

# Trevor Sharp

## List of Publications by Citations

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138  
papers

8,938  
citations

48  
h-index

92  
g-index

143  
ext. papers

9,564  
ext. citations

5.3  
avg, IF

6.03  
L-index

#	Paper	IF	Citations
138	A review of central 5-HT receptors and their function. <i>Neuropharmacology</i> , <b>1999</b> , 38, 1083-152	5.5	2595
137	Induction of c-Fos expression in specific areas of the fear circuitry in rat forebrain by anxiogenic drugs. <i>Biological Psychiatry</i> , <b>2003</b> , 53, 275-83	7.9	284
136	5-HT <sub>1</sub> agonists reduce 5-hydroxytryptamine release in rat hippocampus in vivo as determined by brain microdialysis. <i>British Journal of Pharmacology</i> , <b>1989</b> , 96, 283-90	8.6	275
135	Effect of neuroleptic drugs on striatal dopamine release and metabolism in the awake rat studied by intracerebral dialysis. <i>European Journal of Pharmacology</i> , <b>1984</b> , 106, 27-37	5.3	224
134	In vivo measurement of extracellular 5-hydroxytryptamine in hippocampus of the anaesthetized rat using microdialysis: changes in relation to 5-hydroxytryptaminergic neuronal activity. <i>Journal of Neurochemistry</i> , <b>1989</b> , 53, 234-40	6	214
133	A safe lithium mimetic for bipolar disorder. <i>Nature Communications</i> , <b>2013</b> , 4, 1332	17.4	177
132	Role of the medial prefrontal cortex in 5-HT <sub>1A</sub> receptor-induced inhibition of 5-HT neuronal activity in the rat. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1741-50	8.6	174
131	Effect of the 5-HT <sub>1A</sub> receptor agonist 8-OH-DPAT on the release of 5-HT in dorsal and median raphe-innervated rat brain regions as measured by in vivo microdialysis. <i>Life Sciences</i> , <b>1991</b> , 48, 1779-86	6.8	169
130	Inhibition of 5-HT neuron activity and induction of depressive-like behavior by high-frequency stimulation of the subthalamic nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 17087-92	11.5	160
129	Important messages in the post recent discoveries in 5-HT neurone feedback control. <i>Trends in Pharmacological Sciences</i> , <b>2007</b> , 28, 629-36	13.2	151
128	Long-term behavioural, molecular and morphological effects of neonatal NMDA receptor antagonism. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 1706-10	3.5	144
127	Increased expression of the 5-HT transporter confers a low-anxiety phenotype linked to decreased 5-HT transmission. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 8955-64	6.6	124
126	Pharmacological characterization of 8-OH-DPAT-induced inhibition of rat hippocampal 5-HT release in vivo as measured by microdialysis. <i>British Journal of Pharmacology</i> , <b>1989</b> , 98, 989-97	8.6	115
125	Mixed agonist/antagonist properties of NAN-190 at 5-HT <sub>1A</sub> receptors: behavioural and in vivo brain microdialysis studies. <i>Life Sciences</i> , <b>1990</b> , 46, 955-63	6.8	113
124	Interaction of the novel antipsychotic aripiprazole with 5-HT <sub>1A</sub> and 5-HT <sub>2A</sub> receptors: functional receptor-binding and in vivo electrophysiological studies. <i>Psychopharmacology</i> , <b>2007</b> , 190, 373-82	4.7	108
123	Further evaluation of the mechanism by which amphetamine reduces striatal dopamine metabolism: a brain dialysis study. <i>European Journal of Pharmacology</i> , <b>1986</b> , 132, 1-9	5.3	102
122	Comparing the role of the anterior cingulate cortex and 6-hydroxydopamine nucleus accumbens lesions on operant effort-based decision making. <i>European Journal of Neuroscience</i> , <b>2009</b> , 29, 1678-91	3.5	98

121	Application of brain microdialysis to study the pharmacology of the 5-HT <sub>1A</sub> autoreceptor. <i>Journal of Neuroscience Methods</i> , <b>1990</b> , 34, 83-90	3	97
120	Further investigation of the in vivo pharmacological properties of the putative 5-HT <sub>1A</sub> antagonist, BMY 7378. <i>European Journal of Pharmacology</i> , <b>1990</b> , 176, 331-40	5.3	93
119	S32006, a novel 5-HT <sub>2C</sub> receptor antagonist displaying broad-based antidepressant and anxiolytic properties in rodent models. <i>Psychopharmacology</i> , <b>2008</b> , 199, 549-68	4.7	91
118	In vivo inhibition of neuronal activity in the rat ventromedial prefrontal cortex by midbrain-raphe nuclei: role of 5-HT <sub>1A</sub> receptors. <i>Neuropharmacology</i> , <b>2003</b> , 45, 72-81	5.5	90
117	Inhibition of median and dorsal raphe neurones following administration of the selective serotonin reuptake inhibitor paroxetine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1995</b> , 351, 624-9	3.4	89
116	In vivo evidence that 5-HT <sub>2C</sub> receptors inhibit 5-HT neuronal activity via a GABAergic mechanism. <i>British Journal of Pharmacology</i> , <b>2006</b> , 149, 861-9	8.6	87
115	Serotonin, Amygdala and Fear: Assembling the Puzzle. <i>Frontiers in Neural Circuits</i> , <b>2016</b> , 10, 24	3.5	81
114	Behavioural evidence for a functional interaction between central 5-HT <sub>2</sub> and 5-HT <sub>1A</sub> receptors. <i>British Journal of Pharmacology</i> , <b>1990</b> , 100, 793-9	8.6	79
113	Differential pulse voltammetry in vivo—evidence that uric acid contributes to the indole oxidation peak. <i>Neuroscience Letters</i> , <b>1983</b> , 43, 203-7	3.3	79
112	Thyrotrophin-releasing hormone analogues increase dopamine release from slices of rat brain. <i>Journal of Neurochemistry</i> , <b>1982</b> , 39, 1763-6	6	79
111	Neurochemical identification of stereotypic burst-firing neurons in the rat dorsal raphe nucleus using juxtacellular labelling methods. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 119-26	3.5	78
110	Effect of the Putative Lithium Mimetic Ebselen on Brain Myo-Inositol, Sleep, and Emotional Processing in Humans. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1768-78	8.7	72
109	5-HT and depression: is the glass half-full?. <i>Current Opinion in Pharmacology</i> , <b>2011</b> , 11, 45-51	5.1	69
108	Evidence that central 5-HT <sub>2A</sub> and 5-HT <sub>2B/C</sub> receptors regulate 5-HT cell firing in the dorsal raphe nucleus of the anaesthetised rat. <i>British Journal of Pharmacology</i> , <b>2003</b> , 139, 998-1004	8.6	68
107	Control of Amygdala Circuits by 5-HT Neurons via 5-HT and Glutamate Cotransmission. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 1785-1796	6.6	67
106	Does gene deletion of AMPA GluA1 phenocopy features of schizoaffective disorder?. <i>Neurobiology of Disease</i> , <b>2010</b> , 40, 608-21	7.5	64
105	Olanzapine activates the rat locus coeruleus: in vivo electrophysiology and c-Fos immunoreactivity. <i>Biological Psychiatry</i> , <b>2001</b> , 50, 510-20	7.9	62
104	Electrophysiological and neurochemical evidence that pindolol has agonist properties at the 5-HT <sub>1A</sub> autoreceptor in vivo. <i>British Journal of Pharmacology</i> , <b>1998</b> , 124, 206-12	8.6	61

103	Evidence for increased expression of the vesicular glutamate transporter, VGLUT1, by a course of antidepressant treatment. <i>Journal of Neurochemistry</i> , <b>2005</b> , 94, 875-83	6	60
102	Serotonin-dependent depression in Parkinson's disease: a role for the subthalamic nucleus?. <i>Neuropharmacology</i> , <b>2011</b> , 61, 387-99	5.5	59
101	Investigation of the SSRI augmentation properties of 5-HT(2) receptor antagonists using in vivo microdialysis. <i>Neuropharmacology</i> , <b>2006</b> , 50, 726-32	5.5	57
100	Regulation of markers of synaptic function in mouse models of depression: chronic mild stress and decreased expression of VGLUT1. <i>Journal of Neurochemistry</i> , <b>2010</b> , 114, 1302-14	6	56
99	beta-blocker binding to human 5-HT(1A) receptors in vivo and in vitro: implications for antidepressant therapy. <i>Neuropsychopharmacology</i> , <b>2000</b> , 23, 285-93	8.7	56
98	Effect of a selective 5-hydroxytryptamine reuptake inhibitor on brain extracellular noradrenaline: microdialysis studies using paroxetine. <i>European Journal of Pharmacology</i> , <b>2000</b> , 407, 101-7	5.3	55
97	Effect of naloxone-precipitated morphine withdrawal on noradrenaline release in rat hippocampus in vivo. <i>European Journal of Pharmacology</i> , <b>1992</b> , 215, 333-6	5.3	55
96	Effects of the potential lithium-mimetic, ebsefen, on impulsivity and emotional processing. <i>Psychopharmacology</i> , <b>2016</b> , 233, 2655-61	4.7	54
95	Widespread distribution of binding sites for the novel Ca <sup>2+</sup> -mobilizing messenger, nicotinic acid adenine dinucleotide phosphate, in the brain. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 36495-7	5.4	54
94	Deep brain stimulation of the nucleus accumbens shell increases impulsive behavior and tissue levels of dopamine and serotonin. <i>Experimental Neurology</i> , <b>2010</b> , 225, 302-9	5.7	53
93	Brain responses to chronic social defeat stress: effects on regional oxidative metabolism as a function of a hedonic trait, and gene expression in susceptible and resilient rats. <i>European Neuropsychopharmacology</i> , <b>2011</b> , 21, 92-107	1.2	50
92	Opposing alterations in anxiety and species-typical behaviours in serotonin transporter overexpressor and knockout mice. <i>European Neuropsychopharmacology</i> , <b>2011</b> , 21, 108-16	1.2	50
91	Sexually dimorphic effects of catechol-O-methyltransferase (COMT) inhibition on dopamine metabolism in multiple brain regions. <i>PLoS ONE</i> , <b>2013</b> , 8, e61839	3.7	49
90	International Union of Basic and Clinical Pharmacology. CX. Classification of Receptors for 5-hydroxytryptamine; Pharmacology and Function. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 310-520	22.5	48
89	S32504, a novel naphthoxazine agonist at dopamine D3/D2 receptors: III. Actions in models of potential antidepressive and anxiolytic activity in comparison with ropinirole. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2004</b> , 309, 936-50	4.7	45
88	Activation of 5-HT(6) receptors facilitates attentional set shifting. <i>Psychopharmacology</i> , <b>2010</b> , 208, 13-21	4.7	43
87	Influence of 5-HT1A receptors on central noradrenergic activity: microdialysis studies using (+/-)-MDL 73005EF and its enantiomers. <i>Neuropharmacology</i> , <b>1999</b> , 38, 299-306	5.5	43
86	Further pharmacological characterization of 5-HT(2C) receptor agonist-induced inhibition of 5-HT neuronal activity in the dorsal raphe nucleus in vivo. <i>British Journal of Pharmacology</i> , <b>2009</b> , 158, 1477-85	8.6	42

85	A role for midbrain raphe gamma aminobutyric acid neurons in 5-hydroxytryptamine feedback control. <i>NeuroReport</i> , <b>2005</b> , 16, 891-6	1.7	42
84	Rapid postmortem increase in extracellular dopamine in the rat brain as assessed by brain microdialysis. <i>Journal of Neurochemistry</i> , <b>1988</b> , 51, 746-9	6	41
83	Fenfluramine evokes 5-HT <sub>2A</sub> receptor-mediated responses but does not displace [11C]MDL 100907: small animal PET and gene expression studies. <i>Synapse</i> , <b>2003</b> , 50, 251-60	2.4	40
82	Central 5-HT receptors and their function; present and future. <i>Neuropharmacology</i> , <b>2020</b> , 177, 108155	5.5	36
81	8-OH-DPAT-induced release of hippocampal noradrenaline in vivo: evidence for a role of both 5-HT <sub>1A</sub> and dopamine D <sub>1</sub> receptors. <i>European Journal of Pharmacology</i> , <b>1996</b> , 314, 285-91	5.3	36
80	A combined in vivo neurochemical and electrophysiological analysis of the effect of high-frequency stimulation of the subthalamic nucleus on 5-HT transmission. <i>Experimental Neurology</i> , <b>2012</b> , 233, 145-53	5.7	34
79	Use of Arc expression as a molecular marker of increased postsynaptic 5-HT function after SSRI/5-HT <sub>1A</sub> receptor antagonist co-administration. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 1480-7	6	34
78	Pindolol occupancy of 5-HT(1A) receptors measured in vivo using small animal positron emission tomography with carbon-11 labeled WAY 100635. <i>Synapse</i> , <b>2000</b> , 36, 330-41	2.4	34
77	Burst-firing activity of presumed 5-HT neurones of the rat dorsal raphe nucleus: electrophysiological analysis by antidromic stimulation. <i>Brain Research</i> , <b>1996</b> , 740, 162-8	3.7	31
76	Expression of 5-HT receptors and the 5-HT transporter in rat brain after electroconvulsive shock. <i>Neuroscience Letters</i> , <b>1999</b> , 277, 79-82	3.3	30
75	Increased Serotonin Transporter Expression Reduces Fear and Recruitment of Parvalbumin Interneurons of the Amygdala. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 3015-26	8.7	29
74	Non-linear relationship between 5-HT transporter gene expression and frequency sensitivity of 5-HT signals. <i>Journal of Neurochemistry</i> , <b>2010</b> , 115, 965-73	6	28
73	Intracellular recordings from burst-firing presumed serotonergic neurones in the rat dorsal raphe nucleus in vivo. <i>Brain Research</i> , <b>1996</b> , 737, 308-12	3.7	28
72	Increased electrical and metabolic activity in the dorsal raphe nucleus of Parkinsonian rats. <i>Brain Research</i> , <b>2008</b> , 1221, 93-7	3.7	27
71	Simultaneous blockade of 5-HT <sub>1A/B</sub> receptors and 5-HT transporters results in acute increases in extracellular 5-HT in both rats and guinea pigs: in vivo characterization of the novel 5-HT <sub>1A/B</sub> receptor antagonist/5-HT transport inhibitor SB-649915-B. <i>Psychopharmacology</i> , <b>2007</b> , 192, 121-33	4.7	27
70	Effect of sulpiride on amphetamine-induced behaviour in relation to changes in striatal dopamine release in vivo. <i>European Journal of Pharmacology</i> , <b>1986</b> , 129, 411-5	5.3	27
69	A 5-hydroxytryptamine lesion markedly reduces the incidence of burst-firing dorsal raphe neurones in the rat. <i>Neuroscience Letters</i> , <b>1996</b> , 204, 161-4	3.3	26
68	Selective 5-HT <sub>1A</sub> and 5-HT <sub>2</sub> receptor-mediated adrenocorticotropin release in the rat: effect of repeated antidepressant treatments. <i>European Journal of Pharmacology</i> , <b>1992</b> , 221, 27-33	5.3	26

67	Fornix deep brain stimulation enhances acetylcholine levels in the hippocampus. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 4281-4286	4	24
66	High-frequency stimulation of the subthalamic nucleus inhibits the firing of juxtacellular labelled 5-HT-containing neurones. <i>Neuroscience</i> , <b>2011</b> , 186, 135-45	3.9	24
65	S32212, a novel serotonin type 2C receptor inverse agonist/ $\alpha$ -adrenoceptor antagonist and potential antidepressant: II. A behavioral, neurochemical, and electrophysiological characterization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 340, 765-80	4.7	24
64	Clonidine but not nifedipine prevents the release of noradrenaline during naloxone-precipitated opiate withdrawal: an in vivo microdialysis study in the rat. <i>Psychopharmacology</i> , <b>1992</b> , 109, 235-8	4.7	23
63	High frequency stimulation of the subthalamic nucleus increases c-fos immunoreactivity in the dorsal raphe nucleus and afferent brain regions. <i>Journal of Psychiatric Research</i> , <b>2011</b> , 45, 1307-15	5.2	22
62	Pharmacological evidence that 5-HT receptor blockade selectively improves decision making when rewards are paired with audiovisual cues in a rat gambling task. <i>Psychopharmacology</i> , <b>2017</b> , 234, 3091-3104	4.7	21
61	d-amino acid oxidase knockout (Dao(-/-) ) mice show enhanced short-term memory performance and heightened anxiety, but no sleep or circadian rhythm disruption. <i>European Journal of Neuroscience</i> , <b>2015</b> , 41, 1167-79	3.5	21
60	Effects of co-administration of a monoamine oxidase inhibitor and a 5-HT1A receptor antagonist on 5-hydroxytryptamine cell firing and release. <i>European Journal of Pharmacology</i> , <b>1997</b> , 320, 15-9	5.3	21
59	Tyrosine depletion attenuates the behavioural stimulant effects of amphetamine and cocaine in rats. <i>European Journal of Pharmacology</i> , <b>2001</b> , 424, 115-9	5.3	21
58	Effect of 5-HT(1A) receptor ligands on Fos-like immunoreactivity in rat brain: evidence for activation of noradrenergic transmission. <i>Synapse</i> , <b>1999</b> , 34, 145-53	2.4	21
57	The effect of kainic acid on the release of GABA in rat neostriatum and substantia nigra. <i>NeuroReport</i> , <b>1994</b> , 5, 1233-6	1.7	21
56	Variation in serotonin transporter expression modulates fear-evoked hemodynamic responses and theta-frequency neuronal oscillations in the amygdala. <i>Biological Psychiatry</i> , <b>2014</b> , 75, 901-8	7.9	20
55	Reduced sensitivity to both positive and negative reinforcement in mice over-expressing the 5-hydroxytryptamine transporter. <i>European Journal of Neuroscience</i> , <b>2014</b> , 40, 3735-45	3.5	18
54	Effects of the 5-HT(4) receptor agonist RS67333 and paroxetine on hippocampal extracellular 5-HT levels. <i>Neuroscience Letters</i> , <b>2010</b> , 476, 58-61	3.3	18
53	The putative lithium-mimetic ebselen reduces impulsivity in rodent models. <i>Journal of Psychopharmacology</i> , <b>2018</b> , 32, 1018-1026	4.6	17
52	Region-specific effects of a tyrosine-free amino acid mixture on amphetamine-induced changes in BOLD fMRI signal in the rat brain. <i>Synapse</i> , <b>2007</b> , 61, 925-32	2.4	17
51	Searching for cognitive enhancement in the Morris water maze: better and worse performance in D-amino acid oxidase knockout (Dao(-/-)) mice. <i>European Journal of Neuroscience</i> , <b>2016</b> , 43, 979-89	3.5	17
50	Pharmacological Evidence for 5-HT6 Receptor Modulation of 5-HT Neuron Firing in Vivo. <i>ACS Chemical Neuroscience</i> , <b>2015</b> , 6, 1241-7	5.7	16

49	Genetic mouse models relevant to schizophrenia: taking stock and looking forward. <i>Neuropharmacology</i> , <b>2012</b> , 62, 1164-7	5.5	16
48	Critical issues in the antisense inhibition of brain gene expression in vivo: experiences targeting the 5-HT <sub>1A</sub> receptor. <i>Neurochemistry International</i> , <b>1997</b> , 31, 349-62	4.4	16
47	Effect of different 5-HT <sub>1A</sub> receptor antagonists in combination with paroxetine on expression of the immediate-early gene Arc in rat brain. <i>Neuropharmacology</i> , <b>2003</b> , 44, 893-902	5.5	16
46	In vivo monoamine release during naloxone-precipitated morphine withdrawal. <i>NeuroReport</i> , <b>1993</b> , 4, 1043-5	1.7	16
45	Fos immunocytochemical studies on the neuroanatomical sites of action of acute tyrosine depletion in the rat brain. <i>Psychopharmacology</i> , <b>2004</b> , 171, 435-40	4.7	15
44	A Model of Post-Infection Fatigue Is Associated with Increased TNF and 5-HT <sub>2A</sub> Receptor Expression in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130643	3.7	15
43	Genotype-Dependent Effects of COMT Inhibition on Cognitive Function in a Highly Specific, Novel Mouse Model of Altered COMT Activity. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 3060-3069	8.7	15
42	Neurovascular and neuroimaging effects of the hallucinogenic serotonin receptor agonist psilocin in the rat brain. <i>Neuropharmacology</i> , <b>2015</b> , 99, 210-20	5.5	14
41	Systemic inflammation alters central 5-HT function as determined by pharmacological MRI. <i>NeuroImage</i> , <b>2013</b> , 75, 177-186	7.9	14
40	Parkinson's disease, DBS and suicide: a role for serotonin?. <i>Brain</i> , <b>2009</b> , 132, e126; author reply e127	11.2	14
39	Molecular and cellular mechanisms of antidepressant action. <i>Current Topics in Behavioral Neurosciences</i> , <b>2013</b> , 14, 309-25	3.4	14
38	Molecular adaptation to chronic antidepressant treatment: evidence for a more rapid response to the novel $\alpha$ -adrenoceptor antagonist/5-HT-noradrenaline reuptake inhibitor (SNRI), S35966, compared to the SNRI, venlafaxine. <i>International Journal of Neuropsychopharmacology</i> , <b>2012</b> , 15, 617-29	5.8	14
37	Tyrosine-free amino acid mixture attenuates amphetamine-induced displacement of [ <sup>11</sup> C]raclopride in striatum in vivo: a rat PET study. <i>Synapse</i> , <b>2004</b> , 51, 151-7	2.4	14
36	Genetic variation in 5-hydroxytryptamine transporter expression causes adaptive changes in 5-HT <sub>1A</sub> receptor levels. <i>International Journal of Neuropsychopharmacology</i> , <b>2012</b> , 15, 1099-107	5.8	13
35	Effect of acute tyrosine depletion in using a branched chain amino-acid mixture on dopamine neurotransmission in the rat brain. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 310-7	8.7	13
34	Effects of subchronic haloperidol and sulpiride on regional brain dopamine metabolism in the rat. <i>European Journal of Pharmacology</i> , <b>1986</b> , 129, 401-4	5.3	13
33	Decreased striatal dopamine in group II metabotropic glutamate receptor (mGlu <sub>2</sub> /mGlu <sub>3</sub> ) double knockout mice. <i>BMC Neuroscience</i> , <b>2013</b> , 14, 102	3.2	12
32	Tyrosine-free amino acid mixtures reduce physiologically-evoked release of dopamine in a selective and activity-dependent manner. <i>Journal of Psychopharmacology</i> , <b>2014</b> , 28, 561-9	4.6	12

31	Electrical stimulation of the dorsal and median raphe nuclei increases extracellular noradrenaline in rat hippocampus: Evidence for a 5-HT-independent mechanism. <i>Pharmacology Biochemistry and Behavior</i> , <b>2002</b> , 71, 807-13	3.9	12
30	cis-(+)-8-OH-1-CH <sub>3</sub> -DPAT, (+)ALK-3, a novel stereoselective pharmacological probe for characterizing 5-HT release-controlling 5-HT <sub>1A</sub> autoreceptors. An in vivo brain microdialysis study. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1990</b> , 341, 149-57	3.4	12
29	Increased burst-firing of ventral tegmental area dopaminergic neurons in D-amino acid oxidase knockout mice in vivo. <i>European Journal of Neuroscience</i> , <b>2014</b> , 40, 2999-3009	3.5	11
28	High-frequency stimulation of the substantia nigra induces serotonin-dependent depression-like behavior in animal models. <i>Biological Psychiatry</i> , <b>2013</b> , 73, e1-3	7.9	11
27	D-amino acid oxidase is expressed in the ventral tegmental area and modulates cortical dopamine. <i>Frontiers in Synaptic Neuroscience</i> , <b>2014</b> , 6, 11	3.5	10
26	Neuroscience. A new molecule to brighten the mood. <i>Science</i> , <b>2006</b> , 311, 45-6	33.3	10
25	Nicotine inhibits firing activity of dorsal raphe 5-HT neurones in vivo. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2000</b> , 362, 41-5	3.4	10
24	Enhanced discriminative aversive learning and amygdala responsivity in 5-HT transporter mutant mice. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 139	8.6	8
23	Differential gene expression in mutant mice overexpressing or deficient in the serotonin transporter: a focus on urocortin 1. <i>European Neuropsychopharmacology</i> , <b>2011</b> , 21, 33-44	1.2	8
22	Partial postsynaptic 5-HT <sub>1A</sub> agonist properties of the novel stereoselective 8-OH-DPAT analogue (+)cis-8-hydroxy-1-methyl-2-(di-n-propylamino)tetralin, (+)ALK-3. <i>European Journal of Pharmacology</i> , <b>1989</b> , 170, 269-74	5.3	8
21	High-frequency stimulation of the subthalamic nucleus modulates neuronal activity in the lateral habenula nucleus. <i>European Journal of Neuroscience</i> , <b>2016</b> , 44, 2698-2707	3.5	7
20	Electroconvulsive shock increases tachykinin NK(1) receptors, but not the encoding mRNA, in rat cortex. <i>European Journal of Pharmacology</i> , <b>2001</b> , 413, 213-9	5.3	7
19	Opportunities for multiscale computational modelling of serotonergic drug effects in Alzheimer's disease. <i>Neuropharmacology</i> , <b>2020</b> , 174, 108118	5.5	7
18	Blockade of $\alpha$ -adrenoceptors induces Arc gene expression in rat brain in a glutamate receptor-dependent manner: a combined qPCR, in situ hybridisation and immunocytochemistry study. <i>Neuropharmacology</i> , <b>2012</b> , 63, 992-1001	5.5	6
17	The novel monoamine reuptake inhibitor and potential antidepressant, S33005, induces Arc gene expression in cerebral cortex. <i>European Journal of Pharmacology</i> , <b>2004</b> , 489, 179-85	5.3	6
16	Cerebral oxidative metabolism mapping in four genetic mouse models of anxiety and mood disorders. <i>Behavioural Brain Research</i> , <b>2019</b> , 356, 435-443	3.4	5
15	The novel monoamine reuptake inhibitor and potential antidepressant, S33005, induces Arc gene expression in cerebral cortex. <i>European Journal of Pharmacology</i> , <b>2004</b> , 495, 227-33	5.3	5
14	Serotonergic Feedback Control. <i>Handbook of Behavioral Neuroscience</i> , <b>2010</b> , 21, 233-247	0.7	4



13	The role of calcium in the pharmacology of mania. <i>Human Psychopharmacology</i> , <b>1989</b> , 4, 139-144	2.3	4
12	An Early Stage Researcher's Primer on Systems Medicine Terminology. <i>Network and Systems Medicine</i> , <b>2021</b> , 4, 2-50	4	4
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2	Psilocin acutely disrupts sleep and affects local but not global sleep homeostasis in laboratory mice		1
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