molecular Psychiatry</i> , 2020, 25, 3091-3099.	4.1	48
24	Cellular calcium in bipolar disorder: systematic review and meta-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4106-4116.	4.1	46
25	Polymorphisms in the catechol-O-methyltransferase (COMT) gene influence plasma total homocysteine levels. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 996-999.	1.1	45
26	Modulation of hippocampal theta and hippocampal prefrontal cortex function by a schizophrenia risk gene. <i>Human Brain Mapping</i> , 2015, 36, 2387-2395.	1.9	44
27	Expression of multiple catechol-o-methyltransferase (COMT) mRNA variants in human brain. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 834-839.	1.1	36
28	Genetic moderation of the effects of cannabis: Catechol-O-methyltransferase (COMT) affects the impact of Δ^9 -tetrahydrocannabinol (THC) on working memory performance but not on the occurrence of psychotic experiences. <i>Journal of Psychopharmacology</i> , 2015, 29, 1146-1151.	2.0	35
29	Voltage-gated calcium channel blockers for psychiatric disorders: genomic reappraisal. <i>British Journal of Psychiatry</i> , 2020, 216, 250-253.	1.7	35
30	Gabapentin and pregabalin in bipolar disorder, anxiety states, and insomnia: Systematic review, meta-analysis, and rationale. <i>Molecular Psychiatry</i> , 2022, 27, 1339-1349.	4.1	31
31	Genetics of self-reported risk-taking behaviour, trans-ethnic consistency and relevance to brain gene expression. <i>Translational Psychiatry</i> , 2018, 8, 178.	2.4	29
32	Modulation of hippocampal dopamine metabolism and hippocampal-dependent cognitive function by catechol-O-methyltransferase inhibition. <i>Journal of Psychopharmacology</i> , 2012, 26, 1561-1568.	2.0	25
33	Induced Pluripotent Stem Cells in Psychiatry: An Overview and Critical Perspective. <i>Biological Psychiatry</i> , 2021, 90, 362-372.	0.7	23
34	Epistatic and Functional Interactions of Catechol-O-Methyltransferase (COMT) and AKT1 on Neuregulin1-ErbB Signaling in Cell Models. <i>PLoS ONE</i> , 2010, 5, e10789.	1.1	20
35	Distinct roles for dopamine clearance mechanisms in regulating behavioral flexibility. <i>Molecular Psychiatry</i> , 2021, 26, 7188-7199.	4.1	20
36	Genetic mouse models relevant to schizophrenia: Taking stock and looking forward. <i>Neuropharmacology</i> , 2012, 62, 1164-1167.	2.0	18

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37	Genotype-Dependent Effects of COMT Inhibition on Cognitive Function in a Highly Specific, Novel Mouse Model of Altered COMT Activity. <i>Neuropsychopharmacology</i> , 2016, 41, 3060-3069.	2.8	18
38	Dissociable Catecholaminergic Modulation of Visual Attention: Differential Effects of Catechol-O-Methyltransferase and Dopamine Beta-Hydroxylase Genes on Visual Attention. <i>Neuroscience</i> , 2019, 412, 175-189.	1.1	17
39	The Oxford study of Calcium channel Antagonism, Cognition, Mood instability and Sleep (OxCaMS): study protocol for a randomised controlled, experimental medicine study. <i>Trials</i> , 2019, 20, 120.	0.7	17
40	Targeting synaptic plasticity in schizophrenia: insights from genomic studies. <i>Trends in Molecular Medicine</i> , 2021, 27, 1022-1032.	3.5	17
41	Decreased striatal dopamine in group II metabotropic glutamate receptor (mGlu2/mGlu3) double knockout mice. <i>BMC Neuroscience</i> , 2013, 14, 102.	0.8	16
42	Biochemical and genetic predictors and correlates of response to lamotrigine and folic acid in bipolar depression: Analysis of the <scp>CEQUEL</scp> clinical trial. <i>Bipolar Disorders</i> , 2017, 19, 477-486.	1.1	11
43	Long read sequencing reveals novel isoforms and insights into splicing regulation during cell state changes. <i>BMC Genomics</i> , 2022, 23, 42.	1.2	11
44	Plasma glutathione suggests oxidative stress is equally present in early and late onset bipolar disorder. <i>Bipolar Disorders</i> , 2019, 21, 61-67.	1.1	10
45	Kalirin as a Novel Treatment Target for Cognitive Dysfunction in Schizophrenia. <i>CNS Drugs</i> , 2022, 36, 1-16.	2.7	8
46	The Emerging Neurobiology of Bipolar Disorder. <i>Focus (American Psychiatric Publishing)</i> , 2019, 17, 284-293.	0.4	7
47	Restrictions on drugs with medical value: Moving beyond stalemate. <i>Journal of Psychopharmacology</i> , 2018, 32, 1053-1055.	2.0	5
48	Brain-enriched CACNA1C isoforms as novel, selective targets for psychiatric indications. <i>Neuropsychopharmacology</i> , 2022, 47, 393-394.	2.8	5
49	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , 2021, 234, 117999.	2.1	5
50	Unraveling Mechanisms of Patient-Specific NRXN1 Mutations in Neuropsychiatric Diseases Using Human Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2020, 29, 1142-1144.	1.1	3
51	Long read transcript profiling of ion channel splice isoforms. <i>Methods in Enzymology</i> , 2021, 654, 345-364.	0.4	2
52	Roadblock: improved annotations do not necessarily translate into new functional insights. <i>Genome Biology</i> , 2021, 22, 320.	3.8	2
53	New drug targets in psychiatry: Neurobiological considerations in the genomics era. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 139, 104763.	2.9	1
54	Benchmarking pluripotent stem cell-derived organoid models. <i>Experimental Neurology</i> , 2020, 330, 113333.	2.0	0

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55	Catechol-O-methyltransferase activity does not influence emotional processing in men. <i>Journal of Psychopharmacology</i> , 2022, 36, 768-775.	2.0	0