

Cynthia Hy Fu

List of Publications by Year in descending order

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105
papers

10,403
citations

38742

50
h-index

33894

99
g-index

115
all docs

115
docs citations

115
times ranked

11523
citing authors

#	ARTICLE	IF	CITATIONS
1	Attenuation of the Neural Response to Sad Faces in Major Depression by Antidepressant Treatment. <i>Archives of General Psychiatry</i> , 2004, 61, 877.	12.3	730
2	Predictors of amygdala activation during the processing of emotional stimuli: A meta-analysis of 385 PET and fMRI studies. <i>Brain Research Reviews</i> , 2008, 58, 57-70.	9.0	713
3	A systematic review and quantitative appraisal of fMRI studies of verbal fluency: Role of the left inferior frontal gyrus. <i>Human Brain Mapping</i> , 2006, 27, 799-810.	3.6	451
4	Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. <i>Molecular Psychiatry</i> , 2017, 22, 1455-1463.	7.9	446
5	A functional MRI study of happy and sad affective states induced by classical music. <i>Human Brain Mapping</i> , 2007, 28, 1150-1162.	3.6	364
6	Brain Imaging Correlates of Depressive Symptom Severity and Predictors of Symptom Improvement After Antidepressant Treatment. <i>Biological Psychiatry</i> , 2007, 62, 407-414.	1.3	335
7	Pattern Classification of Sad Facial Processing: Toward the Development of Neurobiological Markers in Depression. <i>Biological Psychiatry</i> , 2008, 63, 656-662.	1.3	298
8	Neural Responses to Sad Facial Expressions in Major Depression Following Cognitive Behavioral Therapy. <i>Biological Psychiatry</i> , 2008, 64, 505-512.	1.3	297
9	Predictive neural biomarkers of clinical response in depression: A meta-analysis of functional and structural neuroimaging studies of pharmacological and psychological therapies. <i>Neurobiology of Disease</i> , 2013, 52, 75-83.	4.4	291
10	A systematic review of the neurophysiology of mindfulness on EEG oscillations. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 401-410.	6.1	281
11	Hippocampal atrophy in first episode depression: A meta-analysis of magnetic resonance imaging studies. <i>Journal of Affective Disorders</i> , 2011, 134, 483-487.	4.1	262
12	Neural Responses to Happy Facial Expressions in Major Depression Following Antidepressant Treatment. <i>American Journal of Psychiatry</i> , 2007, 164, 599-607.	7.2	244
13	Prognostic and Diagnostic Potential of the Structural Neuroanatomy of Depression. <i>PLoS ONE</i> , 2009, 4, e6353.	2.5	215
14	Functional Coupling of the Amygdala in Depressed Patients Treated with Antidepressant Medication. <i>Neuropsychopharmacology</i> , 2008, 33, 1909-1918.	5.4	196
15	Comparative efficacy and acceptability of non-surgical brain stimulation for the acute treatment of major depressive episodes in adults: systematic review and network meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 364, l1079.	2.3	189
16	Efficacy and acceptability of non-invasive brain stimulation for the treatment of adult unipolar and bipolar depression: A systematic review and meta-analysis of randomised sham-controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 291-303.	6.1	175
17	An fMRI Study of Verbal Self-monitoring: Neural Correlates of Auditory Verbal Feedback. <i>Cerebral Cortex</i> , 2006, 16, 969-977.	2.9	169
18	Pattern of neural responses to verbal fluency shows diagnostic specificity for schizophrenia and bipolar disorder. <i>BMC Psychiatry</i> , 2011, 11, 18.	2.6	163

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19	Acoustic noise and functional magnetic resonance imaging: Current strategies and future prospects. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 497-510.	3.4	162
20	A Longitudinal Functional Magnetic Resonance Imaging Study of Verbal Working Memory in Depression After Antidepressant Therapy. <i>Biological Psychiatry</i> , 2007, 62, 1236-1243.	1.3	159
21	Neural basis of the emotional Stroop interference effect in major depression. <i>Psychological Medicine</i> , 2008, 38, 247-256.	4.5	158
22	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. <i>Human Brain Mapping</i> , 2007, 28, 1213-1222.	3.6	150
23	Tryptophan depletion reduces right inferior prefrontal activation during response inhibition in fast, event-related fMRI. <i>Psychopharmacology</i> , 2005, 179, 791-803.	3.1	148
24	A Functional Magnetic Resonance Imaging Study of Overt Letter Verbal Fluency Using a Clustered Acquisition Sequence: Greater Anterior Cingulate Activation with Increased Task Demand. <i>NeuroImage</i> , 2002, 17, 871-879.	4.2	147
25	Misattribution of external speech in patients with hallucinations and delusions. <i>Schizophrenia Research</i> , 2004, 69, 277-287.	2.0	145
26	Machine learning classification with confidence: Application of transductive conformal predictors to MRI-based diagnostic and prognostic markers in depression. <i>NeuroImage</i> , 2011, 56, 809-813.	4.2	141
27	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
28	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
29	Neural correlates of sad faces predict clinical remission to cognitive behavioural therapy in depression. <i>NeuroReport</i> , 2009, 20, 637-641.	1.2	129
30	White matter abnormalities and illness severity in major depressive disorder. <i>British Journal of Psychiatry</i> , 2012, 201, 33-39.	2.8	126
31	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
32	Neural correlates of the misattribution of speech in schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 190, 162-169.	2.8	119
33	Meta-analyses of structural regional cerebral effects in type 1 and type 2 diabetes. <i>Brain Imaging and Behavior</i> , 2015, 9, 651-662.	2.1	119
34	Modafinil Augmentation Therapy in Unipolar and Bipolar Depression. <i>Journal of Clinical Psychiatry</i> , 2013, 74, 1101-1107.	2.2	113
35	Neuroanatomy of verbal working memory as a diagnostic biomarker for depression. <i>NeuroReport</i> , 2008, 19, 1507-1511.	1.2	111
36	Effects of Psychotic State and Task Demand on Prefrontal Function in Schizophrenia: An fMRI Study of Overt Verbal Fluency. <i>American Journal of Psychiatry</i> , 2005, 162, 485-494.	7.2	97

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37	Neuroimaging-Based Biomarkers in Psychiatry: Clinical Opportunities of a Paradigm Shift. <i>Canadian Journal of Psychiatry</i> , 2013, 58, 499-508.	1.9	93
38	Subregional hippocampal deformations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2010, 126, 272-277.	4.1	87
39	Epistasis between the DAT 3' UTR VNTR and the COMT Val158Met SNP on cortical function in healthy subjects and patients with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13600-13605.	7.1	78
40	No effect of 5HTTLPR or BDNF Val66Met polymorphism on hippocampal morphology in major depression. <i>Genes, Brain and Behavior</i> , 2011, 10, 756-764.	2.2	78
41	Multimodal functional and structural neuroimaging investigation of major depressive disorder following treatment with duloxetine. <i>BMC Psychiatry</i> , 2015, 15, 82.	2.6	71
42	Modulation of amygdala response and connectivity in depression by serotonin transporter polymorphism and diagnosis. <i>Journal of Affective Disorders</i> , 2013, 150, 96-103.	4.1	70
43	Neural Responses to Happy Facial Expressions in Major Depression Following Antidepressant Treatment. <i>American Journal of Psychiatry</i> , 2007, 164, 599.	7.2	68
44	The effects of neuregulin1 on brain function in controls and patients with schizophrenia and bipolar disorder. <i>NeuroImage</i> , 2008, 42, 817-826.	4.2	66
45	Functional MRI of Verbal Self-monitoring in Schizophrenia: Performance and Illness-Specific Effects. <i>Schizophrenia Bulletin</i> , 2010, 36, 740-755.	4.3	66
46	Opposite Effects of Catechol-O-Methyltransferase Val158Met on Cortical Function in Healthy Subjects and Patients with Schizophrenia. <i>Biological Psychiatry</i> , 2009, 65, 473-480.	1.3	63
47	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. <i>Psychological Medicine</i> , 2020, 50, 1020-1031.	4.5	59
48	Effect of disrupted-in-schizophrenia-1 on pre-frontal cortical function. <i>Molecular Psychiatry</i> , 2008, 13, 915-917.	7.9	56
49	Modulatory effects of brain-derived neurotrophic factor Val66Met polymorphism on prefrontal regions in major depressive disorder. <i>British Journal of Psychiatry</i> , 2015, 206, 379-384.	2.8	56
50	A functional magnetic resonance imaging study of overt letter verbal fluency using a clustered acquisition sequence: greater anterior cingulate activation with increased task demand. <i>NeuroImage</i> , 2002, 17, 871-9.	4.2	53
51	Modulation of effective connectivity by cognitive demand in phonological verbal fluency. <i>NeuroImage</i> , 2006, 30, 266-271.	4.2	52
52	Neural correlates of the misattribution of self-generated speech. <i>Human Brain Mapping</i> , 2005, 26, 44-53.	3.6	48
53	Characterizing Heterogeneity in Neuroimaging, Cognition, Clinical Symptoms, and Genetics Among Patients With Late-Life Depression. <i>JAMA Psychiatry</i> , 2022, 79, 464.	11.0	47
54	The neuroscience of sadness: A multidisciplinary synthesis and collaborative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 199-228.	6.1	46

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55	Effects of ketamine on prefrontal and striatal regions in an overt verbal fluency task: a functional magnetic resonance imaging study. <i>Psychopharmacology</i> , 2005, 183, 92-102.	3.1	45
56	Associations between polygenic risk scores for four psychiatric illnesses and brain structure using multivariate pattern recognition. <i>NeuroImage: Clinical</i> , 2018, 20, 1026-1036.	2.7	43
57	Affective modulation of external misattribution bias in source monitoring in schizophrenia. <i>Psychological Medicine</i> , 2008, 38, 821-824.	4.5	42
58	Body mass index, but not FTO genotype or major depressive disorder, influences brain structure. <i>Neuroscience</i> , 2013, 252, 109-117.	2.3	40
59	Depression, Confidence, and Decision: Evidence Against Depressive Realism. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2005, 27, 243-252.	1.2	39
60	Cortisol responses to serial MRI scans in healthy adults and in depression. <i>Psychoneuroendocrinology</i> , 2011, 36, 737-741.	2.7	39
61	The effect of psychosis associated CACNA1C, and its epistasis with ZNF804A, on brain function. <i>Genes, Brain and Behavior</i> , 2019, 18, e12510.	2.2	39
62	Effect of acute tryptophan depletion on pre-frontal engagement. <i>Psychopharmacology</i> , 2006, 187, 486-497.	3.1	38
63	Modulation of neural response to happy and sad faces by acute tryptophan depletion. <i>Psychopharmacology</i> , 2007, 193, 31-44.	3.1	37
64	Altered Effect of Dopamine Transporter 3'UTR VNTR Genotype on Prefrontal and Striatal Function in Schizophrenia. <i>Archives of General Psychiatry</i> , 2009, 66, 1162.	12.3	37
65	Increased inferior frontal activation during word generation: A marker of genetic risk for schizophrenia but not bipolar disorder?. <i>Human Brain Mapping</i> , 2009, 30, 3287-3298.	3.6	35
66	Functional neuroimaging in psychiatry. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1359-1370.	4.0	34
67	Noradrenergic dysfunction in the prefrontal cortex in depression: an [¹⁵ O] H ₂ O PET study of the neuromodulatory effects of clonidine. <i>Biological Psychiatry</i> , 2001, 49, 317-325.	1.3	34
68	A systematic review and meta-analysis of the neural correlates of psychological therapies in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 31-39.	1.8	32
69	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	1.3	29
70	Increased superior temporal activation associated with external misattributions of self-generated speech in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 361-363.	2.0	28
71	Hippocampal abnormalities and age in chronic schizophrenia: morphometric study across the adult lifespan. <i>British Journal of Psychiatry</i> , 2014, 205, 369-375.	2.8	28
72	Amygdala activation to masked happy facial expressions. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 383-387.	1.8	27

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73	Diagnostic potential of structural neuroimaging for depression from a multi-ethnic community sample. <i>BJPsych Open</i> , 2016, 2, 247-254.	0.7	27
74	Unravelling the GSK3 β -related genotypic interaction network influencing hippocampal volume in recurrent major depressive disorder. <i>Psychiatric Genetics</i> , 2018, 28, 77-84.	1.1	27
75	Differential effects of DAAO on regional activation and functional connectivity in schizophrenia, bipolar disorder and controls. <i>NeuroImage</i> , 2011, 56, 2283-2291.	4.2	24
76	Neural effects of cognitive-behavioural therapy on dysfunctional attitudes in depression. <i>Psychological Medicine</i> , 2015, 45, 1425-1433.	4.5	23
77	Is a Journal Club Effective for Teaching Critical Appraisal Skills?. <i>Academic Psychiatry</i> , 1999, 23, 205-209.	0.9	22
78	No association of Disrupted-in-Schizophrenia-1 variation with prefrontal function in patients with schizophrenia and bipolar disorder. <i>Genes, Brain and Behavior</i> , 2011, 10, 276-285.	2.2	21
79	Is tDCS a potential first line treatment for major depression?. <i>International Review of Psychiatry</i> , 2021, 33, 250-265.	2.8	21
80	Effect of D-amino acid oxidase activator (DAOA; G72) on brain function during verbal fluency. <i>Human Brain Mapping</i> , 2012, 33, 143-153.	3.6	20
81	Addressing heterogeneity (and homogeneity) in treatment mechanisms in depression and the potential to develop diagnostic and predictive biomarkers. <i>NeuroImage: Clinical</i> , 2019, 24, 101997.	2.7	16
82	Ketamine-Induced Disruption of Verbal Self-Monitoring Linked to Superior Temporal Activation. <i>Pharmacopsychiatry</i> , 2010, 44, 33-48.	3.3	15
83	A Functional Magnetic Resonance Imaging Study of Overt Letter Verbal Fluency Using a Clustered Acquisition Sequence: Greater Anterior Cingulate Activation with Increased Task Demand. <i>NeuroImage</i> , 2002, 17, 871-879.	4.2	15
84	Situational factors shape moral judgements in the trolley dilemma in Eastern, Southern and Western countries in a culturally diverse sample. <i>Nature Human Behaviour</i> , 2022, 6, 880-895.	12.0	15
85	Brain-derived neurotrophic factor association with amygdala response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 267, 103-106.	4.1	14
86	Recent Advances in Neuroimaging of Mood Disorders: Structural and Functional Neural Correlates of Depression, Changes with Therapy, and Potential for Clinical Biomarkers. <i>Current Treatment Options in Psychiatry</i> , 2014, 1, 278-293.	1.9	13
87	Genetic Vulnerability to Psychosis and Cortical Function: Epistatic Effects between DAAO and G72. <i>Current Pharmaceutical Design</i> , 2012, 18, 510-517.	1.9	12
88	Effects of antidepressant therapy on neural components of verbal working memory in depression. <i>Journal of Psychopharmacology</i> , 2017, 31, 1176-1183.	4.0	11
89	Anodal transcranial direct current stimulation over the right dorsolateral prefrontal cortex enhances reflective judgment and decision-making. <i>Brain Stimulation</i> , 2019, 12, 652-658.	1.6	11
90	Interaction between effects of genes coding for dopamine and glutamate transmission on striatal and parahippocampal function. <i>Human Brain Mapping</i> , 2013, 34, 2244-2258.	3.6	10

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91	Adjunctive home-based transcranial direct current stimulation treatment for major depression with real-time remote supervision: An open-label, single-arm feasibility study with long term outcomes. <i>Journal of Psychiatric Research</i> , 2022, 153, 197-205.	3.1	10
92	The DISC1 Ser704Cys polymorphism is associated with prefrontal function in healthy individuals. <i>Molecular Psychiatry</i> , 2008, 13, 909-909.	7.9	8
93	Widespread Morphometric Abnormalities in Major Depression. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 85-95.	1.0	4
94	Other race effect on amygdala response during affective facial processing in major depression. <i>Neuroscience Letters</i> , 2018, 662, 381-384.	2.1	3
95	Observing infants together: long-term experiences of observers and families. <i>Infant Observation</i> , 2021, 24, 4-22.	0.3	3
96	Hearing voices or hearing the self in disguise? Revealing the neural correlates of auditory hallucinations in schizophrenia. , 2003, , 425-435.		2
97	Authors' reply. <i>British Journal of Psychiatry</i> , 2015, 207, 363-364.	2.8	1
98	Psychotherapy and Antidepressant Treatment Effects on the Functional Neuroanatomy of Depression. <i>Psychopathology Review</i> , 2016, a3, 16-28.	0.9	1
99	Motor adaptation and internal model formation in a robot-mediated forcefield. <i>Psychoradiology</i> , 2021, 1, 73-87.	2.3	1
100	Essential ingredients of imaging. <i>Trends in Cognitive Sciences</i> , 2000, 4, 296-297.	7.8	0
101	FC12.06 Alien voices: Does dysfunctional self-monitoring explain auditory hallucinations in schizophrenia?. <i>European Psychiatry</i> , 2000, 15, 306s-307s.	0.2	0
102	Hold that thought: neural correlates of variable delay effects on verbal working memory. <i>NeuroImage</i> , 2001, 13, 671.	4.2	0
103	Are regional BOLD responses to verbal fluency modulated by symptom acuity in schizophrenia?. <i>NeuroImage</i> , 2001, 13, 1051.	4.2	0
104	Linking Neuroimaging-Based Predictive Biomarkers and Mechanisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 203-204.	1.5	0
105	Developing Predictive Biomarkers Goes Alongside Diagnostic Biotypes in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2020, 87, 386-387.	1.3	0