Frederick S Barrett

List of Publications by Year
in descending order

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55 papers	4,888 citations	147566 31 h-index	149479 56 g-index
68 all docs	68 docs citations	68 times ranked	2757 citing authors

#	Article	IF	Citations
1	Models of psychedelic drug action: modulation of cortical-subcortical circuits. Brain, 2022, 145, 441-456.	3.7	82
2	Human Cortical Serotonin 2A Receptor Occupancy by Psilocybin Measured Using [11C]MDL 100,907 Dynamic PET and a Resting-State fMRI-Based Brain Parcellation. Frontiers in Neuroergonomics, 2022, 2, .	0.6	4
3	Effects of Setting on Psychedelic Experiences, Therapies, and Outcomes: A Rapid Scoping Review of the Literature. Current Topics in Behavioral Neurosciences, 2022, , 35-70.	0.8	17
4	Efficacy and safety of psilocybin-assisted treatment for major depressive disorder: Prospective 12-month follow-up. Journal of Psychopharmacology, 2022, 36, 151-158.	2.0	162
5	Psilocybin induces spatially constrained alterations in thalamic functional organizaton and connectivity. NeuroImage, 2022, 260, 119434.	2.1	9
6	Effects of Psilocybin-Assisted Therapy on Major Depressive Disorder. JAMA Psychiatry, 2021, 78, 481.	6.0	648
7	Development of the Psychological Insight Questionnaire among a sample of people who have consumed psilocybin or LSD. Journal of Psychopharmacology, 2021, 35, 437-446.	2.0	79
8	Optimal dosing for psilocybin pharmacotherapy: Considering weight-adjusted and fixed dosing approaches. Journal of Psychopharmacology, 2021, 35, 353-361.	2.0	49
9	Psychedelics and Consciousness: Distinctions, Demarcations, and Opportunities. International Journal of Neuropsychopharmacology, 2021, 24, 615-623.	1.0	20
10	Classic Psychedelic Coadministration with Lithium, but Not Lamotrigine, is Associated with Seizures: An Analysis of Online Psychedelic Experience Reports. Pharmacopsychiatry, 2021, 54, 240-245.	1.7	29
11	Psilocybin therapy increases cognitive and neural flexibility in patients with major depressive disorder. Translational Psychiatry, 2021, 11, 574.	2.4	115
12	Psychological flexibility mediates the relations between acute psychedelic effects and subjective decreases in depression and anxiety. Journal of Contextual Behavioral Science, 2020, 15, 39-45.	1.3	172
13	Classical creativity: A functional magnetic resonance imaging (fMRI) investigation of pianist and improviser Gabriela Montero. NeuroImage, 2020, 209, 116496.	2.1	9
14	The Acute Effects of the Atypical Dissociative Hallucinogen Salvinorin A on Functional Connectivity in the Human Brain. Scientific Reports, 2020, 10, 16392.	1.6	28
15	Emotions and brain function are altered up to one month after a single high dose of psilocybin. Scientific Reports, 2020, 10, 2214.	1.6	169
16	Psilocybin acutely alters the functional connectivity of the claustrum with brain networks that support perception, memory, and attention. NeuroImage, 2020, 218, 116980.	2.1	92
17	Resting state functional connectivity and cognitive task-related activation of the human claustrum. NeuroImage, 2019, 196, 59-67.	2.1	55
18	Individual differences in human opioid abuse potential as observed in a human laboratory study. Drug and Alcohol Dependence, 2019, 205, 107688.	1.6	8

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19	Pain-related nucleus accumbens function: modulation by reward and sleep disruption. Pain, 2019, 160, 1196-1207.	2.0	43
20	Classic psychedelics: An integrative review of epidemiology, therapeutics, mystical experience, and brain network function. , 2019, 197, 83-102.		296
21	â€œHallucinationsâ€•Following Acute Cannabis Dosing: A Case Report and Comparison to Other Hallucinogenic Drugs. Cannabis and Cannabinoid Research, 2018, 3, 85-93.	1.5	24
22	Naloxone formulation for overdose reversal preference among patients receiving opioids for pain management. Addictive Behaviors, 2018, 86, 56-60.	1.7	18
23	Serotonin 2A Receptor Signaling Underlies LSD-induced Alteration of the Neural Response to Dynamic Changes in Music. Cerebral Cortex, 2018, 28, 3939-3950.	1.6	34
24	Psilocybin-occasioned mystical-type experience in combination with meditation and other spiritual practices produces enduring positive changes in psychological functioning and in trait measures of prosocial attitudes and behaviors. Journal of Psychopharmacology, 2018, 32, 49-69.	2.0	285
25	Psychedelics and music: neuroscience and therapeutic implications. International Review of Psychiatry, 2018, 30, 350-362.	1.4	41
26	Double-blind comparison of the two hallucinogens psilocybin and dextromethorphan: effects on cognition. Psychopharmacology, 2018, 235, 2915-2927.	1.5	58
27	Opioid Overdose History, Risk Behaviors, and Knowledge in Patients Taking Prescribed Opioids for Chronic Pain. Pain Medicine, 2017, 18, pnw228.	0.9	19
28	The factor structure of the Mystical Experience Questionnaire (MEQ): Reply to Bouso et al., 2016. Human Psychopharmacology, 2017, 32, e2564.	0.7	9
29	Classic Hallucinogens and Mystical Experiences: Phenomenology and Neural Correlates. Current Topics in Behavioral Neurosciences, 2017, 36, 393-430.	0.8	152
30	Molecular imaging of serotonin degeneration in mild cognitive impairment. Neurobiology of Disease, 2017, 105, 33-41.	2.1	61
31	Neuroticism is associated with challenging experiences with psilocybin mushrooms. Personality and Individual Differences, 2017, 117, 155-160.	1.6	54
32	Association between serotonin denervation and restingâ€state functional connectivity in mild cognitive impairment. Human Brain Mapping, 2017, 38, 3391-3401.	1.9	15
33	The ROC Toolbox: A toolbox for analyzing receiver-operating characteristics derived from confidence ratings. Behavior Research Methods, 2017, 49, 1399-1406.	2.3	58
34	Qualitative and Quantitative Features of Music Reported to Support Peak Mystical Experiences during Psychedelic Therapy Sessions. Frontiers in Psychology, 2017, 8, 1238.	1.1	28
35	Behavioral risk assessment for infectious diseases (BRAID): Self-report instrument to assess injection and noninjection risk behaviors in substance users. Drug and Alcohol Dependence, 2016, 168, 69-75.	1.6	10
36	LSD modulates music-induced imagery via changes in parahippocampal connectivity. European Neuropsychopharmacology, 2016, 26, 1099-1109.	0.3	95

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37	Opioid Overdose Experience, Risk Behaviors, and Knowledge in Drug Users from a Rural Versus an Urban Setting. Journal of Substance Abuse Treatment, 2016, 71, 1-7.	1.5	47
38	Survey study of challenging experiences after ingesting psilocybin mushrooms: Acute and enduring positive and negative consequences. Journal of Psychopharmacology, 2016, 30, 1268-1278.	2.0	303
39	Neural responses to nostalgia-evoking music modeled by elements of dynamic musical structure and individual differences in affective traits. Neuropsychologia, 2016, 91, 234-246.	0.7	39
40	The Challenging Experience Questionnaire: Characterization of challenging experiences with psilocybin mushrooms. Journal of Psychopharmacology, 2016, 30, 1279-1295.	2.0	175
41	Emotional Intent Modulates The Neural Substrates Of Creativity: An fMRI Study of Emotionally Targeted Improvisation in Jazz Musicians. Scientific Reports, 2016, 6, 18460.	1.6	57
42	Brief Opioid Overdose Knowledge (BOOK): A Questionnaire to Assess Overdose Knowledge in Individuals Who Use Illicit or Prescribed Opioids. Journal of Addiction Medicine, 2016, 10, 314-323.	1.4	45
43	LSD enhances the emotional response to music. Psychopharmacology, 2015, 232, 3607-3614.	1.5	115
44	Validation of the revised Mystical Experience Questionnaire in experimental sessions with psilocybin. Journal of Psychopharmacology, 2015, 29, 1182-1190.	2.0	318
45	A combined model of sensory and cognitive representations underlying tonal expectations in music: From audio signals to behavior.. Psychological Review, 2014, 121, 33-65.	2.7	64
46	A brief form of the Affective Neuroscience Personality Scales.. Psychological Assessment, 2013, 25, 826-843.	1.2	33
47	Developmental changes in visual short-term memory in infancy: evidence from eye-tracking. Frontiers in Psychology, 2013, 4, 697.	1.1	49
48	Music-evoked nostalgia: Affect, memory, and personality.. Emotion, 2010, 10, 390-403.	1.5	331
49	Automated video-based facial expression analysis of neuropsychiatric disorders. Journal of Neuroscience Methods, 2008, 168, 224-238.	1.3	76
50	Lifestyle regularity and cyclothymic symptomatology. Journal of Clinical Psychology, 2008, 64, 482-500.	1.0	22
51	Brain activation during eye gaze discrimination in stable schizophrenia. Schizophrenia Research, 2008, 99, 286-293.	1.1	20
52	Static posed and evoked facial expressions of emotions in schizophrenia. Schizophrenia Research, 2008, 105, 49-60.	1.1	42
53	Quantifying Facial Expression Abnormality in Schizophrenia by Combining 2D and 3D Features. , 2007, , .		13
54	Association Between Facial Emotion Recognition and Odor Identification in Schizophrenia. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 128-131.	0.9	20

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55	Computerized measurement of facial expression of emotions in schizophrenia. Journal of Neuroscience Methods, 2007, 163, 350-361.	1.3	39