

Marcelo Febo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1907568/publications.pdf>

Version: 2024-02-01

164
papers

5,396
citations

66343

42
h-index

114465

63
g-index

178
all docs

178
docs citations

178
times ranked

5647
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Magnetic Resonance Imaging Shows Oxytocin Activates Brain Regions Associated with Mother-Pup Bonding during Suckling. <i>Journal of Neuroscience</i> , 2005, 25, 11637-11644.	3.6	207
2	Pup Suckling Is More Rewarding Than Cocaine: Evidence from Functional Magnetic Resonance Imaging and Three-Dimensional Computational Analysis. <i>Journal of Neuroscience</i> , 2005, 25, 149-156.	3.6	207
3	rsfMRI effects of KB220Z, a μ on neural pathways in reward circuitry of abstinent genotyped heroin addicts. <i>Postgraduate Medicine</i> , 2015, 127, 232-241.	2.0	135
4	Increased free water in the substantia nigra of Parkinson's disease: a single-site and multi-site study. <i>Neurobiology of Aging</i> , 2015, 36, 1097-1104.	3.1	133
5	Hatching the behavioral addiction egg: Reward Deficiency Solution System (RDSS) as a function of dopaminergic neurogenetics and brain functional connectivity linking all addictions under a common rubric. <i>Journal of Behavioral Addictions</i> , 2014, 3, 149-156.	3.7	119
6	Molecular role of dopamine in anhedonia linked to reward deficiency syndrome RDS and anti-reward systems. <i>Frontiers in Bioscience - Scholar</i> , 2018, 10, 309-325.	2.1	111
7	Imaging the neural circuitry and chemical control of aggressive motivation. <i>BMC Neuroscience</i> , 2008, 9, 111.	1.9	106
8	The Neural Consequences of Repeated Cocaine Exposure Revealed by Functional MRI in Awake Rats. <i>Neuropsychopharmacology</i> , 2005, 30, 936-943.	5.4	96
9	The sigma-1 receptor modulates methamphetamine dysregulation of dopamine neurotransmission. <i>Nature Communications</i> , 2017, 8, 2228.	12.8	92
10	Enhanced functional connectivity and volume between cognitive and reward centers of naïve rodent brain produced by pro-dopaminergic agent KB220Z. <i>PLoS ONE</i> , 2017, 12, e0174774.	2.5	92
11	Genetic addiction risk score GARS is a predictor of vulnerability to opioid dependence. <i>Frontiers in Bioscience - Elite</i> , 2018, 10, 175-196.	1.8	92
12	Altered Inflammatory Response Is Associated With an Impaired Autonomic Input to the Bone Marrow in the Spontaneously Hypertensive Rat. <i>Hypertension</i> , 2014, 63, 542-550.	2.7	90
13	Dopamine homeostasis brain functional connectivity in reward deficiency syndrome. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 669-691.	3.0	88
14	Metal Transporter <i>Zip14</i> (<i>Slc39a14</i>) Deletion in Mice Increases Manganese Deposition and Produces Neurotoxic Signatures and Diminished Motor Activity. <i>Journal of Neuroscience</i> , 2017, 37, 5996-6006.	3.6	87
15	Common Neurogenetic Diagnosis and Meso-Limbic Manipulation of Hypodopaminergic Function in Reward Deficiency Syndrome (RDS): Changing the Recovery Landscape. <i>Current Neuropharmacology</i> , 2017, 15, 184-194.	2.9	87
16	Estradiol: A key biological substrate mediating the response to cocaine in female rats. <i>Hormones and Behavior</i> , 2010, 58, 33-43.	2.1	84
17	Dopamine in the Brain: Hypothesizing Surfeit or Deficit Links to Reward and Addiction. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 95-104.	1.0	83
18	Systemic Inflammation Mediates Age-Related Cognitive Deficits. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 236.	3.4	82

#	ARTICLE	IF	CITATIONS
19	Oxytocin Receptors Are Expressed by Glutamatergic Prefrontal Cortical Neurons That Selectively Modulate Social Recognition. <i>Journal of Neuroscience</i> , 2019, 39, 3249-3263.	3.6	78
20	Behavioral Characterization of the Effects of Cannabis Smoke and Anandamide in Rats. <i>PLoS ONE</i> , 2016, 11, e0153327.	2.5	71
21	Imaging cocaine-induced changes in the mesocorticolimbic dopaminergic system of conscious rats. <i>Journal of Neuroscience Methods</i> , 2004, 139, 167-176.	2.5	70
22	Impaired butyrate absorption in the proximal colon, low serum butyrate and diminished central effects of butyrate on blood pressure in spontaneously hypertensive rats. <i>Acta Physiologica</i> , 2019, 226, e13256.	3.8	69
23	Clinically Combating Reward Deficiency Syndrome (RDS) with Dopamine Agonist Therapy as a Paradigm Shift: Dopamine for Dinner?. <i>Molecular Neurobiology</i> , 2015, 52, 1862-1869.	4.0	66
24	The Psychoactive Designer Drug and Bath Salt Constituent MDPV Causes Widespread Disruption of Brain Functional Connectivity. <i>Neuropsychopharmacology</i> , 2016, 41, 2352-2365.	5.4	66
25	Inactivation or inhibition of neuronal activity in the medial prefrontal cortex largely reduces pup retrieval and grouping in maternal rats. <i>Brain Research</i> , 2010, 1325, 77-88.	2.2	65
26	Central vasopressin V1a receptors modulate neural processing in mothers facing intruder threat to pups. <i>Neuropharmacology</i> , 2010, 58, 107-116.	4.1	64
27	Development of cocaine sensitization before pregnancy affects subsequent maternal retrieval of pups and prefrontal cortical activity during nursing. <i>Neuroscience</i> , 2007, 148, 400-412.	2.3	63
28	Sustained Captopril-Induced Reduction in Blood Pressure Is Associated With Alterations in Gut-Brain Axis in the Spontaneously Hypertensive Rat. <i>Journal of the American Heart Association</i> , 2019, 8, e010721.	3.7	63
29	Hypothesizing That Neuropharmacological and Neuroimaging Studies of Glutamatergic-Dopaminergic Optimization Complex (KB220Z) Are Associated With Dopamine Homeostasis in Reward Deficiency Syndrome (RDS). <i>Substance Use and Misuse</i> , 2017, 52, 535-547.	1.4	62
30	Hybrid magneto-plasmonic liposomes for multimodal image-guided and brain-targeted HIV treatment. <i>Nanoscale</i> , 2018, 10, 184-194.	5.6	61
31	Traffic-related particulate matter affects behavior, inflammation, and neural integrity in a developmental rodent model. <i>Environmental Research</i> , 2020, 183, 109242.	7.5	61
32	Blood oxygen level-dependent signal responses in corticolimbic "emotions" circuitry of lactating rats facing intruder threat to pups. <i>European Journal of Neuroscience</i> , 2009, 30, 934-945.	2.6	60
33	Age-related decline in white matter integrity in a mouse model of tauopathy: an in vivo diffusion tensor magnetic resonance imaging study. <i>Neurobiology of Aging</i> , 2014, 35, 1364-1374.	3.1	58
34	Effects in rats of adolescent exposure to cannabis smoke or THC on emotional behavior and cognitive function in adulthood. <i>Psychopharmacology</i> , 2019, 236, 2773-2784.	3.1	58
35	Hypothesizing that, A Pro-Dopamine Regulator (KB220Z) Should Optimize, but Not Hyper-Activate the Activity of Trace Amine-Associated Receptor 1 (TAAR-1) and Induce Anti-Craving of Psychostimulants in the Long-Term. , 2016, 2, 14-21.		56
36	Functional Magnetic Resonance Imaging in Conscious Animals: A New Tool in Behavioural Neuroscience Research. <i>Journal of Neuroendocrinology</i> , 2006, 18, 307-318.	2.6	55

#	ARTICLE	IF	CITATIONS
37	Hemodynamic and metabolic changes induced by cocaine in anesthetized rat observed with multimodal functional MRI. <i>Psychopharmacology</i> , 2006, 185, 479-486.	3.1	54
38	Temporal MRI characterization, neurobiochemical and neurobehavioral changes in a mouse repetitive concussive head injury model. <i>Scientific Reports</i> , 2015, 5, 11178.	3.3	54
39	Estrogen-dependent alterations in D2/D3-induced G protein activation in cocaine-sensitized female rats. <i>Journal of Neurochemistry</i> , 2004, 86, 405-412.	3.9	53
40	Functional magnetic resonance imaging in awake animals. <i>Reviews in the Neurosciences</i> , 2011, 22, 665-74.	2.9	51
41	Neurogenetic and Epigenetic Correlates of Adolescent Predisposition to and Risk for Addictive Behaviors as a Function of Prefrontal Cortex Dysregulation. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015, 25, 286-292.	1.3	49
42	Magneto-plasmonic nanostars for image-guided and NIR-triggered drug delivery. <i>Scientific Reports</i> , 2020, 10, 10115.	3.3	49
43	Targeting resolution of neuroinflammation after ischemic stroke with a lipoxin A ₄ analog: Protective mechanisms and long-term effects on neurological recovery. <i>Brain and Behavior</i> , 2017, 7, e00688.	2.2	47
44	The Food and Drug Addiction Epidemic: Targeting Dopamine Homeostasis. <i>Current Pharmaceutical Design</i> , 2018, 23, 6050-6061.	1.9	40
45	Technical and Conceptual Considerations for Performing and Interpreting Functional MRI Studies in Awake Rats. <i>Frontiers in Psychiatry</i> , 2011, 2, 43.	2.6	39
46	Functional Neural "Bone Marrow Pathways. <i>Hypertension</i> , 2014, 63, e129-39.	2.7	39
47	Putative dopamine agonist (KB220Z) attenuates lucid nightmares in PTSD patients: Role of enhanced brain reward functional connectivity and homeostasis redeeming joy. <i>Journal of Behavioral Addictions</i> , 2015, 4, 106-115.	3.7	39
48	A Single Angiotensin II Hypertensive Stimulus Is Associated with Prolonged Neuronal and Immune System Activation in Wistar-Kyoto Rats. <i>Frontiers in Physiology</i> , 2017, 8, 592.	2.8	38
49	Oxytocin modulates unconditioned fear response in lactating dams: An fMRI study. <i>Brain Research</i> , 2009, 1302, 183-193.	2.2	37
50	Electroacupuncture Promotes Central Nervous System-Dependent Release of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017, 35, 1303-1315.	3.2	37
51	Functional Connectivity of Chronic Cocaine Use Reveals Progressive Neuroadaptations in Neocortical, Striatal, and Limbic Networks. <i>ENeuro</i> , 2018, 5, ENEURO.0081-18.2018.	1.9	36
52	In vivo functional brain mapping in a conditional mouse model of human tauopathy (taup301l) reveals reduced neural activity in memory formation structures. <i>Molecular Neurodegeneration</i> , 2013, 8, 9.	10.8	35
53	Overexpression of CRF in the BNST diminishes dysphoria but not anxiety-like behavior in nicotine withdrawing rats. <i>European Neuropsychopharmacology</i> , 2016, 26, 1378-1389.	0.7	35
54	Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101985.	2.7	35

#	ARTICLE	IF	CITATIONS
55	Nursing stimulation is more than tactile sensation: It is a multisensory experience. <i>Hormones and Behavior</i> , 2008, 54, 330-339.	2.1	34
56	Neurite orientation dispersion and density imaging reveals white matter and hippocampal microstructure changes produced by Interleukin-6 in the TgCRND8 mouse model of amyloidosis. <i>NeuroImage</i> , 2019, 202, 116138.	4.2	34
57	Estrogen Influences Cocaine-Induced Blood Oxygen Level-Dependent Signal Changes in Female Rats. <i>Journal of Neuroscience</i> , 2005, 25, 1132-1136.	3.6	32
58	Diffusion magnetic resonance imaging-derived free water detects neurodegenerative pattern induced by interferon- β . <i>Brain Structure and Function</i> , 2020, 225, 427-439.	2.3	31
59	The Role of BTBD9 in Striatum and Restless Legs Syndrome. <i>ENeuro</i> , 2019, 6, ENEURO.0277-19.2019.	1.9	31
60	Using the Neuroadaptagen KB200zâ„¢ to Ameliorate Terrifying, Lucid Nightmares in RDS Patients: the Role of Enhanced, Brain-Reward, Functional Connectivity and Dopaminergic Homeostasis. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 24-35.	1.0	31
61	Acute Nicotine Administration Increases BOLD fMRI Signal in Brain Regions Involved in Reward Signaling and Compulsive Drug Intake in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu011-pyu011.	2.1	30
62	KB220Zâ„¢, a Pro-Dopamine Regulator Associated with the Protracted, Alleviation of Terrifying Lucid Dreams. <i>Can We Infer Neuroplasticity-induced Changes in the Reward Circuit?</i> , 2016, 2, 3-13.		29
63	In vivo imaging reveals impaired connectivity across cortical and subcortical networks in a mouse model of DYT1 dystonia. <i>Neurobiology of Disease</i> , 2016, 95, 35-45.	4.4	29
64	Mechanism of Manganese Dysregulation of Dopamine Neuronal Activity. <i>Journal of Neuroscience</i> , 2020, 40, 5871-5891.	3.6	29
65	Dopamine D2 gene expression interacts with environmental enrichment to impact lifespan and behavior. <i>Oncotarget</i> , 2016, 7, 19111-19123.	1.8	29
66	Behavioral effects of acclimatization to restraint protocol used for awake animal imaging. <i>Journal of Neuroscience Methods</i> , 2013, 217, 63-66.	2.5	28
67	Gestational Valproate Alters BOLD Activation in Response to Complex Social and Primary Sensory Stimuli. <i>PLoS ONE</i> , 2012, 7, e37313.	2.5	28
68	Estrogen and opioids interact to modulate the locomotor response to cocaine in the female rat. <i>Brain Research</i> , 2002, 943, 151-161.	2.2	27
69	Preclinical Magnetic Resonance Imaging and Spectroscopy Studies of Memory, Aging, and Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 158.	3.4	27
70	Functional connectivity, behavioral and dopaminergic alterations 24 hours following acute exposure to synthetic bath salt drug methylenedioxypyrovalerone. <i>Neuropharmacology</i> , 2018, 137, 178-193.	4.1	27
71	Intestine-specific deletion of metal transporter <i>Zip14 (Slc39a14)</i> causes brain manganese overload and locomotor defects of manganism. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G673-G681.	3.4	27
72	A Bold View of the Lactating Brain: Functional Magnetic Resonance Imaging Studies of Suckling in Awake Dams. <i>Journal of Neuroendocrinology</i> , 2011, 23, 1009-1019.	2.6	26

#	ARTICLE	IF	CITATIONS
73	Multifunctional Nanotherapeutics for the Treatment of neuroAIDS in Drug Abusers. Scientific Reports, 2018, 8, 12991.	3.3	26
74	Sex differences in the reward deficit and somatic signs associated with precipitated nicotine withdrawal in rats. Neuropharmacology, 2019, 160, 107756.	4.1	25
75	Neurogenetics and gene therapy for reward deficiency syndrome: are we going to the Promised Land?. Expert Opinion on Biological Therapy, 2015, 15, 973-985.	3.1	23
76	Simultaneous quantification of cannabinoids tetrahydrocannabinol, cannabidiol and CB1 receptor antagonist in rat plasma: An application to characterize pharmacokinetics after passive cannabis smoke inhalation and co-administration of rimonabant. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 119-125.	2.8	23
77	Longitudinal Characterization and Biomarkers of Age and Sex Differences in the Decline of Spatial Memory. Frontiers in Aging Neuroscience, 2020, 12, 34.	3.4	23
78	Oxytocin and vasopressin modulation of the neural correlates of motivation and emotion: results from functional MRI studies in awake rats. Brain Research, 2014, 1580, 8-21.	2.2	22
79	Hypothesizing Music Intervention Enhances Brain Functional Connectivity Involving Dopaminergic Recruitment: Common Neuro-correlates to Abusable Drugs. Molecular Neurobiology, 2017, 54, 3753-3758.	4.0	22
80	Sustained Neurological Recovery After Stroke in Aged Rats Treated With a Novel Prostacyclin Analog. Stroke, 2017, 48, 1948-1956.	2.0	22
81	Enhancing effects of acute exposure to cannabis smoke on working memory performance. Neurobiology of Learning and Memory, 2019, 157, 151-162.	1.9	21
82	Hypothesizing that designer drugs containing cathinones (â€œbath saltsâ€) have profound neuro-inflammatory effects and dangerous neurotoxic response following human consumption. Medical Hypotheses, 2013, 81, 450-455.	1.5	20
83	Menthol enhances nicotine-induced locomotor sensitization and in vivo functional connectivity in adolescence. Journal of Psychopharmacology, 2018, 32, 332-343.	4.0	20
84	Cocaine-induced metabolic activation in cortico-limbic circuitry is increased after exposure to the histone deacetylase inhibitor, sodium butyrate. Neuroscience Letters, 2009, 465, 267-271.	2.1	19
85	Forebrain knock-out of torsinA reduces striatal free-water and impairs whole-brain functional connectivity in a symptomatic mouse model of DYT1 dystonia. Neurobiology of Disease, 2017, 106, 124-132.	4.4	19
86	Early life social stress and resting state functional connectivity in postpartum rat anterior cingulate circuits. Journal of Affective Disorders, 2018, 229, 213-223.	4.1	19
87	Post-stroke angiotensin II type 2 receptor activation provides long-term neuroprotection in aged rats. PLoS ONE, 2017, 12, e0180738.	2.5	19
88	Effect of cocaine sensitization prior to pregnancy on maternal care and aggression in the rat. Psychopharmacology, 2010, 209, 127-135.	3.1	18
89	Effects of repeated adolescent exposure to cannabis smoke on cognitive outcomes in adulthood. Journal of Psychopharmacology, 2021, 35, 848-863.	4.0	18
90	Effects of Cocaine on Maternal Behavior and Neurochemistry. Current Neuropharmacology, 2012, 10, 53-63.	2.9	17

#	ARTICLE	IF	CITATIONS
91	Volumetric magnetic resonance and diffusion tensor imaging of C58/J mice: neural correlates of repetitive behavior. <i>Brain Imaging and Behavior</i> , 2020, 14, 2084-2096.	2.1	17
92	Coupling Neurogenetics (GARS α , ϕ) and a Nutrigenomic Based Dopaminergic Agonist to Treat Reward Deficiency Syndrome (RDS): Targeting Polymorphic Reward Genes for Carbohydrate Addiction Algorithms. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 1, 75-80.	1.0	17
93	Neurovascular protection by adropin in experimental ischemic stroke through an endothelial nitric oxide synthase-dependent mechanism. <i>Redox Biology</i> , 2021, 48, 102197.	9.0	17
94	Cocaine alters GABAB-mediated G-protein activation in the ventral tegmental area of female rats: Modulation by estrogen. <i>Synapse</i> , 2004, 54, 30-36.	1.2	16
95	The Role of BTBD9 in the Cerebellum, Sleep-like Behaviors and the Restless Legs Syndrome. <i>Neuroscience</i> , 2020, 440, 85-96.	2.3	16
96	Molecular Genetic Testing in Reward Deficiency Syndrome (RDS): Facts and Fiction. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 65-68.	1.0	16
97	Brain Reward Pathway Dysfunction in Maternal Depression and Addiction: A Present and Future Transgenerational Risk. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 105-116.	1.0	16
98	The role of BTBD9 in the cerebral cortex and the pathogenesis of restless legs syndrome. <i>Experimental Neurology</i> , 2020, 323, 113111.	4.1	15
99	Cocaine-associated odor cue re-exposure increases blood oxygenation level dependent signal in memory and reward regions of the maternal rat brain. <i>Drug and Alcohol Dependence</i> , 2014, 134, 167-177.	3.2	14
100	Cannabidiol for the Treatment of Drug-Resistant Epilepsy in Children: Current State of Research. <i>Journal of Pediatric Neurology</i> , 2017, 15, 143-150.	0.2	14
101	Addiction Treatment in America: After Money or Aftercare?. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 87-94.	1.0	14
102	Characterization of Brain Metabolism by Nuclear Magnetic Resonance. <i>ChemPhysChem</i> , 2018, 20, 216-230.	2.1	13
103	Pharmacokinetic and Pharmacodynamic Characterization of Tetrahydrocannabinol-Induced Cannabinoid Dependence After Chronic Passive Cannabis Smoke Exposure in Rats. <i>Cannabis and Cannabinoid Research</i> , 2019, 4, 240-254.	2.9	13
104	Neural processing of a cocaine-associated odor cue revealed by functional MRI in awake rats. <i>Neuroscience Letters</i> , 2013, 534, 160-165.	2.1	12
105	Pilot clinical observations between food and drug seeking derived from fifty cases attending an eating disorder clinic. <i>Journal of Behavioral Addictions</i> , 2016, 5, 533-541.	3.7	12
106	Neurogenetics of acute and chronic opiate opioid abstinence treating symptoms and the cause. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1247-1288.	3.0	12
107	Exposure to smoke from high- but not low-nicotine cigarettes leads to signs of dependence in male rats and potentiates the effects of nicotine in female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172998.	2.9	12
108	Multiscale Imaging Reveals Aberrant Functional Connectome Organization and Elevated Dorsal Striatal Arc Expression in Advanced Age. <i>ENeuro</i> , 2019, 6, ENEURO.0047-19.2019.	1.9	12

#	ARTICLE	IF	CITATIONS
109	Pro-Dopamine Regulator - (KB220) to Balance Brain Reward Circuitry in Reward Deficiency Syndrome (RDS)., 2017, 03, .		12
110	Hypothesizing that a Pro-Dopaminergic Regulator (KB220zâ„¢ Liquid Variant) can Induce "Dopamine Homeostasis" and Provide Adjunctive Detoxification Benefits in Opiate/Opioid Dependence. Clinical Medical Reviews and Case Reports, 2016, 3, .	0.1	12
111	Depressed basal hypothalamic neuronal activity in type-1 diabetic mice is correlated with proinflammatory secretion of HMGB1. Neuroscience Letters, 2016, 615, 21-27.	2.1	11
112	The psychoactive cathinone derivative pyrovalerone alters locomotor activity and decreases dopamine receptor expression in zebrafish (<i>Danio rerio</i>). Brain and Behavior, 2019, 9, e01420.	2.2	11
113	Hypothesizing Balancing Endorphinergic and Glutaminergic Systems to Treat and Prevent Relapse to Reward Deficiency Behaviors: Coupling D-Phenylalanine and N-Acetyl-L-Cysteine (NAC) as a Novel Therapeutic Modality. Clinical Medical Reviews and Case Reports, 2015, 2, .	0.1	11
114	Compensatory functional connectome changes in a rat model of traumatic brain injury. Brain Communications, 2021, 3, fcab244.	3.3	11
115	Neuronutrient Amino-Acid Therapy Protects Against Reward Deficiency Syndrome: Dopaminergic Key to Homeostasis and Neuroplasticity. Current Pharmaceutical Design, 2016, 22, 5837-5854.	1.9	11
116	Low-Resolution Electromagnetic Tomography (LORETA) of changed Brain Function Provoked by Pro-Dopamine Regulator (KB220z) in one Adult ADHD case. Open Journal of Clinical & Medical Case Reports, 2016, 2, .	1.0	11
117	Increased BOLD activation to predator stressor in subiculum and midbrain of amphetamine-sensitized maternal rats. Brain Research, 2011, 1382, 118-127.	2.2	10
118	Assessing contributions of nucleus accumbens shell subregions to reward-seeking behavior. Drug and Alcohol Dependence, 2015, 153, 369-373.	3.2	10
119	In Vivo Tau Imaging for a Diagnostic Platform of Tauopathy Using the rTg4510 Mouse Line. Frontiers in Neurology, 2017, 8, 663.	2.4	10
120	Cocaine differentially affects synaptic activity in memory and midbrain areas of female and male rats: an in vivo MEMRI study. Brain Imaging and Behavior, 2018, 12, 201-216.	2.1	10
121	MEMRI reveals altered activity in brain regions associated with anxiety, locomotion, and cardiovascular reactivity on the elevated plus maze in the WKY vs SHR rats. Brain Imaging and Behavior, 2018, 12, 1318-1331.	2.1	10
122	Self-administration of the synthetic cathinone MDPV enhances reward function via a nicotinic receptor dependent mechanism. Neuropharmacology, 2018, 137, 286-296.	4.1	10
123	Relationship Between Nicotine Intake and Reward Function in Rats With Intermittent Short Versus Long Access to Nicotine. Nicotine and Tobacco Research, 2020, 22, 213-223.	2.6	10
124	Adolescent nicotine treatment causes robust locomotor sensitization during adolescence but impedes the spontaneous acquisition of nicotine intake in adult female Wistar rats. Pharmacology Biochemistry and Behavior, 2021, 207, 173224.	2.9	10
125	Designer Drugs: A Synthetic Catastrophe. Journal of Reward Deficiency Syndrome, 2015, 1, 82-86.	1.0	10
126	Contextual experience modifies functional connectome indices of topological strength and efficiency. Scientific Reports, 2020, 10, 19843.	3.3	9

#	ARTICLE	IF	CITATIONS
127	Enhancing Brain Pregnenolone May Protect Cannabis Intoxication but Should Not Be Considered as an Anti-addiction Therapeutic: Hypothesizing Dopaminergic Blockade and Promoting Anti-Reward. Journal of Reward Deficiency Syndrome, 2015, 01, 20-23.	1.0	9
128	Firing patterns of maternal rat prelimbic neurons during spontaneous contact with pups. Brain Research Bulletin, 2012, 88, 534-542.	3.0	8
129	Predator odor-evoked BOLD activation in the awake rat: Modulation by oxytocin and V1a vasopressin receptor antagonists. Brain Research, 2013, 1494, 70-83.	2.2	8
130	Lyme and dopaminergic function: Hypothesizing reduced reward deficiency symptomatology by regulating dopamine transmission. Journal of Systems and Integrative Neuroscience, 2017, 3, .	0.6	8
131	Central neural activation following contact sensitivity peripheral immune challenge: evidence of brain-immune regulation through C fibres. Immunology, 2015, 146, 206-216.	4.4	7
132	Differential Effect of Repeated Lipopolysaccharide Treatment and Aging on Hippocampal Function and Biomarkers of Hippocampal Senescence. Molecular Neurobiology, 2020, 57, 4045-4059.	4.0	7
133	Neurobiology of KB220Z-Glutaminergic-Dopaminergic Optimization Complex [GDOC] as a Liquid Nano: Clinical Activation of Brain in a Highly Functional Clinician Improving Focus, Motivation and Overall Sensory Input Following Chronic Intake. Clinical Medical Reviews and Case Reports, 2016, 3, .	0.1	7
134	Pro-Dopamine Regulator - (KB220) to Balance Brain Reward Circuitry in Reward Deficiency Syndrome (RDS)., 2017, 3, 3-13.		7
135	Analysis of Evidence for the Combination of Pro-dopamine Regulator (KB220PAM) and Naltrexone to Prevent Opioid Use Disorder Relapse. , 2018, 7, 564-579.		7
136	Prefrontal cell firing in male rats during approach towards sexually receptive female: Interactions with cocaine. Synapse, 2011, 65, 271-277.	1.2	6
137	Robustness of sex-differences in functional connectivity over time in middle-aged marmosets. Scientific Reports, 2020, 10, 16647.	3.3	6
138	Improvement of long-term memory access with a pro-dopamine regulator in an elderly male: Are we targeting dopamine tone?. Journal of Systems and Integrative Neuroscience, 2017, 3, .	0.6	6
139	Connectomic analysis of Alzheimer's disease using percolation theory. Network Neuroscience, 2022, 6, 213-233.	2.6	6
140	Researching Mitigation of Alcohol Binge Drinking in Polydrug Abuse: KCNK13 and RASGRF2 Gene(s) Risk Polymorphisms Coupled with Genetic Addiction Risk Severity (GARS) Guiding Precision Pro-Dopamine Regulation. Journal of Personalized Medicine, 2022, 12, 1009.	2.5	6
141	BOLD signal response to cocaine varies with sexual receptivity in female rats. NeuroReport, 2011, 22, 19-22.	1.2	5
142	Cocaine Sensitization Increases Kyphosis and Modulates Neural Activity in Adult Nulliparous Rats. Brain Sciences, 2012, 2, 667-683.	2.3	5
143	Can Genetic Testing Provide Information to Develop Customized Nutrigenomic Solutions for Reward Deficiency Syndrome?. Clinical Medical Reviews and Case Reports, 2015, 2, .	0.1	4
144	Pain differences in neurite orientation dispersion and density imaging measures among community-dwelling older adults. Experimental Gerontology, 2021, 154, 111520.	2.8	3

#	ARTICLE	IF	CITATIONS
145	High magnetic field fmri compliant carbon nanofiber neural probes. , 2017, , .		2
146	Small Animal Imaging as a Tool for Modeling CNS Disorders. , 2013, , 59-85.		1
147	A new day for an old emotion: studying fear learning using awake mouse functional magnetic resonance imaging (Commentary on <i>Harris etÅal</i>.). European Journal of Neuroscience, 2015, 42, 2123-2124.	2.6	1
148	Neuroquantum Theories of Psychiatric Genetics: Can Physical Forces Induce Epigenetic Influence on Future Genomes?. NeuroQuantology, 2015, 13, .	0.2	1
149	Neither biological nor symptomatology reductionism: A call for integration in psychopathology research. Behavioral and Brain Sciences, 2019, 42, e17.	0.7	1
150	Imaging the Maternal Rat Brain. , 2008, , 61-74.		1
151	Flexible metamaterial lens for magnetic field and signal-to-noise ratio improvements in 1.5 T and 3 T magnetic resonance imaging. , 2022, , .		1
152	Functional Magnetic Resonance Imaging in Awake Rats: Studies Relevant to Addiction and the Reward Circuitry. Neuromethods, 2013, , 351-374.	0.3	0
153	Su1605 â€œ Alterations in Brain Functional Connectivity in an Animal Model of Colitis. Gastroenterology, 2019, 156, S-580.	1.3	0
154	The effects of acute and repeated methylenedioxypyrovalerone (MDPV) administration on striatal transcriptome networks in male long evans rats. Neuroscience Letters, 2019, 712, 134499.	2.1	0
155	Effects of Cocaine on Maternal Behavior and Neurochemistry. Current Neuropharmacology, 2011, 999, 1-11.	2.9	0
156	In vivo MEMRI reveals persistent activation of the brain autonomic areas by an acute systemic angiotensin II injection. FASEB Journal, 2012, 26, lb801.	0.5	0
157	Abstract P156: Fiber-rich Diet Suppresses Lactobacillus And Increases Blood Pressure In The Shr Independently Of T-lymphocyte Immune Responses. Hypertension, 2016, 68, .	2.7	0
158	Invited Commentary: In a Genomic Era, Should We Promote Dopamine Homeostasis to Treat Opiate/ Opioid Abuse, Instead of Blocking Brain Dopamine Function?. Medical Research Archives, 2017, 5, .	0.2	0
159	Inulin/FOSâ€œrich diet alters gut microbiota, brain activity and cardiovascular responses in the SHR. FASEB Journal, 2018, 32, 921.6.	0.5	0
160	Abstract O77: Captopril-Induced Sustained Reduction in Blood Pressure is Associated With Alterations in Gut-Brain Axis in the Spontaneously Hypertensive Rats. Hypertension, 2018, 72, .	2.7	0
161	Magnetic resonanceâ€œbased axonal microstructure measures are differentially modulated by interleukinâ€œ6 in amyloid expressing TgCRND8 mice. FASEB Journal, 2019, 33, .	0.5	0
162	Abstract O84: Gut Dysbiosis Impairs Serotonergic Gut-Brain Axis and Increases Blood Pressure. Hypertension, 2019, 74, .	2.7	0

#	ARTICLE	IF	CITATIONS
163	Amygdalar Plasticity in Airway Disease. FASEB Journal, 2020, 34, 1-1.	0.5	0
164	Neurogenetics of alcohol use disorder a subset of reward deficiency syndrome: candidate genes to be or not to be?. , 2022, , 105-160.		0