

# Kevin Fone

## List of Publications by Year in descending order

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95  
papers

8,213  
citations

41344

49  
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46799

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95  
docs citations

95  
times ranked

8233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopaminergic neuromodulation of prefrontal cortex activity requires the NMDA receptor coagonist $\alpha$ -serine. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
2	Comparative Pro-cognitive and Neurochemical Profiles of Glycine Modulatory Site Agonists and Glycine Reuptake Inhibitors in the Rat: Potential Relevance to Cognitive Dysfunction and Its Management. Molecular Neurobiology, 2020, 57, 2144-2166.	4.0	17
3	Oxytocin attenuates phencyclidine hyperactivity and increases social interaction and nucleus accumbens dopamine release in rats. Neuropsychopharmacology, 2019, 44, 295-305.	5.4	44
4	Post-weaning social isolation of rats leads to long-term disruption of the gut microbiota-immune-brain axis. Brain, Behavior, and Immunity, 2018, 68, 261-273.	4.1	97
5	Role of the anterior cingulate cortex in the retrieval of novel object recognition memory after a long delay. Learning and Memory, 2017, 24, 310-317.	1.3	22
6	Infections Up to 76 Days After Stroke Increase Disability and Death. Translational Stroke Research, 2017, 8, 541-548.	4.2	25
7	Contribution of serotonin and dopamine to changes in core body temperature and locomotor activity in rats following repeated administration of mephedrone. Addiction Biology, 2016, 21, 1127-1139.	2.6	33
8	Down-Regulation of Hippocampal Genes Regulating Dopaminergic, GABAergic, and Glutamatergic Function Following Combined Neonatal Phencyclidine and Post-Weaning Social Isolation of Rats as a Neurodevelopmental Model for Schizophrenia. International Journal of Neuropsychopharmacology, 2016, 19, pyw062.	2.1	27
9	The dopamine D <sub>3</sub> -preferring D <sub>2</sub> /D <sub>3</sub> dopamine receptor partial agonist, cariprazine, reverses behavioural changes in a rat neurodevelopmental model for schizophrenia. European Neuropsychopharmacology, 2016, 26, 208-224.	0.7	49
10	Dopamine D1 receptor stimulation modulates the formation and retrieval of novel object recognition memory: Role of the prelimbic cortex. European Neuropsychopharmacology, 2015, 25, 2145-2156.	0.7	43
11	Too Little and Too Much: Hypoactivation and Disinhibition of Medial Prefrontal Cortex Cause Attentional Deficits. Journal of Neuroscience, 2014, 34, 7931-7946.	3.6	96
12	In Vivo Neurometabolic Profiling to Characterize the Effects of Social Isolation and Ketamine-Induced NMDA Antagonism: A Rodent Study at 7.0 T. Schizophrenia Bulletin, 2014, 40, 566-574.	4.3	28
13	Negative symptoms of schizophrenia: Clinical characteristics, pathophysiological substrates, experimental models and prospects for improved treatment. European Neuropsychopharmacology, 2014, 24, 645-692.	0.7	255
14	Neonatal phencyclidine administration and post-weaning social isolation as a dual-hit model of "schizophrenia-like" behaviour in the rat. Psychopharmacology, 2014, 231, 2533-2545.	3.1	39
15	The preclinical pharmacology of mephedrone; not just MDMA by another name. British Journal of Pharmacology, 2014, 171, 2251-2268.	5.4	61
16	D-Amphetamine and Antipsychotic Drug Effects on Latent Inhibition in Mice Lacking Dopamine D2 Receptors. Neuropsychopharmacology, 2013, 38, 1512-1520.	5.4	18
17	The atypical antipsychotic risperidone reverses the recognition memory deficits induced by post-weaning social isolation in rats. Psychopharmacology, 2013, 228, 31-42.	3.1	31
18	Behavioural and neurochemical comparison of chronic intermittent cathinone, mephedrone and MDMA administration to the rat. European Neuropsychopharmacology, 2013, 23, 1085-1095.	0.7	73

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19	Differential effects of cathinone compounds and <scp>MDMA</scp> on body temperature in the rat, and pharmacological characterization of mephedrone-induced hypothermia. <i>British Journal of Pharmacology</i> , 2013, 168, 966-977.	5.4	43
20	Selective Blockade of Dopamine D3 Receptors Enhances while D2 Receptor Antagonism Impairs Social Novelty Discrimination and Novel Object Recognition in Rats: A Key Role for the Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2012, 37, 770-786.	5.4	138
21	S32212, a Novel Serotonin Type 2C Receptor Inverse Agonist/±<sub>2</sub>-Adrenoceptor Antagonist and Potential Antidepressant: II. A Behavioral, Neurochemical, and Electrophysiological Characterization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 765-780.	2.5	27
22	Blockade of dopamine D3 but not D2 receptors reverses the novel object discrimination impairment produced by post-weaning social isolation: implications for schizophrenia and its treatment. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 471-484.	2.1	68
23	5-HT<sub>6</sub> receptor agonists and antagonists enhance learning and memory in a conditioned emotion response paradigm by modulation of cholinergic and glutamatergic mechanisms. <i>British Journal of Pharmacology</i> , 2012, 167, 436-449.	5.4	84
24	Lost in translation: preclinical studies on 3,4-methylenedioxymethamphetamine provide information on mechanisms of action, but do not allow accurate prediction of adverse events in humans. <i>British Journal of Pharmacology</i> , 2012, 166, 1523-1536.	5.4	51
25	5-HT<sub>6</sub> receptor recruitment of mTOR as a mechanism for perturbed cognition in schizophrenia. <i>EMBO Molecular Medicine</i> , 2012, 4, 1043-1056.	6.9	152
26	Fos expression in the prefrontal cortex and ventral striatum after exposure to a free-operant timing schedule. <i>Behavioural Brain Research</i> , 2012, 235, 273-279.	2.2	4
27	Exposure to maternal consumption of cafeteria diet during the lactation period programmes feeding behaviour in the rat. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 785-793.	1.6	55
28	Influence of social isolation in the rat on serotonergic function and memory – Relevance to models of schizophrenia and the role of 5-HT6 receptors. <i>Neuropharmacology</i> , 2011, 61, 400-407.	4.1	73
29	Translational neuropharmacology and the appropriate and effective use of animal models. <i>British Journal of Pharmacology</i> , 2011, 164, 1041-1043.	5.4	17
30	Animal models of schizophrenia. <i>British Journal of Pharmacology</i> , 2011, 164, 1162-1194.	5.4	613
31	E-6801, a 5-HT6 receptor agonist, improves recognition memory by combined modulation of cholinergic and glutamatergic neurotransmission in the rat. <i>Psychopharmacology</i> , 2011, 213, 413-430.	3.1	85
32	Acute concomitant effects of MDMA binge dosing on extracellular 5-HT, locomotion and body temperature and the long-term effect on novel object discrimination in rats. <i>Psychopharmacology</i> , 2011, 213, 365-376.	3.1	35
33	The mGluR2/3 agonist LY379268 reverses post-weaning social isolation-induced recognition memory deficits in the rat. <i>Psychopharmacology</i> , 2011, 214, 269-283.	3.1	74
34	Phencyclidine withdrawal disrupts episodic-like memory in rats: reversal by donepezil but not clozapine. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1011-1020.	2.1	15
35	Comparison of the effects of 2,5-dimethoxy-4-iodoamphetamine and D-amphetamine on the ability of rats to discriminate the durations and intensities of light stimuli. <i>Behavioural Pharmacology</i> , 2010, 21, 11-20.	1.7	17
36	The dopamine D3 receptor antagonist, S33138, counters cognitive impairment in a range of rodent and primate procedures. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1035-1051.	2.1	70

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37	Impact of regional 5-HT depletion on the cognitive enhancing effects of a typical 5-HT <sub>6</sub> receptor antagonist, Ro 04-6790, in the Novel Object Discrimination task. <i>Psychopharmacology</i> , 2009, 202, 111-123.	3.1	28
38	MDMA: On the translation from rodent to human dosing. <i>Psychopharmacology</i> , 2009, 204, 375-378.	3.1	50
39	Fluoxetine administration modulates the cytoskeletal microtubular system in the rat hippocampus. <i>Synapse</i> , 2009, 63, 359-364.	1.2	49
40	Increased dopamine D receptors in rats reared in social isolation. <i>Synapse</i> , 2009, 63, 476-483.	1.2	64
41	Mapping the central effects of methylphenidate in the rat using pharmacological MRI BOLD contrast. <i>Neuropharmacology</i> , 2009, 57, 653-664.	4.1	15
42	Effects of social isolation rearing on the limbic brain: A combined behavioral and magnetic resonance imaging volumetry study in rats. <i>Neuroscience</i> , 2009, 159, 21-30.	2.3	93
43	Chronic fluoxetine differentially modulates the hippocampal microtubular and serotonergic system in grouped and isolation reared rats. <i>European Neuropsychopharmacology</i> , 2009, 19, 778-790.	0.7	25
44	Behavioural and neurochemical effects of post-weaning social isolation in rodents—Relevance to developmental neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1087-1102.	6.1	752
45	An update on the role of the 5-hydroxytryptamine <sub>6</sub> receptor in cognitive function. <i>Neuropharmacology</i> , 2008, 55, 1015-1022.	4.1	125
46	A role for the 5-HT <sub>1A</sub> , 5-HT <sub>4</sub> and 5-HT <sub>6</sub> receptors in learning and memory. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 482-492.	8.7	266
47	Depletion of 26S Proteasomes in Mouse Brain Neurons Causes Neurodegeneration and Lewy-Like Inclusions Resembling Human Pale Bodies. <i>Journal of Neuroscience</i> , 2008, 28, 8189-8198.	3.6	290
48	Effects of amphetamine isomers, methylphenidate and atomoxetine on synaptosomal and synaptic vesicle accumulation and release of dopamine and noradrenaline in vitro in the rat brain. <i>Neuropharmacology</i> , 2007, 52, 405-414.	4.1	83
49	Atomoxetine produces changes in cortico-basal thalamic loop circuits: Assessed by phMRI BOLD contrast. <i>Neuropharmacology</i> , 2007, 52, 812-826.	4.1	36
50	Evidence-based guidelines for management of attention-deficit/hyperactivity disorder in adolescents in transition to adult services and in adults: recommendations from the British Association for Psychopharmacology. <i>Journal of Psychopharmacology</i> , 2007, 21, 10-41.	4.0	232
51	Differential effects of the d- and l- isomers of amphetamine on pharmacological MRI BOLD contrast in the rat. <i>Psychopharmacology</i> , 2007, 193, 11-30.	3.1	20
52	Evidence for the sensitivity of operant timing behaviour to stimulation of D1 dopamine receptors. <i>Psychopharmacology</i> , 2007, 195, 213-222.	3.1	17
53	Effects of 5-HT <sub>1A</sub> and 5-HT <sub>2A</sub> receptor stimulation on temporal differentiation performance in the fixed-interval peak procedure. <i>Behavioural Processes</i> , 2006, 71, 250-257.	1.1	23
54	Evidence that the effect of 5-HT <sub>2</sub> receptor stimulation on temporal differentiation is not mediated by receptors in the dorsal striatum. <i>Behavioural Processes</i> , 2006, 71, 258-267.	1.1	16

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55	Effects of 5-HT <sub>2A</sub> receptor stimulation on the discrimination of durations by rats. <i>Behavioural Pharmacology</i> , 2006, 17, 51-59.	1.7	24
56	Isolation rearing induces recognition memory deficits accompanied by cytoskeletal alterations in rat hippocampus. <i>European Journal of Neuroscience</i> , 2006, 24, 2894-2902.	2.6	162
57	Evidence for a role of D1 dopamine receptors in d-amphetamine's effect on timing behaviour in the free-operant psychophysical procedure. <i>Psychopharmacology</i> , 2006, 185, 378-388.	3.1	25
58	Guanfacine produces differential effects in frontal cortex compared with striatum: assessed by pHMRI BOLD contrast. <i>Psychopharmacology</i> , 2006, 189, 369-385.	3.1	36
59	Effects of d-amphetamine and DOI (2,5-dimethoxy-4-iodoamphetamine) on timing behavior: interaction between D1 and 5-HT <sub>2A</sub> receptors. <i>Psychopharmacology</i> , 2006, 189, 331-343.	3.1	26
60	Long-lasting changes in behavioural and neuroendocrine indices in the rat following neonatal maternal separation: Gender-dependent effects. <i>Brain Research</i> , 2006, 1097, 123-132.	2.2	159
61	Involvement of 5-HT <sub>2C</sub> Receptors in the Regulation of Food Intake in Siberian Hamsters. <i>Journal of Neuroendocrinology</i> , 2005, 17, 276-285.	2.6	14
62	Effects of quipazine and m-chlorophenylbiguanide (m-CPBG) on temporal differentiation: evidence for the involvement of 5-HT <sub>2A</sub> but not 5-HT <sub>3</sub> receptors in interval timing behaviour. <i>Psychopharmacology</i> , 2005, 181, 289-298.	3.1	16
63	Behavioural and pharmacological magnetic resonance imaging assessment of the effects of methylphenidate in a potential new rat model of attention deficit hyperactivity disorder. <i>Psychopharmacology</i> , 2005, 180, 716-723.	3.1	17
64	Stimulants: use and abuse in the treatment of attention deficit hyperactivity disorder. <i>Current Opinion in Pharmacology</i> , 2005, 5, 87-93.	3.5	106
65	Genetic knockout and pharmacological blockade studies of the 5-HT <sub>7</sub> receptor suggest therapeutic potential in depression. <i>Neuropharmacology</i> , 2005, 48, 492-502.	4.1	199
66	5-HT <sub>6</sub> Receptors. <i>CNS and Neurological Disorders</i> , 2004, 3, 59-79.	4.3	249
67	Effects of coadministration of cannabinoids and morphine on nociceptive behaviour, brain monoamines and HPA axis activity in a rat model of persistent pain. <i>European Journal of Neuroscience</i> , 2004, 19, 678-686.	2.6	67
68	Decreased social behaviour following 3,4-methylenedioxymethamphetamine (MDMA) is accompanied by changes in 5-HT <sub>2A</sub> receptor responsivity. <i>Neuropharmacology</i> , 2004, 46, 202-210.	4.1	60
69	5-HT <sub>6</sub> receptor antagonists reverse delay-dependent deficits in novel object discrimination by enhancing consolidation—an effect sensitive to NMDA receptor antagonism. <i>Neuropharmacology</i> , 2004, 47, 195-204.	4.1	191
70	Reversal of a cholinergic-induced deficit in a rodent model of recognition memory by the selective 5-HT <sub>6</sub> receptor antagonist, Roï½204-6790. <i>Psychopharmacology</i> , 2003, 170, 358-367.	3.1	119
71	Implantation of a Slow Release Corticosterone Pellet Induces Long-Term Alterations in Serotonergic Neurochemistry in the Rat Brain. <i>Journal of Neuroendocrinology</i> , 2003, 15, 607-613.	2.6	28
72	Reduced social interaction following 3,4-methylenedioxymethamphetamine is not associated with enhanced 5-HT <sub>2C</sub> receptor responsivity. <i>Neuropharmacology</i> , 2003, 44, 439-448.	4.1	42

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73	The hypothermic effect of 5-CT in mice is mediated through the 5-HT <sub>7</sub> receptor. <i>Neuropharmacology</i> , 2003, 44, 1031-1037.	4.1	92
74	DR4004, a putative 5-HT <sub>7</sub> receptor antagonist, also has functional activity at the dopamine D <sub>2</sub> receptor. <i>European Journal of Pharmacology</i> , 2002, 449, 105-111.	3.5	17
75	Alteration in 5-hydroxytryptamine agonist-induced behaviour following a corticosterone implant in adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 71, 815-823.	2.9	9
76	Long-term changes in social interaction and reward following repeated MDMA administration to adolescent rats without accompanying serotonergic neurotoxicity. <i>Psychopharmacology</i> , 2002, 159, 437-444.	3.1	92
77	A role for 5-HT <sub>6</sub> receptors in retention of spatial learning in the Morris water maze. <i>Neuropharmacology</i> , 2001, 41, 210-219.	4.1	196
78	Effect of repeated methylphenidate administration on presynaptic dopamine and behaviour in young adult rats. <i>Journal of Psychopharmacology</i> , 2001, 15, 67-75.	4.0	35
79	Immunohistochemical localisation of the 5-HT <sub>2C</sub> receptor protein in the rat CNS. <i>Neuropharmacology</i> , 2000, 39, 123-132.	4.1	340
80	Investigation of stretching behaviour induced by the selective 5-HT <sub>6</sub> receptor antagonist, Ro 04-6790, in rats. <i>British Journal of Pharmacology</i> , 1999, 126, 1537-1542.	5.4	95
81	Pindolol-insensitive [ <sup>3</sup> H]-5-hydroxytryptamine binding in the rat hypothalamus; identity with 5-hydroxytryptamine <sub>7</sub> receptors. <i>British Journal of Pharmacology</i> , 1999, 127, 236-242.	5.4	18
82	Modification of 5-HT <sub>2</sub> receptor mediated behaviour in the rat by oleamide and the role of cannabinoid receptors. <i>Neuropharmacology</i> , 1999, 38, 533-541.	4.1	115
83	Effect of chronic m-CPP on locomotion, hypophagia, plasma corticosterone and 5-HT <sub>2C</sub> receptor levels in the rat. <i>British Journal of Pharmacology</i> , 1998, 123, 1707-1715.	5.4	60
84	Activation of 5-HT <sub>2B</sub> Receptors in the Medial Amygdala causes Anxiolysis in the Social Interaction Test in the Rat. <i>Neuropharmacology</i> , 1997, 36, 601-608.	4.1	84
85	Evidence for expression of the 5-hydroxytryptamine-2B receptor protein in the rat central nervous system. <i>Neuroscience</i> , 1997, 76, 323-329.	2.3	199
86	Effect of neuropeptides on cognitive function. <i>Experimental Gerontology</i> , 1997, 32, 451-469.	2.8	74
87	Increased 5-HT <sub>2C</sub> receptor responsiveness occurs on rearing rats in social isolation. <i>Psychopharmacology</i> , 1996, 123, 346-352.	3.1	118
88	The serotonergic bulbospinal system and brainstem-spinal cord content of serotonin-, TRH-, and substance P-like immunoreactivity in the aged rat with special reference to the spinal cord motor nucleus. <i>Synapse</i> , 1993, 15, 63-89.	1.2	60
89	Galanin fails to alter both acquisition of a two trial per day water maze task and neurochemical markers of cholinergic or serotonergic neurones in adult rats. <i>Brain Research</i> , 1993, 622, 330-336.	2.2	14
90	Thyrotropin-releasing hormone (TRH)-like immunoreactivity in the grey monkey ( <i>Macaca fascicularis</i> ) spinal cord and medulla oblongata with special emphasis on the bulbospinal tract. <i>Journal of Comparative Neurology</i> , 1992, 322, 293-310.	1.6	14

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91	Characterization of the 5-HT receptor subtypes involved in the motor behaviours produced by intrathecal administration of 5-HT agonists in rats. <i>British Journal of Pharmacology</i> , 1991, 103, 1547-1555.	5.4	63
92	5-Hydroxytryptamine, substance P, and thyrotrophin-releasing hormone in the adult cat spinal cord segment L7: Immunohistochemical and chemical studies. <i>Synapse</i> , 1990, 6, 237-270.	1.2	79
93	Involvement of 5-HT <sub>2</sub> receptors in the behaviours produced by intrathecal administration of selected 5-HT agonists and the TRH analogue (CG 3509) to rats. <i>British Journal of Pharmacology</i> , 1989, 96, 599-608.	5.4	60
94	Involvement of catecholaminergic neurones and $\alpha$ -adrenoceptors in the Wet-dog shake and forepaw licking behaviour produced by the intrathecal injection of an analogue of thyrotrophin-releasing hormone (CG 3509). <i>Neuropharmacology</i> , 1987, 26, 1147-1155.	4.1	34
95	Regional Distribution of Substance P- and Thyrotrophin-Releasing Hormone-Like Immunoreactivity and Indoleamines in the Rabbit Spinal Cord. <i>Journal of Neurochemistry</i> , 1987, 48, 1027-1032.	3.9	28