Gal Yadid

List of Publications by Year
in descending order

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96 papers	4,556 citations	94433 37 h-index	106344 65 g-index
97 all docs	97 docs citations	97 times ranked	5054 citing authors

#	Article	IF	Citations
1	The Flinders Sensitive Line rat: A selectively bred putative animal model of depression. Neuroscience and Biobehavioral Reviews, 2005, 29, 739-759.	6.1	354
2	In Vivo Neuroimaging of Exosomes Using Gold Nanoparticles. ACS Nano, 2017, 11, 10883-10893.	14.6	290
3	High Serotonin and 5â€Hydroxyindoleacetic Acid Levels in Limbic Brain Regions in a Rat Model of Depression; Normalization by Chronic Antidepressant Treatment. Journal of Neurochemistry, 1997, 69, 2477-2483.	3.9	156
4	Association between depressive behavior and absence of serotonin-dopamine interaction in the nucleus accumbens. Psychopharmacology, 2001, 155, 434-439.	3.1	150
5	Effects of Various Stressors on In Vivo Norepinephrine Release in the Hypothalamic Paraventricular Nucleus and on the Pituitaryâ€Adrenocortical Axis. Annals of the New York Academy of Sciences, 1995, 771, 115-130.	3.8	141
6	Role of DNA Methylation in the Nucleus Accumbens in Incubation of Cocaine Craving. Journal of Neuroscience, 2015, 35, 8042-8058.	3.6	137
7	Dynamics of the dopaminergic system as a key component to the understanding of depression. Progress in Brain Research, 2008, 172, 265-286.	1.4	125
8	Electrical stimulation of the lateral habenula produces enduring inhibitory effect on cocaine seeking behavior. Neuropharmacology, 2010, 59, 452-459.	4.1	125
9	Limbic dopaminergic adaptation to a stressful stimulus in a rat model of depression. Brain Research, 2001, 896, 43-47.	2.2	120
10	Heterogeneous neurochemical responses to different stressors: a test of Selyeâ€™s doctrine of nonspecificity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1247-R1255.	1.8	119
11	Increased catecholamine levels in specific brain regions of a rat model of depression: normalization by chronic antidepressant treatment. Brain Research, 1999, 824, 243-250.	2.2	117
12	Personality profiles of substance and behavioral addictions. Addictive Behaviors, 2018, 82, 174-181.	3.0	109
13	Hyperfunctionality of serotonin-2C receptor-mediated inhibition of accumbal dopamine release in an animal model of depression is reversed by antidepressant treatment. Neuropharmacology, 2005, 48, 34-42.	4.1	102
14	Electrical stimulation of the lateral habenula produces an inhibitory effect on sucrose self-administration. Neuropharmacology, 2011, 60, 381-387.	4.1	92
15	The serotoninâ€“dopamine interaction is critical for fast-onset action of antidepressant treatment: in vivo studies in an animal model of depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2004, 28, 141-147.	4.8	91
16	Nanoparticle-Based CT Imaging Technique for Longitudinal and Quantitative Stem Cell Tracking within the Brain: Application in Neuropsychiatric Disorders. ACS Nano, 2014, 8, 9274-9285.	14.6	91
17	In Vivo Expression of Inducible Nitric Oxide Synthase in Cerebellar Neurons. Journal of Neurochemistry, 1996, 66, 1504-1509.	3.9	79
18	Programmed Acute Electrical Stimulation of Ventral Tegmental Area Alleviates Depressive-Like Behavior. Neuropsychopharmacology, 2009, 34, 1057-1066.	5.4	78

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19	Two Different Putative Genetic Animal Models of Childhood Depression. Biological Psychiatry, 2006, 59, 17-23.	1.3	75
20	Blood BDNF Level Is Gender Specific in Severe Depression. PLoS ONE, 2015, 10, e0127643.	2.5	73
21	High cocaine dosage decreases neurogenesis in the hippocampus and impairs working memory. Addiction Biology, 2011, 16, 251-260.	2.6	72
22	Modulation of Dopamine Transmission by 5HT2C and 5HT3 Receptors: A Role in the Antidepressant Response. Current Drug Targets, 2006, 7, 165-175.	2.1	69
23	Multifunctional tellurium molecule protects and restores dopaminergic neurons in Parkinson's disease models. FASEB Journal, 2007, 21, 1870-1883.	0.5	66
24	Qualitative review and quantitative effect size meta-analyses in brain regions identified by cue-reactivity addiction studies.. Neuropsychology, 2019, 33, 319-334.	1.3	66
25	DHEA Lessens Depressive-Like Behavior via GABA-ergic Modulation of the Mesolimbic System. Neuropsychopharmacology, 2009, 34, 577-584.	5.4	58
26	VTA Dopamine Neuron Bursting is Altered in an Animal Model of Depression and Corrected by Desipramine. Journal of Molecular Neuroscience, 2008, 34, 201-209.	2.3	57
27	The β-Endorphin Role in Stress-Related Psychiatric Disorders. Current Drug Targets, 2009, 10, 1096-1108.	2.1	50
28	Abnormal patterns of maternal behavior in a genetic animal model of depression. Physiology and Behavior, 2005, 84, 607-615.	2.1	48
29	Selective breeding for dominant and submissive behavior in Sabra mice. Journal of Affective Disorders, 2010, 126, 214-222.	4.1	47
30	Therapeutic Effect of Astroglia-like Mesenchymal Stem Cells Expressing Glutamate Transporter in a Genetic Rat Model of Depression. Theranostics, 2017, 7, 2690-2703.	10.0	45
31	5-HT1A receptor subsensitivity in infancy and supersensitivity in adulthood in an animal model of depression. Brain Research, 2003, 980, 100-108.	2.2	44
32	Incensole acetate reduces depressive-like behavior and modulates hippocampal BDNF and CRF expression of submissive animals. Journal of Psychopharmacology, 2012, 26, 1584-1593.	4.0	44
33	Overexpression of Corticotropin-Releasing Factor Receptor Type 2 in the Bed Nucleus of Stria Terminalis Improves Posttraumatic Stress Disorder-like Symptoms in a Model of Incubation of Fear. Biological Psychiatry, 2013, 74, 827-836.	1.3	44
34	DHEA, a Neurosteroid, Decreases Cocaine Self-Administration and Reinstatement of Cocaine-Seeking Behavior in Rats. Neuropsychopharmacology, 2006, 31, 2231-2236.	5.4	43
35	Transplantation of glial cell line-derived neurotrophic factor-expressing cells into the striatum and nucleus accumbens attenuates acquisition of cocaine self-administration in rats. European Journal of Neuroscience, 2003, 18, 2093-2098.	2.6	42
36	Differential responses to distinct psychotropic agents of selectively bred dominant and submissive animals. Behavioural Brain Research, 2013, 236, 225-235.	2.2	41

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37	Serotonin-Mediated Increases in the Extracellular Levels of Î²-Endorphin in the Arcuate Nucleus and Nucleus Accumbens : A Microdialysis Study. Journal of Neurochemistry, 2002, 73, 2569-2574.	3.9	40
38	Decreased limbic vesicular monoamine transporter 2 in a genetic rat model of depression. Brain Research, 2003, 965, 174-179.	2.2	40
39	The reward system and maternal behavior in an animal model of depression: a microdialysis study. Psychopharmacology, 2008, 196, 281-291.	3.1	39
40	Glycine stimulates striatal dopamine release in conscious rats. British Journal of Pharmacology, 1993, 110, 50-53.	5.4	37
41	Dehydroepiandrosterone (DHEA) attenuates cocaine-seeking behavior in the self-administration model in rats. European Neuropsychopharmacology, 2006, 16, 329-339.	0.7	36
42	Decoding of dopaminergic mesolimbic activity and depressive behavior. Journal of Molecular Neuroscience, 2007, 32, 72-79.	2.3	34
43	Neurodegeneration of lateral habenula efferent fibers after intermittent cocaine administration: Implications for deep brain stimulation. Neuropharmacology, 2013, 75, 246-254.	4.1	34
44	The role of dehydroepiandrosterone (DHEA) in drug-seeking behavior. Neuroscience and Biobehavioral Reviews, 2010, 35, 303-314.	6.1	32
45	The involvement of dehydroepiandrosterone (DHEA) and its sulfate ester (DHEAS) in blocking the therapeutic effect of electroconvulsive shocks in an animal model of depression. European Neuropsychopharmacology, 2005, 15, 253-262.	0.7	31
46	Programmed deep brain stimulation synchronizes VTA gamma band field potential and alleviates depressive-like behavior in rats. Neuropharmacology, 2015, 91, 135-141.	4.1	31
47	Increased arachidonic acid concentration in the brain of Flinders Sensitive Line rats, an animal model of depression. Journal of Lipid Research, 2005, 46, 1093-1096.	4.2	30
48	The Role of the PACAP Signaling System in Depression. Current Pharmaceutical Design, 2011, 17, 990-1001.	1.9	30
49	Î²-Endorphin via the Delta Opioid Receptor is a Major Factor in the Incubation of Cocaine Craving. Neuropsychopharmacology, 2013, 38, 2508-2514.	5.4	28
50	Neurochemical alterations in the cerebellum of a murine model of Niemannâ€“Pick type C disease. Brain Research, 1998, 799, 250-256.	2.2	27
51	Dopamine increases glial cell line-derived neurotrophic factor in human fetal astrocytes. Glia, 2001, 33, 143-150.	4.9	27
52	Immobility in the swim test and observations of maternal behavior in lactating flinders sensitive line rats. Behavioural Brain Research, 2005, 161, 155-163.	2.2	27
53	Cue-induced reinstatement of cocaine seeking in the rat â€œconflict modelâ€: Effect of prolonged home-cage confinement. Psychopharmacology, 2012, 219, 875-883.	3.1	27
54	Lateral habenula deep brain stimulation for personalized treatment of drug addiction. Frontiers in Human Neuroscience, 2013, 7, 806.	2.0	26

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55	Social rank-associated stress vulnerability predisposes individuals to cocaine attraction. Scientific Reports, 2018, 8, 1759.	3.3	26
56	Methylprednisolone Does Not Decrease Eicosanoid Concentrations or Edema in Brain Tissue or Improve Neurologic Outcome After Head Trauma in Rats. Anesthesia and Analgesia, 1992, 75, 238???244.	2.2	25
57	Differential expression of PACAP receptors in postnatal rat brain. Neuropeptides, 2010, 44, 509-514.	2.2	25
58	Antidepressant treatment facilitates dopamine release and drug seeking behavior in a genetic animal model of depression. European Journal of Neuroscience, 2009, 30, 485-492.	2.6	24
59	Neutralization of endogenous digitalis-like compounds alters catecholamines metabolism in the brain and elicits anti-depressive behavior. European Neuropsychopharmacology, 2012, 22, 72-79.	0.7	23
60	Dopamine-2 receptors in the arcuate nucleus modulate cocaine-seeking behavior. NeuroReport, 2006, 17, 1633-1636.	1.2	22
61	Variability of the mesolimbic neuronal activity in a rat model of depression. NeuroReport, 2005, 16, 513-516.	1.2	21
62	Electrical stimulation of the vmPFC serves as a remote control to affect VTA activity and improve depressive-like behavior. Experimental Neurology, 2016, 283, 255-263.	4.1	21
63	Effect of dehydroepiandrosterone add-on therapy on mood, decision making and subsequent relapse of polydrug users. Addiction Biology, 2016, 21, 885-894.	2.6	20
64	Chronic inositol treatment reduces depression-like immobility of Flinders Sensitive Line rats in the forced swim test. Depression and Anxiety, 2002, 15, 148-151.	4.1	19
65	Abnormality of VTA local field potential in an animal model of depression was restored by patterned DBS treatment. European Neuropsychopharmacology, 2012, 22, 64-71.	0.7	19
66	Alterations in Endogenous Brain Î²-Endorphin Release by Adrenal Medullary Transplants in the Spinal Cord. Neuropsychopharmacology, 2000, 23, 709-716.	5.4	17
67	Screening for new antidepressants with fast onset and long-lasting action. Drug Development Research, 2000, 50, 392-399.	2.9	16
68	Negative and positive life events and their relation to substance and behavioral addictions. Drug and Alcohol Dependence, 2019, 204, 107562.	3.2	15
69	Inhibitory effect of strychnine on acetylcholine receptor activation in bovine adrenal medullary chromaffin cells. British Journal of Pharmacology, 1994, 113, 471-478.	5.4	14
70	A DNA Methylation Signature of Addiction in T Cells and Its Reversal With DHEA Intervention. Frontiers in Molecular Neuroscience, 2018, 11, 322.	2.9	14
71	Parental Post-traumatic Stress Disorder Symptoms Are Related to Successful Aging in Offspring of Holocaust Survivors. Frontiers in Psychology, 2017, 8, 1099.	2.1	13
72	Who becomes addicted and to what? psychosocial predictors of substance and behavioral addictive disorders. Psychiatry Research, 2020, 291, 113221.	3.3	13

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73	Estimation of striatal dopamine spillover and metabolism in vivo. NeuroReport, 2000, 11, 3367-3373.	1.2	12
74	Dimensional complexity of the neuronal activity in a rat model of depression. NeuroReport, 2004, 15, 1983-1986.	1.2	10
75	The effect of DHEA complementary treatment on heroin addicts participating in a rehabilitation program: A preliminary study. European Neuropsychopharmacology, 2008, 18, 406-413.	0.7	9
76	Modulation of Mood States as a Major Factor in Relapse to Substance Use. Frontiers in Molecular Neuroscience, 2012, 5, 81.	2.9	9
77	Effects of the glycine prodrug milacemide (2â€Nâ€pentylaminoacetamide) on catecholamine secretion from isolated adrenal medulla chromaffin cells. British Journal of Pharmacology, 1991, 104, 760-764.	5.4	8
78	Functional Î±3-glycine receptors in rat adrenal. European Journal of Pharmacology, 1995, 288, 399-401.	2.6	8
79	Trait and state binge eating predispose towards cocaine craving. Addiction Biology, 2017, 22, 163-171.	2.6	8
80	Monitoring of Circadian Rhythms of Heart Rate, Locomotor Activity, and Temperature for Diagnosis and Evaluation of Response to Treatment in an Animal Model of Depression. Journal of Molecular Neuroscience, 2011, 43, 303-308.	2.3	7
81	RNA editing of the 5-HT2C receptor in the central nucleus of the amygdala is involved in resilience behavior. Translational Psychiatry, 2021, 11, 137.	4.8	6
82	Reduction of DNMT3a and RORA in the nucleus accumbens plays a causal role in post-traumatic stress disorder-like behavior: reversal by combinatorial epigenetic therapy. Molecular Psychiatry, 2021, 26, 7481-7497.	7.9	6
83	Evidence for a differential visual M300 brain response in gamblers. Clinical Neurophysiology, 2018, 129, 2228-2238.	1.5	5
84	Discovering the Lost Reward: Critical Locations for Endocannabinoid Modulation of the Corticoâ€“Striatal Loop That Are Implicated in Major Depression. International Journal of Molecular Sciences, 2021, 22, 1867.	4.1	5
85	Dopamine-1 Receptor Agonist, but not Cocaine, Modulates Ïƒ₁ Gene Expression in SVG Cells. Journal of Molecular Neuroscience, 2006, 29, 169-176.	2.3	4
86	Sex differences in testosterone reactivity and sensitivity in a non-model gerbil. General and Comparative Endocrinology, 2020, 291, 113418.	1.8	4
87	Chronic opipramol treatment extinguishes cocaine craving through Rac1 in responders: A rat model study. Addiction Biology, 2021, 26, e13014.	2.6	4
88	Modulation of PARP-1 Activity in a Broad Time Window Attenuates Memorizing Fear. International Journal of Molecular Sciences, 2021, 22, 6170.	4.1	4
89	Novel Opipramol-Baclofen Combination Alleviates Depression and Craving and Facilitates Recovery From Substance Use Disorderâ€”An Animal Model and a Human Study. Frontiers in Behavioral Neuroscience, 2021, 15, 788708.	2.0	4
90	Early Prediction of the Effectiveness of Antidepressants: Inputs from an Animal Model. Journal of Molecular Neuroscience, 2009, 39, 256-261.	2.3	3

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91	Dehydroepiandrosterone Attenuates Cocaineâ€Seeking Behaviour Independently of Corticosterone Fluctuations. Journal of Neuroendocrinology, 2015, 27, 819-826.	2.6	3
92	Understanding Through Animal Models. CNS Spectrums, 2005, 10, 181-181.	1.2	1
93	Dehydroepiandrosterone and Addiction. Vitamins and Hormones, 2018, 108, 385-412.	1.7	1
94	Placenta-Derived Mesenchymal-like Adherent Stromal Cells as an Effective Cell Therapy for Cocaine Addiction in a Rat Model. Pharmaceutics, 2022, 14, 1311.	4.5	1
95	THROMBOXANE INHIBITION DOES NOT PREVENT BRAIN EDEMA AFTER HEAD TRAUMA. Critical Care Medicine, 1988, 16, 451.	0.9	0
96	Comment on â€œpreclinical models: status of basic research in depressionâ€. Biological Psychiatry, 2003, 53, 268-270.	1.3	0