

# David J Mokler

## List of Publications by Year in descending order

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56  
papers

2,070  
citations

331538

21  
h-index

243529

44  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2708  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of systems and networks of the limbic forebrain/limbic midbrain. <i>Progress in Neurobiology</i> , 2005, 75, 143-160.	2.8	412
2	Effects of prenatal protein malnutrition on the hippocampal formation. <i>Neuroscience and Biobehavioral Reviews</i> , 2002, 26, 471-483.	2.9	316
3	Brainstem Serotonergic Deficiency in Sudden Infant Death Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 430.	3.8	271
4	DNA Methylation Signatures of Early Childhood Malnutrition Associated With Impairments in Attention and Cognition. <i>Biological Psychiatry</i> , 2016, 80, 765-774.	0.7	124
5	Calcium influx through presynaptic 5-HT <sub>3</sub> receptors facilitates GABA release in the hippocampus: in vitro slice and synaptosome studies. <i>Neuroscience</i> , 2004, 129, 703-718.	1.1	79
6	Stress-induced changes in extracellular dopamine and serotonin in the medial prefrontal cortex and dorsal hippocampus of prenatally malnourished rats. <i>Brain Research</i> , 2007, 1148, 226-233.	1.1	71
7	A microdialysis study of the medial prefrontal cortex of adolescent and adult rats. <i>Neuropharmacology</i> , 2011, 61, 544-549.	2.0	53
8	Serotonin neuronal release from dorsal hippocampus following electrical stimulation of the dorsal and median raphe nuclei in conscious rats. , 1998, 8, 262-273.		48
9	Neonatal administration of delta-9-tetrahydrocannabinol (THC) alters the neurochemical response to stress in the adult Fischer-344 rat. <i>Neurotoxicology and Teratology</i> , 1987, 9, 321-327.	1.2	45
10	Neuroendocrine, biogenic amine and behavioral responsiveness to a repeated foot-shock-induced analgesia (FSIA) stressor in Sprague-Dawley (CD) and Fischer-344 (CDF) rats. <i>Brain Research</i> , 1986, 382, 71-80.	1.1	43
11	Effects of Prenatal Protein Malnutrition on Hippocampal Long-Term Potentiation in Freely Moving Rats. <i>Experimental Neurology</i> , 1997, 148, 317-323.	2.0	43
12	The limbic brain: Continuing resolution. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 119-125.	2.9	38
13	The role of benzodiazepine receptors in the discriminative stimulus properties of delta-9-tetrahydrocannabinol. <i>Life Sciences</i> , 1986, 38, 1581-1589.	2.0	34
14	Modulation of 5-HT release in the hippocampus of 30-day-old rats exposed in utero to protein malnutrition. <i>Developmental Brain Research</i> , 2003, 142, 203-208.	2.1	32
15	(±)3,4-Methylenedioxymethamphetamine (MDMA) produces long-term reductions in brain 5-hydroxytryptamine in rats. <i>European Journal of Pharmacology</i> , 1987, 138, 265-268.	1.7	30
16	The effects of median raphe electrical stimulation on serotonin release in the dorsal hippocampal formation of prenatally protein malnourished rats. <i>Brain Research</i> , 1999, 838, 95-103.	1.1	28
17	Effects of chronic intracerebroventricular infusion of angiotensin II on arterial pressure and fluid homeostasis.. <i>Hypertension</i> , 1982, 4, 312-319.	1.3	27
18	Prenatal Malnutrition Leads to Deficits in Attentional Set Shifting and Decreases Metabolic Activity in Prefrontal Subregions that Control Executive Function. <i>Developmental Neuroscience</i> , 2014, 36, 532-541.	1.0	27

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19	Self-administration of central stimulants by rats: A comparison of the effects of d-amphetamine, methylphenidate and McNeil 4612. <i>Pharmacology Biochemistry and Behavior</i> , 1984, 20, 227-232.	1.3	26
20	Effects of ventrolateral medullary NMDA-receptor antagonism on biogenic amines and pressor response to muscle contraction. <i>Neuroscience Research</i> , 1998, 32, 47-56.	1.0	24
21	The 5HT2 antagonist pirenperone reverses disruption of FR-40 by hallucinogenic drugs. <i>Pharmacology Biochemistry and Behavior</i> , 1985, 22, 677-682.	1.3	23
22	Attenuation of postoperative adhesions using a modeled manual therapy. <i>PLoS ONE</i> , 2017, 12, e0178407.	1.1	23
23	Functional interrelations between nucleus raphae dorsalis and nucleus raphae medianus: A dual probe microdialysis study of glutamate-stimulated serotonin release. <i>Brain Research Bulletin</i> , 2009, 78, 132-138.	1.4	22
24	Modulation of paired-pulse responses in the dentate gyrus: effects of prenatal protein malnutrition. <i>Brain Research</i> , 1999, 849, 45-57.	1.1	21
25	Rostral ventrolateral medullary opioid receptor activation modulates pressor response to muscle contraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H139-H146.	1.5	14
26	Extracellular serotonin changes in VLM during muscle contraction: effects of 5-HT1A-receptor activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H2899-H2909.	1.5	12
27	Prenatal Nicotine Exposure Selectively Affects Nicotinic Receptor Expression in Primary and Associative Visual Cortices of the Fetal Baboon. <i>Brain Pathology</i> , 2015, 25, 171-181.	2.1	12
28	Behavioral effects of intracerebroventricular administration of LSD, DOM, mescaline or lisuride. <i>Pharmacology Biochemistry and Behavior</i> , 1984, 21, 281-287.	1.3	11
29	Effects of ventrolateral medullary AMPA-receptor antagonism on pressor response during muscle contraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 272, H2774-H2781.	1.5	11
30	Mechanisms of the initial treatment phenomenon to diazepam in the rat. <i>Psychopharmacology</i> , 1985, 87, 242-246.	1.5	10
31	Rats that acquire a THC discrimination more rapidly are more sensitive to THC and faster in reaching operant criteria. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 29, 67-71.	1.3	10
32	Effects of Combined Opioids on Pain and Mood in Mammals. <i>Pain Research and Treatment</i> , 2012, 2012, 1-11.	1.7	10
33	Prenatal Protein Malnutrition Leads to Hemispheric Differences in the Extracellular Concentrations of Norepinephrine, Dopamine and Serotonin in the Medial Prefrontal Cortex of Adult Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 136.	1.4	10
34	Prenatal protein malnutrition decreases KCNJ3 and 2DG activity in rat prefrontal cortex. <i>Neuroscience</i> , 2015, 286, 79-86.	1.1	9
35	Evidence for a role of corticopetal, noradrenergic systems in the development of executive function. <i>Neurobiology of Learning and Memory</i> , 2017, 143, 94-100.	1.0	9
36	Prenatal protein level impacts homing behavior in Long-Evans rat pups. <i>Nutritional Neuroscience</i> , 2016, 19, 187-195.	1.5	8

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37	The behavioral effects of hallucinogens in rats following 5,7-dihydroxytryptamine administration into the medial forebrain bundle. <i>Pharmacology Biochemistry and Behavior</i> , 1981, 14, 915-918.	1.3	7
38	Behaviors induced by 5-hydroxytryptophan in neonatal, preweaning, postweaning, and adult sprague-dawley rats. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 42, 413-419.	1.3	7
39	Decreased Accumbens Dopamine Release After Cocaine Challenge in Behaviorally Sensitized Female Rats. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 65, 659-664.	1.3	7
40	Development and Modulation of GABA <sub>A</sub> Receptor-mediated Neurotransmission in the CA1 Region of Prenatally Protein Malnourished Rats. <i>Nutritional Neuroscience</i> , 2001, 4, 109-119.	1.5	7
41	Naloxone alters the effects of LSD, DOM and quipazine on operant behavior of rats. <i>Pharmacology Biochemistry and Behavior</i> , 1984, 21, 333-337.	1.3	6
42	Inhibition of chronic hindlimb flexion in rat: evidence for mediation by 5-hydroxytryptamine. <i>Brain Research</i> , 1991, 541, 216-224.	1.1	6
43	Intrathecaly administered increases persistent hindlimb flexion in rat. <i>Neuroscience Letters</i> , 1992, 146, 223-226.	1.0	6
44	Prenatal Protein Malnutrition Produces Resistance to Distraction Similar to Noradrenergic Deafferentation of the Prelimbic Cortex in a Sustained Attention Task. <i>Frontiers in Neuroscience</i> , 2019, 13, 123.	1.4	6
45	The effects of intracranial administration of hallucinogens on operant behavior in the rat I. lysergic acid diethylamide. <i>Pharmacology Biochemistry and Behavior</i> , 1986, 25, 717-725.	1.3	5
46	Cyclazocine disruption of operant behavior is antagonized by naloxone and metergoline. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 18, 41-45.	1.3	4
47	Dentate granule cell modulation in freely moving rats: vigilance state effects. <i>Developmental Brain Research</i> , 1999, 114, 143-148.	2.1	4
48	Effects of Ketanserin on the Discrimination of Electrical Stimulation of the Dorsal Raphe Nucleus in Rats * *Presented in part at the Society for Neuroscience Meeting, Miami Beach, 1994 (Mokler et al.,) Tj ETQq0 0 0 2gBT /Overclock 10 TF		
49	Fentanyl and Spiradoline Interactions in a Place-Conditioning Black-White Shuttle-Box. <i>Pharmaceuticals</i> , 2011, 4, 101-116.	1.7	3
50	A Novel Method for Evaluating Postoperative Adhesions in Rats. <i>Journal of Investigative Surgery</i> , 2017, 30, 88-94.	0.6	3
51	The effects of intracranial administration of hallucinogens on operant behavior in the rat. II. 2,5-Dimethoxy-4-methylamphetamine (DOM). <i>Pharmacology Biochemistry and Behavior</i> , 1987, 28, 327-334.	1.3	2
52	Discriminative stimulus properties of intracranial administration of delta-9-tetrahydrocannabinol. <i>Drug Development Research</i> , 1989, 16, 395-405.	1.4	2
53	Electrical stimulation of the dorsal raphe nucleus as a discriminative stimulus: Generalization to (Δ±)-DOI. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 48, 1041-1045.	1.3	2
54	In vivo microdialysis shows differential effects of prenatal protein malnutrition and stress on norepinephrine, dopamine, and serotonin levels in rat orbital frontal cortex.. <i>Behavioral Neuroscience</i> , 2021, 135, 629-641.	0.6	2

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55	Effects of dietary protein on food and water intake in spontaneously hypertensive rats. <i>Physiology and Behavior</i> , 1989, 45, 1267-1270.	1.0	1
56	Dreams and sleep: Are new schemas revealing?. <i>Behavioral and Brain Sciences</i> , 2000, 23, 976-976.	0.4	1