David A Morilak

List of Publications by Year
in descending order

84 papers	5,905 citations	57758 44 h-index	74163 75 g-index
98 all docs	98 docs citations	98 times ranked	5469 citing authors

#	Article	IF	Citations
1	Infralimbic BDNF signaling is necessary for the beneficial effects of extinction on set shifting in stressed rats. Neuropsychopharmacology, 2022, 47, 507-515.	5.4	6
2	Adjunct treatment with ketamine enhances the therapeutic effects of extinction learning after chronic unpredictable stress. Neurobiology of Stress, 2022, 19, 100468.	4.0	3
3	STRONG STAR and the Consortium to Alleviate PTSD: Shaping the future of combat PTSD and related conditions in military and veteran populations. Contemporary Clinical Trials, 2021, 110, 106583.	1.8	15
4	Optogenetically-induced long term depression in the rat orbitofrontal cortex ameliorates stress-induced reversal learning impairment. Neurobiology of Stress, 2020, 13, 100258.	4.0	8
5	Bidirectional Optogenetically-Induced Plasticity of Evoked Responses in the Rat Medial Prefrontal Cortex Can Impair or Enhance Cognitive Set-Shifting. ENeuro, 2020, 7, ENEURO.0363-19.2019.	1.9	8
6	Ciliary neurotrophic factor signaling in the rat orbitofrontal cortex ameliorates stress-induced deficits in reversal learning. Neuropharmacology, 2019, 160, 107791.	4.1	5
7	Vortioxetine reverses medial prefrontal cortex-mediated cognitive deficits in male rats induced by castration as a model of androgen deprivation therapy for prostate cancer. Psychopharmacology, 2019, 236, 3183-3195.	3.1	7
8	A Rodent Model of Exposure Therapy: The Use of Fear Extinction as a Therapeutic Intervention for PTSD. Frontiers in Behavioral Neuroscience, 2019, 13, 46.	2.0	29
9	Activity in the Ventral Medial Prefrontal Cortex Is Necessary for the Therapeutic Effects of Extinction in Rats. Journal of Neuroscience, 2018, 38, 1408-1417.	3.6	17
10	Prefrontal cortex executive processes affected by stress in health and disease. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 85, 161-179.	4.8	76
11	Ketamine Corrects a Deficit in Reversal Learning Caused by Chronic Intermittent Cold Stress in Female Rats. International Journal of Neuropsychopharmacology, 2018, 21, 1109-1113.	2.1	3
12	Shock-probe Defensive Burying Test to Measure Active versus Passive Coping Style in Response to an Aversive Stimulus in Rats. Bio-protocol, 2018, 8, .	0.4	26
13	Deficits in cognitive flexibility induced by chronic unpredictable stress are associated with impaired glutamate neurotransmission in the rat medial prefrontal cortex. Neuroscience, 2017, 346, 284-297.	2.3	77
14	Editorial overview: Stress and behavior. Current Opinion in Behavioral Sciences, 2017, 14, iv-vii.	3.9	1
15	Ketamine Corrects Stress-Induced Cognitive Dysfunction through JAK2/STAT3 Signaling in the Orbitofrontal Cortex. Neuropsychopharmacology, 2017, 42, 1220-1230.	5.4	34
16	Chronic Vortioxetine Treatment Reduces Exaggerated Expression of Conditioned Fear Memory and Restores Active Coping Behavior in Chronically Stressed Rats. International Journal of Neuropsychopharmacology, 2016, 20, pyw105.	2.1	9
17	Therapeutic Effects of Extinction Learning as a Model of Exposure Therapy in Rats. Neuropsychopharmacology, 2016, 41, 3092-3102.	5.4	21
18	Antidepressant-like cognitive and behavioral effects of acute ketamine administration associated with plasticity in the ventral hippocampus to medial prefrontal cortex pathway. Psychopharmacology, 2015, 232, 3123-3133.	3.1	55

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19	Interleukin-6 Attenuates Serotonin 2A Receptor Signaling by Activating the JAK-STAT Pathway. Molecular Pharmacology, 2015, 87, 492-500.	2.3	14
20	Chronic stress and brain plasticity: Mechanisms underlying adaptive and maladaptive changes and implications for stress-related CNS disorders. Neuroscience and Biobehavioral Reviews, 2015, 58, 79-91.	6.1	177
21	Vortioxetine restores reversal learning impaired by 5-HT depletion or chronic intermittent cold stress in rats. International Journal of Neuropsychopharmacology, 2014, 17, 1695-1706.	2.1	96
22	A Novel Role for Brain Interleukin-6: Facilitation of Cognitive Flexibility in Rat Orbitofrontal Cortex. Journal of Neuroscience, 2014, 34, 953-962.	3.6	66
23	Influence of hypothalamic IL-6/gp130 receptor signaling on the HPA axis response to chronic stress. Psychoneuroendocrinology, 2013, 38, 1158-1169.	2.7	53
24	Too Much of a Good Thing: Blocking Noradrenergic Facilitation in Medial Prefrontal Cortex Prevents the Detrimental Effects of Chronic Stress on Cognition. Neuropsychopharmacology, 2013, 38, 585-595.	5.4	35
25	Exogenous prenatal corticosterone exposure mimics the effects of prenatal stress on adult brain stress response systems and fear extinction behavior. Psychoneuroendocrinology, 2013, 38, 2746-2757.	2.7	58
26	Effects of milnacipran on cognitive flexibility following chronic stress in rats. European Journal of Pharmacology, 2013, 703, 62-66.	3.5	21
27	5-HT2A receptors in the orbitofrontal cortex facilitate reversal learning and contribute to the beneficial cognitive effects of chronic citalopram treatment in rats. International Journal of Neuropsychopharmacology, 2012, 15, 1295-1305.	2.1	64
28	Modulating the modulators: Interaction of brain norepinephrine and cannabinoids in stress. Experimental Neurology, 2012, 238, 145-148.	4.1	6
29	Effects of chronic plus acute prolonged stress on measures of coping style, anxiety, and evoked HPA-axis reactivity. Neuropharmacology, 2012, 63, 1118-1126.	4.1	64
30	Chronic intermittent cold stress sensitizes neuro-immune reactivity in the rat brain. Psychoneuroendocrinology, 2011, 36, 1164-1174.	2.7	56
31	Stress modulation of cognitive and affective processes. Stress, 2011, 14, 503-519.	1.8	44
32	A cognitive deficit induced in rats by chronic intermittent cold stress is reversed by chronic antidepressant treatment. International Journal of Neuropsychopharmacology, 2010, 13, 997-1009.	2.1	47
33	Beneficial effects of desipramine on cognitive function of chronically stressed rats are mediated by Î±1-adrenergic receptors in medial prefrontal cortex. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 913-923.	4.8	79
34	Chronic intermittent cold stress and serotonin depletion induce deficits of reversal learning in an attentional set-shifting test in rats. Psychopharmacology, 2009, 202, 329-341.	3.1	142
35	Chronic intermittent hypoxia sensitizes acute hypothalamicâ€“pituitaryâ€“adrenal stress reactivity and Fos induction in the rat locus coeruleus in response to subsequent immobilization stress. Neuroscience, 2008, 154, 1639-1647.	2.3	65
36	Chronic Unpredictable Stress Induces a Cognitive Deficit and Anxiety-Like Behavior in Rats that is Prevented by Chronic Antidepressant Drug Treatment. Neuropsychopharmacology, 2008, 33, 320-331.	5.4	332

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37	Norepinephrine Transporter Regulation Mediates the Long-Term Behavioral Effects of the Antidepressant Desipramine. Neuropsychopharmacology, 2008, 33, 3190-3200.	5.4	39
38	Serotonergic involvement in the effects of chronic cold stress on reversal learning in the rats. FASEB Journal, 2008, 22, 906.4.	0.5	1
39	Chronic Treatment with Desipramine Improves Cognitive Performance of Rats in an Attentional Set-Shifting Test. Neuropsychopharmacology, 2007, 32, 1000-1010.	5.4	79
40	Blockade of autoreceptor-mediated inhibition of norepinephrine release by atipamezole is maintained after chronic reuptake inhibition. International Journal of Neuropsychopharmacology, 2007, 10, 827-33.	2.1	9
41	Noradrenergic facilitation of shock-probe defensive burying in lateral septum of rats, and modulation by chronic treatment with desipramine. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 482-495.	4.8	44
42	Galanin-mediated anxiolytic effect in rat central amygdala is not a result of corelease from noradrenergic terminals. Synapse, 2006, 59, 27-40.	1.2	23
43	Chronic treatment of rats with Desipramine enhances performance on an attentional set shifting task. FASEB Journal, 2006, 20, A678.	0.5	0
44	What should animal models of depression model?. Neuroscience and Biobehavioral Reviews, 2005, 29, 515-523.	6.1	117
45	One for all or one for one: does co-transmission unify the concept of a brain galanin â€œsystemâ€•or clarify any consistent role in anxiety?. Neuropeptides, 2005, 39, 289-292.	2.2	36
46	Administration of the galanin antagonist M40 into lateral septum attenuates shock probe defensive burying behavior in rats. Neuropeptides, 2005, 39, 445-451.	2.2	24
47	Reduced Hypothalamic Vasopressin Secretion Underlies Attenuated Adrenocorticotropin Stress Responses in Pregnant Rats. Endocrinology, 2005, 146, 1626-1637.	2.8	52
48	Role of brain norepinephrine in the behavioral response to stress. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 1214-1224.	4.8	462
49	Autoreceptor-mediated inhibition of norepinephrine release in rat medial prefrontal cortex is maintained after chronic desipramine treatment. Journal of Neurochemistry, 2004, 91, 683-693.	3.9	27
50	Antidepressants and brain monoaminergic systems: a dimensional approach to understanding their behavioural effects in depression and anxiety disorders. International Journal of Neuropsychopharmacology, 2004, 7, 193-218.	2.1	213
51	Induction of FOS expression by acute immobilization stress is reduced in locus coeruleus and medial amygdala of Wistarâ€“Kyoto rats compared to Spragueâ€“Dawley rats. Neuroscience, 2004, 124, 963-972.	2.3	51
52	Regulation of the norepinephrine transporter by chronic administration of antidepressants. Biological Psychiatry, 2004, 55, 313-316.	1.3	64
53	Chronic cold stress sensitizes brain noradrenergic reactivity and noradrenergic facilitation of the HPA stress response in Wistar Kyoto rats. Brain Research, 2003, 971, 55-65.	2.2	85
54	Interactions of norepinephrine and galanin in the central amygdala and lateral bed nucleus of the stria terminalis modulate the behavioral response to acute stress. Life Sciences, 2003, 73, 715-726.	4.3	66

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55	Regulatory Effects of Reboxetine Treatment Alone, or Following Paroxetine Treatment, on Brain Noradrenergic and Serotonergic Systems. Neuropsychopharmacology, 2003, 28, 1633-1641.	5.4	31
56	Modulatory effects of norepinephrine, acting on alpha1 receptors in the central nucleus of the amygdala, on behavioral and neuroendocrine responses to acute immobilization stress. Neuropharmacology, 2002, 43, 1139-1147.	4.1	128
57	Modulatory effects of norepinephrine in the lateral bed nucleus of the stria terminalis on behavioral and neuroendocrine responses to acute stress. Neuroscience, 2002, 112, 13-21.	2.3	219
58	Stress reactivity of the brain noradrenergic system in three rat strains differing in their neuroendocrine and behavioral responses to stress: implications for susceptibility to stress-related neuropsychiatric disorders. Neuroscience, 2002, 115, 229-242.	2.3	220
59	Serotonin Clearance<i>In Vivo</i>Is Altered to a Greater Extent by Antidepressant-Induced Downregulation of the Serotonin Transporter than by Acute Blockade of this Transporter. Journal of Neuroscience, 2002, 22, 6766-6772.	3.6	166
60	Behavioral reactivity to stress. Pharmacology Biochemistry and Behavior, 2002, 71, 407-417.	2.9	126
61	Modulatory Effects of Galanin in the Lateral Bed Nucleus of the Stria Terminalis on Behavioral and Neuroendocrine Responses to Acute Stress. Neuropsychopharmacology, 2002, 27, 25-34.	5.4	72
62	Overexpression of the Î±1B-adrenergic receptor causes apoptotic neurodegeneration: Multiple system atrophy. Nature Medicine, 2000, 6, 1388-1394.	30.7	123
63	Effects of acute restraint stress on tyrosine hydroxylase mRNA expression in locus coeruleus of Wistar and Wistar-Kyoto rats. Molecular Brain Research, 2000, 75, 1-7.	2.3	57
64	Effects of Chronic Antidepressant Treatments on Serotonin Transporter Function, Density, and mRNA Level. Journal of Neuroscience, 1999, 19, 10494-10501.	3.6	283
65	Reduced Noradrenergic Tone to the Hypothalamic Paraventricular Nucleus Contributes to the Stress Hyporesponsiveness of Lactation. Journal of Neuroendocrinology, 1998, 10, 417-427.	2.6	79
66	Coâ€localization of Î±1D Adrenergic Receptor mRNA withMineralocorticoid and Glucocorticoid ReceptormRNA in Rat Hippocampus. Journal of Neuroendocrinology, 1997, 9, 113-119.	2.6	21
67	Distribution of ?1A adrenergic receptor m RNA in the rat brain visualized by in situ hybridization. , 1997, 386, 358-378.		109
68	Neurons Expressing 5-HT2 Receptors in the Rat Brain: Neurochemical Identification of Cell Types by Immunocytochemistry. Neuropsychopharmacology, 1994, 11, 157-166.	5.4	64
69	5-HT2 receptor immunoreactivity on cholinergic neurons of the pontomesencephalic tegmentum shown by double immunofluorescence. Brain Research, 1993, 627, 49-54.	2.2	57
70	Production and characterization of a specific 5-HT2 receptor antibody. Brain Research, 1993, 615, 113-120.	2.2	32
71	Opioid innervation of the caudal ventrolateral medulla is not critical for the expression of the aortic depressor nerve response in the rabbit. Journal of the Autonomic Nervous System, 1991, 32, 37-46.	1.9	5
72	Afferent Inputs to Ventrolateral Medulla. , 1991, , 3-13.		0

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73	A LACK OF POTENCY FOR THE ?-OPIOID ANTAGONIST NALTRINDOLE AFTER MICROINJECTION INTO THE ROSTRAL VENTROLATERAL MEDULLA OF RABBITS. Clinical and Experimental Pharmacology and Physiology, 1990, 17, 527-530.	1.9	4
74	Evidence for an excitatory amino acid pathway in the brainstem and for its involvement in cardiovascular control. Brain Research, 1989, 496, 401-407.	2.2	116
75	Release of substance P in the nucleus tractus solitarius measured by in vivo microdialysis: response to stimulation of the aortic depressor nerves in rabbit. Neuroscience Letters, 1988, 94, 131-137.	2.1	59
76	Effects of physiological manipulations on locus coeruleus neuronal activity in freely moving cats. I. Thermoregulatory challenge. Brain Research, 1987, 422, 17-23.	2.2	69
77	Effects of physiological manipulations on locus coeruleus neuronal activity in freely moving cats. II. Cardiovascular challenge. Brain Research, 1987, 422, 24-31.	2.2	95
78	Effects of physiological manipulations on locus coeruleus neuronal activity in freely moving cats. III. Glucoregulatory challenge. Brain Research, 1987, 422, 32-39.	2.2	65
79	Single-unit responses of serotonergic dorsal raphe nucleus neurons to environmental heating and pyrogen administration in freely moving cats. Experimental Neurology, 1987, 98, 388-403.	4.1	40
80	Single unit activity of noradrenergic neurons in locus coeruleus and serotonergic neurons in the nucleus raphe dorsalis of freely moving cats in relation to the cardiac cycle. Brain Research, 1986, 399, 262-270.	2.2	48
81	Single unit activity of locus coeruleus neurons in the freely moving cat. Brain Research, 1986, 371, 324-334.	2.2	372
82	Persistence of flavor neophobia as an indicator of state-dependent retention induced by pentobarbital, stress, and estrus. Behavioral and Neural Biology, 1983, 38, 47-60.	2.2	9
83	Anterograde memory loss induced by hypothermia in rats. Behavioral and Neural Biology, 1983, 37, 76-88.	2.2	22
84	Norepinephrine and stress. , 0, , 275-296.		3