

# Elizabeth M Tunbridge

## List of Publications by Citations

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**Version:** 2024-04-19

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52  
papers

3,179  
citations

26  
h-index

56  
g-index

62  
ext. papers

3,661  
ext. citations

6.4  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
52	Catechol-o-methyltransferase, cognition, and psychosis: Val158Met and beyond. <i>Biological Psychiatry</i> , <b>2006</b> , 60, 141-51	7.9	602
51	Catechol-o-methyltransferase inhibition improves set-shifting performance and elevates stimulated dopamine release in the rat prefrontal cortex. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 5331-5	6.6	344
50	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> , <b>2008</b> , 33, 3037-45	8.7	239
49	Tau protein is required for amyloid {beta}-induced impairment of hippocampal long-term potentiation. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 1688-92	6.6	228
48	Tryptophan depletion alters the decision-making of healthy volunteers through altered processing of reward cues. <i>Neuropsychopharmacology</i> , <b>2003</b> , 28, 153-62	8.7	223
47	Computer Game Play Reduces Intrusive Memories of Experimental Trauma via Reconsolidation-Update Mechanisms. <i>Psychological Science</i> , <b>2015</b> , 26, 1201-15	7.9	160
46	Catechol-o-methyltransferase enzyme activity and protein expression in human prefrontal cortex across the postnatal lifespan. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 1206-12	5.1	154
45	COMT Val(158)Met genotype determines the direction of cognitive effects produced by catechol-O-methyltransferase inhibition. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 538-44	7.9	100
44	The Emerging Neurobiology of Bipolar Disorder. <i>Trends in Neurosciences</i> , <b>2018</b> , 41, 18-30	13.3	99
43	How cannabis causes paranoia: using the intravenous administration of $\Delta^9$ -tetrahydrocannabinol (THC) to identify key cognitive mechanisms leading to paranoia. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 391-9	1.3	75
42	Catechol-o-methyltransferase (COMT) and proline dehydrogenase (PRODH) mRNAs in the dorsolateral prefrontal cortex in schizophrenia, bipolar disorder, and major depression. <i>Synapse</i> , <b>2004</b> , 51, 112-8	2.4	75
41	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> , <b>2016</b> , 3, 31-39	23.3	69
40	Reduced cerebrovascular reactivity in young adults carrying the APOE $\epsilon$ allele. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 648-57.e1	1.2	65
39	Long-read sequencing reveals the complex splicing profile of the psychiatric risk gene CACNA1C in human brain. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 37-47	15.1	52
38	Sexually dimorphic effects of catechol-O-methyltransferase (COMT) inhibition on dopamine metabolism in multiple brain regions. <i>PLoS ONE</i> , <b>2013</b> , 8, e61839	3.7	49
37	The catechol-O-methyltransferase gene: its regulation and polymorphisms. <i>International Review of Neurobiology</i> , <b>2010</b> , 95, 7-27	4.4	48
36	Catechol-O-methyltransferase (COMT) influences the connectivity of the prefrontal cortex at rest. <i>NeuroImage</i> , <b>2013</b> , 68, 49-54	7.9	45

35	Changed relative to what? Housekeeping genes and normalization strategies in human brain gene expression studies. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 173-9	7.9	44
34	Polymorphisms in the catechol-O-methyltransferase (COMT) gene influence plasma total homocysteine levels. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2008</b> , 147B, 996-9	3.5	41
33	Which Dopamine Polymorphisms Are Functional? Systematic Review and Meta-analysis of COMT, DAT, DBH, DDC, DRD1-5, MAOA, MAOB, TH, VMAT1, and VMAT2. <i>Biological Psychiatry</i> , <b>2019</b> , 86, 608-620	7.9	40
32	Importance of the COMT gene for sex differences in brain function and predisposition to psychiatric disorders. <i>Current Topics in Behavioral Neurosciences</i> , <b>2011</b> , 8, 119-40	3.4	39
31	Modulation of hippocampal theta and hippocampal-prefrontal cortex function by a schizophrenia risk gene. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2387-95	5.9	36
30	It feels real: physiological responses to a stressful virtual reality environment and its impact on working memory. <i>Journal of Psychopharmacology</i> , <b>2019</b> , 33, 1264-1273	4.6	35
29	Genome-wide analysis of self-reported risk-taking behaviour and cross-disorder genetic correlations in the UK Biobank cohort. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 39	8.6	32
28	Expression of multiple catechol-o-methyltransferase (COMT) mRNA variants in human brain. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2007</b> , 144B, 834-9	3.5	32
27	Genetic moderation of the effects of cannabis: catechol-O-methyltransferase (COMT) affects the impact of $\Delta$ -tetrahydrocannabinol (THC) on working memory performance but not on the occurrence of psychotic experiences. <i>Journal of Psychopharmacology</i> , <b>2015</b> , 29, 1146-51	4.6	27
26	Cellular calcium in bipolar disorder: systematic review and meta-analysis. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4106-4116	15.1	21
25	Modulation of hippocampal dopamine metabolism and hippocampal-dependent cognitive function by catechol-O-methyltransferase inhibition. <i>Journal of Psychopharmacology</i> , <b>2012</b> , 26, 1561-8	4.6	20
24	Genetics of self-reported risk-taking behaviour, trans-ethnic consistency and relevance to brain gene expression. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 178	8.6	20
23	Voltage-gated calcium channel blockers for psychiatric disorders: genomic reappraisal. <i>British Journal of Psychiatry</i> , <b>2020</b> , 216, 250-253	5.4	18
22	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> , <b>2020</b> , 25, 3091-3099	15.1	17
21	Genetic mouse models relevant to schizophrenia: taking stock and looking forward. <i>Neuropharmacology</i> , <b>2012</b> , 62, 1164-7	5.5	16
20	Epistatic and functional interactions of catechol-o-methyltransferase (COMT) and AKT1 on neuregulin1-ErbB signaling in cell models. <i>PLoS ONE</i> , <b>2010</b> , 5, e10789	3.7	16
19	Genotype-Dependent Effects of COMT Inhibition on Cognitive Function in a Highly Specific, Novel Mouse Model of Altered COMT Activity. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 3060-3069	8.7	15
18	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> , <b>2019</b> , 20, 120	2.8	13

17	Decreased striatal dopamine in group II metabotropic glutamate receptor (mGlu2/mGlu3) double knockout mice. <i>BMC Neuroscience</i> , <b>2013</b> , 14, 102	3.2	12
16	Dissociable Catecholaminergic Modulation of Visual Attention: Differential Effects of Catechol-O-Methyltransferase and Dopamine Beta-Hydroxylase Genes on Visual Attention. <i>Neuroscience</i> , <b>2019</b> , 412, 175-189	3.9	9
15	Biochemical and genetic predictors and correlates of response to lamotrigine and folic acid in bipolar depression: Analysis of the CEQUEL clinical trial. <i>Bipolar Disorders</i> , <b>2017</b> , 19, 477-486	3.8	9
14	Long-read sequencing reveals the complex splicing profile of the psychiatric risk gene CACNA1C in human brain		9
13	Distinct roles for dopamine clearance mechanisms in regulating behavioral flexibility. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	6
12	Plasma glutathione suggests oxidative stress is equally present in early- and late-onset bipolar disorder. <i>Bipolar Disorders</i> , <b>2019</b> , 21, 61-67	3.8	6
11	The Emerging Neurobiology of Bipolar Disorder. <i>Focus (American Psychiatric Publishing)</i> , <b>2019</b> , 17, 284-293	3.1	4
10	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , <b>2021</b> , 234, 117999	7.9	3
9	Unraveling Mechanisms of Patient-Specific NRXN1 Mutations in Neuropsychiatric Diseases Using Human Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , <b>2020</b> , 29, 1142-1144	4.4	2
8	Distinct roles for dopamine clearance mechanisms in regulating behavioral flexibility		2
7	Induced Pluripotent Stem Cells in Psychiatry: An Overview and Critical Perspective. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 362-372	7.9	2
6	Long read sequencing reveals novel isoforms and insights into splicing regulation during cell state changes.. <i>BMC Genomics</i> , <b>2022</b> , 23, 42	4.5	1
5	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		1
4	Targeting synaptic plasticity in schizophrenia: insights from genomic studies. <i>Trends in Molecular Medicine</i> , <b>2021</b> , 27, 1022-1032	11.5	0
3	Benchmarking pluripotent stem cell-derived organoid models. <i>Experimental Neurology</i> , <b>2020</b> , 330, 113333-113337	3.7	
2	Long read transcript profiling of ion channel splice isoforms. <i>Methods in Enzymology</i> , <b>2021</b> , 654, 345-364	1.7	
1	Catechol-O-methyltransferase activity does not influence emotional processing in men.. <i>Journal of Psychopharmacology</i> , <b>2022</b> , 2698811221089032	4.6	