

# Patrick M. Fisher

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

3,767  
citations

159585

30  
h-index

144013

57  
g-index

97  
all docs

97  
docs citations

97  
times ranked

4537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lasting effects of a single psilocybin dose on resting-state functional connectivity in healthy individuals. <i>Journal of Psychopharmacology</i> , 2022, 36, 74-84.	4.0	29
2	Dorsal striatal dopamine induces fronto-cortical hypoactivity and attenuates anxiety and compulsive behaviors in rats. <i>Neuropsychopharmacology</i> , 2022, 47, 454-464.	5.4	16
3	Reduced prefrontal cortex response to own vs. unknown emotional infant faces in mothers with bipolar disorder. <i>European Neuropsychopharmacology</i> , 2022, 54, 7-20.	0.7	3
4	Psilocybin-Induced Mystical-Type Experiences are Related to Persisting Positive Effects: A Quantitative and Qualitative Report. <i>Frontiers in Pharmacology</i> , 2022, 13, 841648.	3.5	29
5	Psychedelic resting-state neuroimaging: A review and perspective on balancing replication and novel analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104689.	6.1	45
6	Emotional faces processing in major depressive disorder and prediction of antidepressant treatment response: A NeuroPharm study. <i>Journal of Psychopharmacology</i> , 2022, 36, 626-636.	4.0	11
7	Brain serotonin 2A receptor binding predicts subjective temporal and mystical effects of psilocybin in healthy humans. <i>Journal of Psychopharmacology</i> , 2021, 35, 459-468.	4.0	40
8	Change in prefrontal activity and executive functions after action-based cognitive remediation in bipolar disorder: a randomized controlled trial. <i>Neuropsychopharmacology</i> , 2021, 46, 1113-1121.	5.4	19
9	Reward processing in major depressive disorder and prediction of treatment response – Neuropharm study. <i>European Neuropsychopharmacology</i> , 2021, 44, 23-33.	0.7	10
10	Default mode network functional connectivity negatively associated with trait openness to experience. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 950-961.	3.0	12
11	Brain reactivity during aggressive response in women with premenstrual dysphoric disorder treated with a selective progesterone receptor modulator. <i>Neuropsychopharmacology</i> , 2021, 46, 1460-1467.	5.4	16
12	Psilocybin-induced changes in brain network integrity and segregation correlate with plasma psilocin level and psychedelic experience. <i>European Neuropsychopharmacology</i> , 2021, 50, 121-132.	0.7	57
13	Affective episodes in recently diagnosed patients with bipolar disorder associated with altered working memory-related prefrontal cortex activity: A longitudinal fMRI study. <i>Journal of Affective Disorders</i> , 2021, 295, 647-656.	4.1	8
14	Synaptic Density and Neuronal Metabolic Function Measured by Positron Emission Tomography in the Unilateral 6-OHDA Rat Model of Parkinson’s Disease. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 715811.	2.5	16
15	Common <i>HTR2A</i> variants and <i>5-HTTLPR</i> are not associated with human in vivo serotonin <i>2A</i> receptor levels. <i>Human Brain Mapping</i> , 2020, 41, 4518-4528.	3.6	19
16	Predicting Treatment Outcome in Major Depressive Disorder Using Serotonin 4 Receptor PET Brain Imaging, Functional MRI, Cognitive-, EEG-Based, and Peripheral Biomarkers: A NeuroPharm Open Label Clinical Trial Protocol. <i>Frontiers in Psychiatry</i> , 2020, 11, 641.	2.6	30
17	Oral contraceptives and the serotonin 4 receptor: a molecular brain imaging study in healthy women. <i>Acta Psychiatrica Scandinavica</i> , 2020, 142, 294-306.	4.5	21
18	Cognitive impairment and psychopathology in out-of-hospital cardiac arrest survivors in Denmark: The REVIVAL cohort study protocol. <i>BMJ Open</i> , 2020, 10, e038633.	1.9	6

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19	Visual stimuli induce serotonin release in occipital cortex: A simultaneous positron emission tomography/magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2020, 41, 4753-4763.	3.6	7
20	Small sample corrections for Wald tests in latent variable models. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 841-861.	1.0	5
21	A single psilocybin dose is associated with long-term increased mindfulness, preceded by a proportional change in neocortical 5-HT <sub>2A</sub> receptor binding. <i>European Neuropsychopharmacology</i> , 2020, 33, 71-80.	0.7	88
22	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. <i>Neuropsychopharmacology</i> , 2019, 44, 1328-1334.	5.4	259
23	Recreational use of psychedelics is associated with elevated personality trait openness: Exploration of associations with brain serotonin markers. <i>Journal of Psychopharmacology</i> , 2019, 33, 1068-1075.	4.0	37
24	Covariance statistics and network analysis of brain PET imaging studies. <i>Scientific Reports</i> , 2019, 9, 2496.	3.3	42
25	P.188 Long-term effects of psilocybin on cerebral serotonin 2A receptor levels and personality. <i>European Neuropsychopharmacology</i> , 2019, 29, S144.	0.7	0
26	P.839 Modelling the acute temporal dynamics of psilocybin psychoactive effects; relation to brain serotonin 2a receptor levels. <i>European Neuropsychopharmacology</i> , 2019, 29, S558.	0.7	0
27	P.489 Resting-state default mode network functional connectivity associations with personality trait openness to experience. <i>European Neuropsychopharmacology</i> , 2019, 29, S343-S344.	0.7	0
28	Trait Openness and serotonin 2A receptors in healthy volunteers: A positron emission tomography study. <i>Human Brain Mapping</i> , 2019, 40, 2117-2124.	3.6	8
29	Three weeks of SSRI administration enhances the visual perceptual threshold - a randomized placebo-controlled study. <i>Psychopharmacology</i> , 2019, 236, 1759-1769.	3.1	6
30	Amygdala reactivity to fearful faces correlates positively with impulsive aggression. <i>Social Neuroscience</i> , 2019, 14, 162-172.	1.3	18
31	The utility of employing accuracy-based behavioral measures, when conducting psychopharmacological research of attentional performance. <i>Journal of Vision</i> , 2019, 19, 279c.	0.3	0
32	Amygdala response to emotional faces in seasonal affective disorder. <i>Journal of Affective Disorders</i> , 2018, 229, 288-295.	4.1	8
33	Men with high serotonin 1B receptor binding respond to provocations with heightened amygdala reactivity. <i>NeuroImage</i> , 2018, 166, 79-85.	4.2	15
34	Consciousness in Neurocritical Care Cohort Study Using fMRI and EEG (CONNECT-ME): Protocol for a Longitudinal Prospective Study and a Tertiary Clinical Care Service. <i>Frontiers in Neurology</i> , 2018, 9, 1012.	2.4	12
35	Does glucagon-like peptide-1 (GLP-1) receptor agonist stimulation reduce alcohol intake in patients with alcohol dependence: study protocol of a randomised, double-blinded, placebo-controlled clinical trial. <i>BMJ Open</i> , 2018, 8, e019562.	1.9	22
36	BDNF val66met association with serotonin transporter binding in healthy humans. <i>Translational Psychiatry</i> , 2017, 7, e1029-e1029.	4.8	20

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37	Functional MRI for Assessment of the Default Mode Network in Acute Brain Injury. <i>Neurocritical Care</i> , 2017, 27, 401-406.	2.4	37
38	Brain serotonin 4 receptor binding is inversely associated with verbal memory recall. <i>Brain and Behavior</i> , 2017, 7, e00674.	2.2	13
39	Violent offenders respond to provocations with high amygdala and striatal reactivity. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 802-810.	3.0	61
40	A High-Resolution <i>In Vivo</i> Atlas of the Human Brain's Serotonin System. <i>Journal of Neuroscience</i> , 2017, 37, 120-128.	3.6	8
41	Aggression-related brain function assessed with the Point Subtraction Aggression Paradigm in fMRI. <i>Aggressive Behavior</i> , 2017, 43, 601-610.	2.4	34
42	A High-Resolution <i>In Vivo</i> Atlas of the Human Brain's Serotonin System. <i>Journal of Neuroscience</i> , 2017, 37, 120-128.	3.6	262
43	Pharmacologically Induced Sex Hormone Fluctuation Effects on Resting-State Functional Connectivity in a Risk Model for Depression: A Randomized Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 446-453.	5.4	31
44	Brain Networks Implicated in Seasonal Affective Disorder: A Neuroimaging PET Study of the Serotonin Transporter. <i>Frontiers in Neuroscience</i> , 2017, 11, 614.	2.8	9
45	No evidence for a role of the serotonin 4 receptor in five-factor personality traits: A positron emission tomography brain study. <i>PLoS ONE</i> , 2017, 12, e0184403.	2.5	4
46	Bright-light intervention induces a dose-dependent increase in striatal response to risk in healthy volunteers. <i>NeuroImage</i> , 2016, 139, 37-43.	4.2	7
47	High trait aggression in men is associated with low 5-HT levels, as indexed by 5-HT 4 receptor binding. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 548-555.	3.0	35
48	Threat-related amygdala functional connectivity is associated with 5-HTTLPR genotype and neuroticism. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 140-149.	3.0	37
49	Brain serotonin 4 receptor binding is associated with the cortisol awakening response. <i>Psychoneuroendocrinology</i> , 2016, 67, 124-132.	2.7	17
50	Sex hormone manipulation slows reaction time and increases labile mood in healthy women. <i>Psychoneuroendocrinology</i> , 2016, 68, 39-46.	2.7	12
51	The Center for Integrated Molecular Brain Imaging (Cimbi) database. <i>NeuroImage</i> , 2016, 124, 1213-1219.	4.2	95
52	Molecular Neuroimaging Genetics. , 2016, , 15-30.		0
53	Functional connectivity of the dorsal and median raphe nuclei at rest. <i>NeuroImage</i> , 2015, 116, 187-195.	4.2	85
54	Familial Risk for Major Depression is Associated with Lower Striatal 5-HT4 Receptor Binding. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu034-pyu034.	2.1	35

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55	BDNF Val66met and 5-HTTLPR polymorphisms predict a human in vivo marker for brain serotonin levels. <i>Human Brain Mapping</i> , 2015, 36, 313-323.	3.6	24
56	Fluctuations in [11C]SB207145 PET Binding Associated with Change in Threat-Related Amygdala Reactivity in Humans. <i>Neuropsychopharmacology</i> , 2015, 40, 1510-1518.	5.4	23
57	5-HTTLPR differentially predicts brain network responses to emotional faces. <i>Human Brain Mapping</i> , 2015, 36, 2842-2851.	3.6	14
58	Central 5-HT Neurotransmission Modulates Weight Loss following Gastric Bypass Surgery in Obese Individuals. <i>Journal of Neuroscience</i> , 2015, 35, 5884-5889.	3.6	36
59	In abstinent MDMA users the cortisol awakening response is off-set but associated with prefrontal serotonin transporter binding as in non-users. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1119-1128.	2.1	16
60	Central 5-HT <sub>4</sub> receptor binding as biomarker of serotonergic tonus in humans: a [11C]SB207145 PET study. <i>Molecular Psychiatry</i> , 2014, 19, 427-432.	7.9	80
61	Three-Week Bright-Light Intervention Has Dose-Related Effects on Threat-Related Corticolimbic Reactivity and Functional Coupling. <i>Biological Psychiatry</i> , 2014, 76, 332-339.	1.3	34
62	Cortical surface-based analysis reduces bias and variance in kinetic modeling of brain PET data. <i>NeuroImage</i> , 2014, 92, 225-236.	4.2	179
63	Effects of selective serotonin reuptake inhibition on neural activity related to risky decisions and monetary rewards in healthy males. <i>NeuroImage</i> , 2014, 99, 434-442.	4.2	19
64	The 5-HT <sub>4</sub> receptor levels in hippocampus correlates inversely with memory test performance in humans. <i>Human Brain Mapping</i> , 2013, 34, 3066-3074.	3.6	51
65	Prefrontal serotonin transporter availability is positively associated with the cortisol awakening response. <i>European Neuropsychopharmacology</i> , 2013, 23, 285-294.	0.7	34
66	Identifying serotonergic mechanisms underlying the corticolimbic response to threat in humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120192.	4.0	27
67	Interaction between trait anxiety and trait anger predict amygdala reactivity to angry facial expressions in men but not women. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 213-221.	3.0	82
68	FKBP5 and emotional neglect interact to predict individual differences in amygdala reactivity. <i>Genes, Brain and Behavior</i> , 2012, 11, 869-878.	2.2	161
69	5-HTTLPR status predictive of neocortical 5-HT <sub>4</sub> binding assessed with [11C]SB207145 PET in humans. <i>NeuroImage</i> , 2012, 62, 130-136.	4.2	53
70	Linking variability in brain chemistry and circuit function through multimodal human neuroimaging. <i>Genes, Brain and Behavior</i> , 2012, 11, 633-642.	2.2	27
71	Age, Sex, and Reproductive Hormone Effects on Brain Serotonin-1A and Serotonin-2A Receptor Binding in a Healthy Population. <i>Neuropsychopharmacology</i> , 2011, 36, 2729-2740.	5.4	69
72	Medial prefrontal cortex serotonin 1A and 2A receptor binding interacts to predict threat-related amygdala reactivity. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2011, 1, 2.	4.7	45

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73	Medial Prefrontal Cortex 5-HT <sub>2A</sub> Density Is Correlated with Amygdala Reactivity, Response Habituation, and Functional Coupling. <i>Cerebral Cortex</i> , 2009, 19, 2499-2507.	2.9	110
74	Altered Striatal Activation Predicting Real-World Positive Affect in Adolescent Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2009, 166, 64-73.	7.2	502
75	Effects of HTR1A C(≈1019)G on Amygdala Reactivity and Trait Anxiety. <i>Archives of General Psychiatry</i> , 2009, 66, 33.	12.3	137
76	Identification of neurogenetic pathways of risk for psychopathology. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2008, 148C, 147-153.	1.6	13
77	Acute 5-HT Reuptake Blockade Potentiates Human Amygdala Reactivity. <i>Neuropsychopharmacology</i> , 2008, 33, 3221-3225.	5.4	134
78	Regulation of corticolimbic reactivity via the 5-HT <sub>1A</sub> autoreceptor in the pathophysiology and treatment of depression. <i>Future Neurology</i> , 2007, 2, 121-124.	0.5	2
79	Capacity for 5-HT <sub>1A</sub> -mediated autoregulation predicts amygdala reactivity. <i>Nature Neuroscience</i> , 2006, 9, 1362-1363.	14.8	152
80	Brain serotonin transporter is associated with cognitive-effective biases in healthy individuals. <i>Human Brain Mapping</i> , 0, , .	3.6	3
81	Case Report: Resting-State Brain-Networks After Near-Complete Hemispherectomy in Adulthood. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	0
82	Effects of an Oral Contraceptive on Dynamic Brain States and Network Modularity in a Serial Single-Subject Study. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	4