

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
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97
all docs

97
docs citations

97
times ranked

4537
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. <i>Neuropsychopharmacology</i> , 2019, 44, 1328-1334.	5.4	259
4	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
5	<i>FKBP5</i> and emotional neglect interact to predict individual differences in amygdala reactivity. <i>Genes, Brain and Behavior</i> , 2012, 11, 869-878.	2.2	161
6	Capacity for 5-HT1A-mediated autoregulation predicts amygdala reactivity. <i>Nature Neuroscience</i> , 2006, 9, 1362-1363.	14.8	152
7	Effects of HTR1A C(1019)G on Amygdala Reactivity and Trait Anxiety. <i>Archives of General Psychiatry</i> , 2009, 66, 33.	12.3	137
8	Acute 5-HT Reuptake Blockade Potentiates Human Amygdala Reactivity. <i>Neuropsychopharmacology</i> , 2008, 33, 3221-3225.	5.4	134
9	Medial Prefrontal Cortex 5-HT2A Density Is Correlated with Amygdala Reactivity, Response Habituation, and Functional Coupling. <i>Cerebral Cortex</i> , 2009, 19, 2499-2507.	2.9	110
10	The Center for Integrated Molecular Brain Imaging (Cimbi) database. <i>NeuroImage</i> , 2016, 124, 1213-1219.	4.2	95
11	A single psilocybin dose is associated with long-term increased mindfulness, preceded by a proportional change in neocortical 5-HT2A receptor binding. <i>European Neuropsychopharmacology</i> , 2020, 33, 71-80.	0.7	88
12	Functional connectivity of the dorsal and median raphe nuclei at rest. <i>NeuroImage</i> , 2015, 116, 187-195.	4.2	85
13	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
14	Central 5-HT4 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
15	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
16	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
17	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
18	5-HTTLPR status predictive of neocortical 5-HT4 binding assessed with [11C]SB207145 PET in humans. <i>NeuroImage</i> , 2012, 62, 130-136.	4.2	53

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19	The 5-HT ₄ receptor levels in hippocampus correlates inversely with memory test performance in humans. <i>Human Brain Mapping</i> , 2013, 34, 3066-3074.	3.6	51
20	Medial prefrontal cortex serotonin 1A and 2A receptor binding interacts to predict threat-related amygdala reactivity. <i>Biology of Mood & Anxiety Disorders</i> , 2011, 1, 2.	4.7	45
21	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
22	Covariance statistics and network analysis of brain PET imaging studies. <i>Scientific Reports</i> , 2019, 9, 2496.	3.3	42
23	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
24	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
25	Functional MRI for Assessment of the Default Mode Network in Acute Brain Injury. <i>Neurocritical Care</i> , 2017, 27, 401-406.	2.4	37
26	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
27	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
28	Familial Risk for Major Depression is Associated with Lower Striatal 5-HT ₄ Receptor Binding. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu034-pyu034.	2.1	35
29	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
30	Prefrontal serotonin transporter availability is positively associated with the cortisol awakening response. <i>European Neuropsychopharmacology</i> , 2013, 23, 285-294.	0.7	34
31	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
32	Aggression-related brain function assessed with the Point Subtraction Aggression Paradigm in fMRI. <i>Aggressive Behavior</i> , 2017, 43, 601-610.	2.4	34
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	BDNF val66met association with serotonin transporter binding in healthy humans. <i>Translational Psychiatry</i> , 2017, 7, e1029-e1029.	4.8	20
44	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
45	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
46	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
47	Amygdala reactivity to fearful faces correlates positively with impulsive aggression. <i>Social Neuroscience</i> , 2019, 14, 162-172.	1.3	18
48	Brain serotonin 4 receptor binding is associated with the cortisol awakening response. <i>Psychoneuroendocrinology</i> , 2016, 67, 124-132.	2.7	17
49	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
50	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
51	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
52	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
53	Men with high serotonin 1B receptor binding respond to provocations with heightened amygdala reactivity. <i>NeuroImage</i> , 2018, 166, 79-85.	4.2	15
54	<i>5-HTTLPR</i> differentially predicts brain network responses to emotional faces. <i>Human Brain Mapping</i> , 2015, 36, 2842-2851.	3.6	14

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55	Identification of neurogenetic pathways of risk for psychopathology. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2008, 148C, 147-153.	1.6	13
56	Brain serotonin 4 receptor binding is inversely associated with verbal memory recall. Brain and Behavior, 2017, 7, e00674.	2.2	13
57	Sex hormone manipulation slows reaction time and increases labile mood in healthy women. Psychoneuroendocrinology, 2016, 68, 39-46.	2.7	12
58	Consciousness in Neurocritical Care Cohort Study Using fMRI and EEG (CONNECT-ME): Protocol for a Longitudinal Prospective Study and a Tertiary Clinical Care Service. Frontiers in Neurology, 2018, 9, 1012.	2.4	12
59	Default mode network functional connectivity negatively associated with trait openness to experience. Social Cognitive and Affective Neuroscience, 2021, 16, 950-961.	3.0	12
60	Emotional faces processing in major depressive disorder and prediction of antidepressant treatment response: A NeuroPharm study. Journal of Psychopharmacology, 2022, 36, 626-636.	4.0	11
61	Reward processing in major depressive disorder and prediction of treatment response – Neuropharm study. European Neuropsychopharmacology, 2021, 44, 23-33.	0.7	10
62	Brain Networks Implicated in Seasonal Affective Disorder: A Neuroimaging PET Study of the Serotonin Transporter. Frontiers in Neuroscience, 2017, 11, 614.	2.8	9
63	A High-Resolution <i>In Vivo</i> Atlas of the Human Brain's Serotonin System. Journal of Neuroscience, 2017, 37, 120-128.	3.6	8
64	Amygdala response to emotional faces in seasonal affective disorder. Journal of Affective Disorders, 2018, 229, 288-295.	4.1	8
65	Trait Openness and serotonin 2A receptors in healthy volunteers: A positron emission tomography study. Human Brain Mapping, 2019, 40, 2117-2124.	3.6	8
66	Affective episodes in recently diagnosed patients with bipolar disorder associated with altered working memory-related prefrontal cortex activity: A longitudinal fMRI study. Journal of Affective Disorders, 2021, 295, 647-656.	4.1	8
67	Bright-light intervention induces a dose-dependent increase in striatal response to risk in healthy volunteers. Neurolmage, 2016, 139, 37-43.	4.2	7
68	Visual stimuli induce serotonin release in occipital cortex: A simultaneous positron emission tomography/magnetic resonance imaging study. Human Brain Mapping, 2020, 41, 4753-4763.	3.6	7
69	Three weeks of SSRI administration enhances the visual perceptual threshold - a randomized placebo-controlled study. Psychopharmacology, 2019, 236, 1759-1769.	3.1	6
70	Cognitive impairment and psychopathology in out-of-hospital cardiac arrest survivors in Denmark: The REVIVAL cohort study protocol. BMJ Open, 2020, 10, e038633.	1.9	6
71	Small sample corrections for Wald tests in latent variable models. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 841-861.	1.0	5
72	No evidence for a role of the serotonin 4 receptor in five-factor personality traits: A positron emission tomography brain study. PLoS ONE, 2017, 12, e0184403.	2.5	4

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73	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
74	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
75	Brain serotonin transporter is associated with cognitiveâ€œffective biases in healthy individuals. <i>Human Brain Mapping</i> , 0, , .	3.6	3
76	Regulation of corticolimbic reactivity via the 5-HT1Aautoreceptor in the pathophysiology and treatment of depression. <i>Future Neurology</i> , 2007, 2, 121-124.	0.5	2
77	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
78	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
79	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
80	Molecular Neuroimaging Genetics. , 2016, , 15-30.		0
81	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
82	Case Report: Resting-State Brain-Networks After Near-Complete Hemispherectomy in Adulthood. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	0