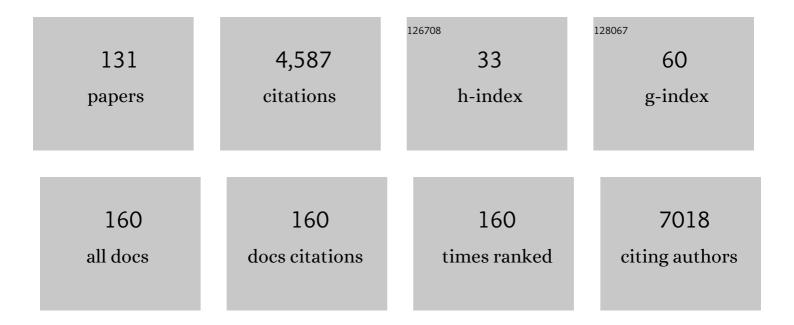
Jeffrey Colm Glennon

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	5-HT2A and 5-HT2C receptor antagonists have opposing effects on a measure of impulsivity: interactions with global 5-HT depletion. Psychopharmacology, 2004, 176, 376-385.	1.5	292
2	Social brain, social dysfunction and social withdrawal. Neuroscience and Biobehavioral Reviews, 2019, 97, 10-33.	2.9	216
3	Intra-prefrontal 8-OH-DPAT and M100907 improve visuospatial attention and decrease impulsivity on the five-choice serial reaction time task in rats. Psychopharmacology, 2003, 167, 304-314.	1.5	207
4	Dissociable Effects of Selective 5-HT2A and 5-HT2C Receptor Antagonists on Serial Spatial Reversal Learning in Rats. Neuropsychopharmacology, 2008, 33, 2007-2019.	2.8	189
5	Psychosocial risk factors for suicidality in children and adolescents. European Child and Adolescent Psychiatry, 2020, 29, 759-776.	2.8	187
6	Ageâ€related decrease in stimulated glutamate release and vesicular glutamate transporters in APP/PS1 transgenic and wildâ€type mice. Journal of Neurochemistry, 2008, 105, 584-594.	2.1	169
7	Where is Cingulate Cortex? A Cross-Species View. Trends in Neurosciences, 2020, 43, 285-299.	4.2	150
8	Opposing Roles for 5-HT2A and 5-HT2C Receptors in the Nucleus Accumbens on Inhibitory Response Control in the 5-Choice Serial Reaction Time Task. Neuropsychopharmacology, 2008, 33, 2398-2406.	2.8	122
9	MSH3 modifies somatic instability and disease severity in Huntington's and myotonic dystrophy type 1. Brain, 2019, 142, 1876-1886.	3.7	114
10	Assessing behavioural and cognitive domains of autism spectrum disorders in rodents: current status and future perspectives. Psychopharmacology, 2014, 231, 1125-1146.	1.5	111
11	Animal models concerning the role of dopamine in attention-deficit hyperactivity disorder. Neuroscience and Biobehavioral Reviews, 2007, 31, 597-618.	2.9	108
12	Glutamatergic and GABAergic gene sets in attention-deficit/hyperactivity disorder: association to overlapping traits in ADHD and autism. Translational Psychiatry, 2017, 7, e999-e999.	2.4	99
13	Fronto-striatal glutamatergic compounds in compulsive and impulsive syndromes: A review of magnetic resonance spectroscopy studies. Neuroscience and Biobehavioral Reviews, 2015, 52, 74-88.	2.9	97
14	Cognitive behavioural therapy with optional graded exercise therapy in patients with severe fatigue with myotonic dystrophy type 1: a multicentre, single-blind, randomised trial. Lancet Neurology, The, 2018, 17, 671-680.	4.9	95
15	A Causal and Mediation Analysis of the Comorbidity Between Attention Deficit Hyperactivity Disorder (ADHD) and Autism Spectrum Disorder (ASD). Journal of Autism and Developmental Disorders, 2017, 47, 1595-1604.	1.7	86
16	Practitioner Review: Psychological treatments for children and adolescents with conduct disorder problems – a systematic review and metaâ€analysis. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 4-18.	3.1	84
17	A Potential Regulatory Role for Intronic microRNA-338-3p for Its Host Gene Encoding Apoptosis-Associated Tyrosine Kinase. PLoS ONE, 2012, 7, e31022.	1.1	65
18	Maternal substance use during pregnancy and offspring conduct problems: A meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 84, 325-336.	2.9	64

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19	AKAPs integrate genetic findings for autism spectrum disorders. Translational Psychiatry, 2013, 3, e270-e270.	2.4	61
20	Unmet needs in paediatric psychopharmacology: Present scenario and future perspectives. European Neuropsychopharmacology, 2015, 25, 1513-1531.	0.3	56
21	Long non-coding RNAs in neurodevelopmental disorders. Frontiers in Molecular Neuroscience, 2013, 6, 53.	1.4	53
22	Dopamine Receptor Pharmacology: Interactions with Serotonin Receptors and Significance for the Aetiology and Treatment of Schizophrenia. CNS and Neurological Disorders - Drug Targets, 2006, 5, 3-23.	0.8	51
23	SLV313 (1-(2,3-Dihydro-Benzo[1,4]Dioxin-5-yl)-4- [5-(4-Fluoro-Phenyl)-Pyridin-3-ylmethyl]-Piperazine) Tj ETQq1 1 C Potential Antipsychotic Drug. Neuropsychopharmacology, 2007, 32, 78-94.).784314 2.8	rgBT /Over 51
24	Cognitive behaviour therapy plus aerobic exercise training to increase activity in patients with myotonic dystrophy type 1 (DM1) compared to usual care (OPTIMISTIC): study protocol for randomised controlled trial. Trials, 2015, 16, 224.	0.7	49
25	Nigral neurotensin receptor regulation of nigral glutamate and nigroventral thalamic GABA transmission: a dual-probe microdialysis study in intact conscious rat brain. Neuroscience, 2001, 102, 113-120.	1.1	46
26	Disentangling causal webs in the brain using functional magnetic resonance imaging: A review of current approaches. Network Neuroscience, 2019, 3, 237-273.	1.4	46
27	Elevated microRNA-181c and microRNA-30d levels in the enlarged amygdala of the valproic acid rat model of autism. Neurobiology of Disease, 2015, 80, 42-53.	2.1	42
28	Intranasal oxytocin administration promotes emotional contagion and reduces aggression in a mouse model of callousness. Neuropharmacology, 2018, 143, 250-267.	2.0	42
29	Effects of robots' intonation and bodily appearance on robot-mediated communicative treatment outcomes for children with autism spectrum disorder. Personal and Ubiquitous Computing, 2018, 22, 379-390.	1.9	40
30	Impaired formalin-evoked changes of spinal amino acid levels in diabetic rats. Brain Research, 2006, 1115, 48-53.	1.1	39
31	Fronto-Striatal Glutamate in Autism Spectrum Disorder and Obsessive Compulsive Disorder. Neuropsychopharmacology, 2017, 42, 2456-2465.	2.8	39
32	Habituation Learning Is a Widely Affected Mechanism in Drosophila Models of Intellectual Disability and Autism Spectrum Disorders. Biological Psychiatry, 2019, 86, 294-305.	0.7	39
33	An integrated molecular landscape implicates the regulation of dendritic spine formation through insulin-related signalling in obsessive–compulsive disorder. Journal of Psychiatry and Neuroscience, 2016, 41, 280-285.	1.4	38
34	Saliva oxytocin, cortisol, and testosterone levels in adolescent boys with autism spectrum disorder, oppositional defiant disorder/conduct disorder and typically developing individuals. European Neuropsychopharmacology, 2020, 30, 87-101.	0.3	37
35	In vitro characterization of SLV308 (7-[4-methyl-1-piperazinyl]-2(3H)-benzoxazolone,) Tj ETQq1 1 0.784314 rgBT receptor agonist. Synapse, 2006, 60, 599-608.	Overlock 0.6	10 Tf 50 10 36
36	Clock genes, ADHD and aggression. Neuroscience and Biobehavioral Reviews, 2018, 91, 51-68.	2.9	36

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37	Conduct disorders. European Child and Adolescent Psychiatry, 2013, 22, 49-54.	2.8	34
38	Psychosocial Stress and Brain Function in Adolescent Psychopathology. American Journal of Psychiatry, 2017, 174, 785-794.	4.0	34
39	Enhancing glutamatergic transmission during adolescence reverses early-life stress-induced deficits in the rewarding effects of cocaine in rats. Neuropharmacology, 2015, 99, 168-176.	2.0	33
40	The link between callous-unemotional traits and neural mechanisms of reward processing: An fMRI study. Psychiatry Research - Neuroimaging, 2016, 255, 75-80.	0.9	33
41	Adherence and acceptability of a robot-assisted Pivotal Response Treatment protocol for children with autism spectrum disorder. Scientific Reports, 2020, 10, 8110.	1.6	33
42	Differential effects of acute and short-term lithium administration on dialysate glutamate and GABA levels in the frontal cortex of the conscious rat. Synapse, 2000, 38, 355-362.	0.6	31
43	Cortical control of aggression: GABA signalling in the anterior cingulate cortex. European Neuropsychopharmacology, 2020, 30, 5-16.	0.3	31
44	ldentification of an age-dependent biomarker signature in children and adolescents with autism spectrum disorders. Molecular Autism, 2013, 4, 27.	2.6	28
45	Using genetic findings in autism for the development of new pharmaceutical compounds. Psychopharmacology, 2014, 231, 1063-1078.	1.5	27
46	The schizophrenia risk gene MIR137 acts as a hippocampal gene network node orchestrating the expression of genes relevant to nervous system development and function. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 73, 109-118.	2.5	27
47	GADL1 is a multifunctional decarboxylase with tissue-specific roles in \hat{I}^2 -alanine and carnosine production. Science Advances, 2020, 6, eabb3713.	4.7	27
48	Effects of d-amphetamine and DOI (2,5-dimethoxy-4-iodoamphetamine) on timing behavior: interaction between D1 and 5-HT2A receptors. Psychopharmacology, 2006, 189, 331-343.	1.5	26
49	Haploinsufficiency of EHMT1 improves pattern separation and increases hippocampal cell proliferation. Scientific Reports, 2017, 7, 40284.	1.6	25
50	Thresholding functional connectomes by means of mixture modeling. NeuroImage, 2018, 171, 402-414.	2.1	25
51	Effects of 5-HT2A receptor stimulation on the discrimination of durations by rats. Behavioural Pharmacology, 2006, 17, 51-59.	0.8	24
52	MicroRNA-326 acts as a molecular switch in the regulation of midbrain urocortin 1 expression. Journal of Psychiatry and Neuroscience, 2016, 41, 342-353.	1.4	24
53	Paediatric European Risperidone Studies (PERS): context, rationale, objectives, strategy, and challenges. European Child and Adolescent Psychiatry, 2014, 23, 1149-1160.	2.8	23
54	A comparison of latent profiles in antisocial male offenders. Journal of Criminal Justice, 2018, 57, 47-55.	1.5	23

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55	Emotional face recognition in male adolescents with autism spectrum disorder or disruptive behavior disorder: an eye-tracking study. European Child and Adolescent Psychiatry, 2018, 27, 1143-1157.	2.8	23
56	Relating constructs of attention and working memory to social withdrawal in Alzheimer's disease and schizophrenia: issues regarding paradigm selection. Neuroscience and Biobehavioral Reviews, 2019, 97, 47-69.	2.9	22
57	TS-EUROTRAIN: A European-Wide Investigation and Training Network on the Etiology and Pathophysiology of Gilles de la Tourette Syndrome. Frontiers in Neuroscience, 2016, 10, 384.	1.4	21
58	The impact of hemodynamic variability and signal mixing on the identifiability of effective connectivity structures in <scp>BOLD fMRI</scp> . Brain and Behavior, 2017, 7, e00777.	1.0	20
59	Converging evidence points towards a role of insulin signaling in regulating compulsive behavior. Translational Psychiatry, 2019, 9, 225.	2.4	20
60	Frontostriatal functional connectivity correlates with repetitive behaviour across autism spectrum disorder and obsessive–compulsive disorder. Psychological Medicine, 2019, 49, 2247-2255.	2.7	20
61	Principal Component Analysis Differentiates the Receptor Binding Profiles of Three Antipsychotic Drug Candidates from Current Antipsychotic Drugs. Journal of Medicinal Chemistry, 2007, 50, 5103-5108.	2.9	19
62	Differential microRNA expression in cultured palatal fibroblasts from infants with cleft palate and controls. European Journal of Orthodontics, 2018, 40, 90-96.	1.1	19
63	Pregnancy risk factors in relation to oppositional-defiant and conduct disorder symptoms in the Avon Longitudinal Study of Parents and Children. Journal of Psychiatric Research, 2018, 101, 63-71.	1.5	18
64	Dimensions of psychopathy in relation to proactive and reactive aggression: Does intelligence matter?. Personality and Individual Differences, 2018, 129, 76-82.	1.6	18
65	Striatal structure and its association with N-Acetylaspartate and glutamate in autism spectrum disorder and obsessive compulsive disorder. European Neuropsychopharmacology, 2018, 28, 118-129.	0.3	18
66	Aggression subtypes relate to distinct resting state functional connectivity in children and adolescents with disruptive behavior. European Child and Adolescent Psychiatry, 2021, 30, 1237-1249.	2.8	18
67	The effects of callous-unemotional traits and aggression subtypes on amygdala activity in response to negative faces. Psychological Medicine, 2022, 52, 476-484.	2.7	18
68	Designing robot-assisted Pivotal Response Training in game activity for children with autism. , 2014, , .		17
69	Insulin Signaling as a Key Moderator in Myotonic Dystrophy Type 1. Frontiers in Neurology, 2019, 10, 1229.	1.1	17
70	Interplay between genome-wide implicated genetic variants and environmental factors related to childhood antisocial behavior in the UK ALSPAC cohort. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 741-752.	1.8	17
71	Self-initiations in young children with autism during Pivotal Response Treatment with and without robot assistance. Autism, 2020, 24, 2117-2128.	2.4	17
72	A central role for anterior cingulate cortex in the control of pathological aggression. Current Biology, 2021, 31, 2321-2333.e5.	1.8	17

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73	Statistical Evidence Suggests that Inattention Drives Hyperactivity/Impulsivity in Attention Deficit-Hyperactivity Disorder. PLoS ONE, 2016, 11, e0165120.	1.1	17
74	Evidence that the effect of 5-HT2 receptor stimulation on temporal differentiation is not mediated by receptors in the dorsal striatum. Behavioural Processes, 2006, 71, 258-267.	0.5	16
75	Methylphenidate Dose-Dependently Affects Aggression and Improves Fear Extinction and Anxiety in BALB/cJ Mice. Frontiers in Psychiatry, 2019, 10, 768.	1.3	16
76	Aggression in BALB/cJ mice is differentially predicted by the volumes of anterior and midcingulate cortex. Brain Structure and Function, 2019, 224, 1009-1019.	1.2	16
77	Glutamatergic Agents in the Treatment of Compulsivity and Impulsivity in Child and Adolescent Psychiatry: a Systematic Review of the Literature. Zeitschrift FÜr Kinder- Und Jugendpsychiatrie Und Psychotherapie, 2018, 46, 246-263.	0.4	16
78	The Effects of Long-Term Child–Robot Interaction on the Attention and the Engagement of Children with Autism. Robotics, 2020, 9, 79.	2.1	15
79	Evidence for a role of 5-HT2C receptors in the motor aspects of performance, but not the efficacy of food reinforcers, in a progressive ratio schedule. Psychopharmacology, 2015, 232, 699-711.	1.5	14
80	Cerebellar Transcranial Direct Current Stimulation Improves Reactive Response Inhibition in Healthy Volunteers. Cerebellum, 2019, 18, 983-988.	1.4	14
81	Gradient of Parvalbumin- and Somatostatin-Expressing Interneurons Across Cingulate Cortex Is Differentially Linked to Aggression and Sociability in BALB/cJ Mice. Frontiers in Psychiatry, 2019, 10, 809.	1.3	14
82	Executive functioning and emotion recognition in youth with oppositional defiant disorder and/or conduct disorder. World Journal of Biological Psychiatry, 2020, 21, 539-551.	1.3	14
83	Pivotal Response Treatment with and without robot-assistance for children with autism: a randomized controlled trial. European Child and Adolescent Psychiatry, 2022, 31, 1871-1883.	2.8	14
84	Serotonin antagonists in the five-choice serial reaction time task and their interactions with nicotine. Behavioural Pharmacology, 2012, 23, 143-152.	0.8	13
85	COMPULS: design of a multicenter phenotypic, cognitive, genetic, and magnetic resonance imaging study in children with compulsive syndromes. BMC Psychiatry, 2016, 16, 361.	1.1	13
86	Development and psychometric properties of the Suicidality: Treatment Occurring in Paediatrics (STOP) Suicidality Assessment Scale (STOP-SAS) in children and adolescents. BMC Pediatrics, 2016, 16, 213.	0.7	13
87	The Virtual-Environment-Foraging Task enables rapid training and single-trial metrics of attention in head-fixed mice. Scientific Reports, 2018, 8, 17371.	1.6	13
88	Neonatal corticosterone mitigates autoimmune neuropsychiatric disorders associated with streptococcus in mice. Scientific Reports, 2018, 8, 10188.	1.6	13
89	Aggressive behavior in transgenic animal models: A systematic review. Neuroscience and Biobehavioral Reviews, 2018, 91, 198-217.	2.9	13
90	Specific cortical and subcortical alterations for reactive and proactive aggression in children and adolescents with disruptive behavior. NeuroImage: Clinical, 2020, 27, 102344.	1.4	13

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91	Circuit to Construct Mapping: A Mathematical Tool for Assisting the Diagnosis and Treatment in Major Depressive Disorder. Frontiers in Psychiatry, 2015, 6, 29.	1.3	12
92	Evidence for a nucleus accumbens CCK2 receptor regulation of rat ventral pallidal GABA levels. Life Sciences, 2000, 68, 483-496.	2.0	11
93	Five factor model personality traits relate to adult attention-deficit/hyperactivity disorder but not to their distinct neurocognitive profiles. Psychiatry Research, 2017, 258, 255-261.	1.7	11
94	Identification of Cholecystokinin by Genome-Wide Profiling as Potential Mediator of Serotonin-Dependent Behavioral Effects of Maternal Separation in the Amygdala. Frontiers in Neuroscience, 2019, 13, 460.	1.4	11
95	Longitudinal Assessment of Strength, Functional Capacity, Oropharyngeal Function, and Quality of Life in Oculopharyngeal Muscular Dystrophy. Neurology, 2021, 97, e1475-e1483.	1.5	11
96	Distinct associations between fronto-striatal glutamate concentrations and callous-unemotional traits and proactive aggression in disruptive behavior. Cortex, 2019, 121, 135-146.	1.1	10
97	Inhibitory control in BALB/c mice sub-strains during extinction learning. European Neuropsychopharmacology, 2019, 29, 509-518.	0.3	10
98	Age-related brain deviations and aggression. Psychological Medicine, 2023, 53, 4012-4021.	2.7	10
99	The effects of callous-unemotional traits and aggression subtypes on amygdala activity in response to negative faces – ERRATUM. Psychological Medicine, 2020, , 1-1.	2.7	9
100	Subgrouping children and adolescents with disruptive behaviors: symptom profiles and the role of callous–unemotional traits. European Child and Adolescent Psychiatry, 2022, 31, 51-66.	2.8	9
101	Modulation of cognitive flexibility by reward and punishment in BALB/cJ and BALB/cByJ mice. Behavioural Brain Research, 2020, 378, 112294.	1.2	8
102	Moral strategies and psychopathic traits Journal of Abnormal Psychology, 2021, 130, 550-561.	2.0	8
103	Structural and functional MRI of altered brain development in a novel adolescent rat model of quinpirole-induced compulsive checking behavior. European Neuropsychopharmacology, 2020, 33, 58-70.	0.3	7
104	Clinical Pharmacology of Conduct Disorder: A Critical Review. Child and Adolescent Psychopharmacology News, 2011, 16, 1-10.	0.1	6
105	Recent Developments in Optical Neuromodulation Technologies. Molecular Neurobiology, 2013, 47, 172-185.	1.9	5
106	The opto-locomotor reflex as a tool to measure sensitivity to moving random dot patterns in mice. Scientific Reports, 2018, 8, 7710.	1.6	5
107	Increasing robustness of pairwise methods for effective connectivity in magnetic resonance imaging by using fractional moment series of BOLD signal distributions. Network Neuroscience, 2019, 3, 1009-1037.	1.4	5
108	Development and psychometric properties of the "Suicidality: Treatment Occurring in Paediatrics (STOP) Risk and Resilience Factors Scales―in adolescents. European Child and Adolescent Psychiatry, 2020, 29, 153-165.	2.8	5

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109	The Virtual-Environment-Foraging Task enables rapid training and single-trial metrics of rule acquisition and reversal in head-fixed mice. Scientific Reports, 2019, 9, 4790.	1.6	4
110	Clinical Outcome Evaluations and CBT Response Prediction in Myotonic Dystrophy. Journal of Neuromuscular Diseases, 2021, 8, 1031-1046.	1.1	4
111	New Findings on the Sensitivity of Free-Operant Timing Behaviour to 5-Hydroxytryptamine Receptor Stimulation. Timing and Time Perception, 2014, 2, 210-232.	0.4	3
112	Riluzole Attenuates L-DOPA-Induced Abnormal Involuntary Movements Through Decreasing CREB1 Activity: Insights from a Rat Model. Molecular Neurobiology, 2019, 56, 5111-5121.	1.9	3
113	Salivary oxytocin after oxytocin administration: Examining the moderating role of childhood trauma. Biological Psychology, 2020, 154, 107903.	1.1	3
114	Structural Degradation in Midcingulate Cortex Is Associated with Pathological Aggression in Mice. Brain Sciences, 2021, 11, 868.	1.1	3
115	Neuropsychological Characterization of Aggressive Behavior in Children and Adolescents with CD/ODD and Effects of Single Doses of Medications: The Protocol of the Matrics_WP6-1 Study. Brain Sciences, 2021, 11, 1639.	1.1	3
116	Blood Transcriptome Profiling Links Immunity to Disease Severity in Myotonic Dystrophy Type 1 (DM1). International Journal of Molecular Sciences, 2022, 23, 3081.	1.8	3
117	Focused issue on conduct disorder and aggressive behaviour. European Child and Adolescent Psychiatry, 2018, 27, 1231-1234.	2.8	2
118	Psychopathic traits influence threat avoidance in a community sample independent of testosterone Personality Disorders: Theory, Research, and Treatment, 2021, 12, 428-436.	1.0	2
119	Memantine treatment does not affect compulsive behavior or frontostriatal connectivity in an adolescent rat model for quinpirole-induced compulsive checking behavior. Psychopharmacology, 2022, 239, 2457-2470.	1.5	2
120	P.1.c.007 Fronto–striatal glutamate in compulsive and impulsive syndromes: a review of MR spectroscopy studies. European Neuropsychopharmacology, 2014, 24, S185.	0.3	1
121	Elevated glutamate levels in anterior cingulate cortex in paediatric compulsive syndromes: a multi-centre magnetic resonance spectroscopy study. European Neuropsychopharmacology, 2016, 26, S720.	0.3	1
122	Deviant circadian rhythmicity, corticosterone variability and trait testosterone levels in aggressive mice. European Journal of Neuroscience, 2022, 55, 1492-1503.	1.2	1
123	Activation of the mediodorsal thalamus — medial prefrontal cortical glutamate pathway in intact conscious brain using dual probe microdialysis. Schizophrenia Research, 2000, 41, 237.	1.1	0
124	Editorial: Jeffrey Glennon & Simone Macrì. Neuroscience and Biobehavioral Reviews, 2018, 91, 1-3.	2.9	0
125	Controlling anterior cingulate cortex dopamine via the mediodorsal thalamus may regulate valuation underlying impulsive action. European Neuropsychopharmacology, 2019, 29, S435-S436.	0.3	0
126	Methylphenidate reduces anxiety and dose dependently affects aggression and sustained attention in BALB/cJ mice. European Neuropsychopharmacology, 2019, 29, S569-S570.	0.3	0

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127	Linking Inattention To Aggression - Data From The BALB/CJ Mouse Model of Aggression. European Neuropsychopharmacology, 2019, 29, S735-S736.	0.3	0
128	FROM FUNCTIONAL TO CAUSAL GENOMICS - ON THE DIRECTED INTERACTIONS IN A GENE CO-EXPRESSION NETWORK UNDERLYING OBSESSIVE COMPULSIVE DISORDER. European Neuropsychopharmacology, 2019, 29, S897.	0.3	0
129	Quantifying free behaviour in an open field using k-motif approach. Scientific Reports, 2019, 9, 19873.	1.6	0
130	Sedative Hypnotic Drugs. , 2021, , 4117-4120.		0
131	Examining Individual Differences in Social Reward Valuation: a Person-Based Approach. Journal of Psychopathology and Behavioral Assessment, 2022, 44, 312-325.	0.7	0