

Marc J Kaufman

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

4,378
citations

117625

34
h-index

110387

64
g-index

91
all docs

91
docs citations

91
times ranked

4685
citing authors

#	ARTICLE	IF	CITATIONS
1	A methodological checklist for fMRI drug cue reactivity studies: development and expert consensus. <i>Nature Protocols</i> , 2022, 17, 567-595.	12.0	26
2	Clathrin-nanoparticles deliver BDNF to hippocampus and enhance neurogenesis, synaptogenesis and cognition in HIV/neuroAIDS mouse model. <i>Communications Biology</i> , 2022, 5, 236.	4.4	18
3	Age-related neuroendocrine, cognitive, and behavioral co-morbidities are promoted by HIV-1 Tat expression in male mice. <i>Aging</i> , 2022, 14, 5345-5365.	3.1	4
4	HIV-1 Tat promotes age-related cognitive, anxiety-like, and antinociceptive impairments in female mice that are moderated by aging and endocrine status. <i>GeroScience</i> , 2021, 43, 309-327.	4.6	12
5	Magnetic resonance spectroscopy studies of substance use disorders: Current landscape and potential future directions. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 200, 173090.	2.9	11
6	Temporal patterns of suicide and circulatory system disease-related mortality are inversely correlated in several countries. <i>BMC Psychiatry</i> , 2021, 21, 153.	2.6	1
7	Review Article: Anabolic-Androgenic Steroids, Violence, and Crime: Two Cases and Literature Review. <i>American Journal on Addictions</i> , 2021, 30, 423-432.	1.4	18
8	In vivo proton magnetic resonance spectroscopy detection of metabolite abnormalities in aged Tat-transgenic mouse brain. <i>GeroScience</i> , 2021, 43, 1851-1862.	4.6	9
9	Experimental Traumatic Brain Injury during Adolescence Enhances Cocaine Rewarding Efficacy and Dysregulates Dopamine and Neuroimmune Systems in Brain Reward Substrates. <i>Journal of Neurotrauma</i> , 2020, 37, 27-42.	3.4	12
10	Effects of long-term cocaine self-administration on brain resting-state functional connectivity in nonhuman primates. <i>Translational Psychiatry</i> , 2020, 10, 420.	4.8	5
11	Glomerular Filtration Rate and Supraphysiologic-Dose Anabolic-Androgenic Steroid Use: A Cross-sectional Cohort Study. <i>American Journal of Kidney Diseases</i> , 2020, 76, 152-155.	1.9	2
12	Simian immunodeficiency virus transiently increases brain temperature in rhesus monkeys: detection with magnetic resonance spectroscopy thermometry. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2896-2904.	3.0	7
13	Targeted Treatment of Individuals With Psychosis Carrying a Copy Number Variant Containing a Genomic Triplication of the Glycine Decarboxylase Gene. <i>Biological Psychiatry</i> , 2019, 86, 523-535.	1.3	32
14	Effects of chronic cocaine self-administration and N-acetylcysteine on learning, cognitive flexibility, and reinstatement in nonhuman primates. <i>Psychopharmacology</i> , 2019, 236, 2143-2153.	3.1	11
15	Supraphysiologic-dose anabolic-androgenic steroid use: A risk factor for dementia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 100, 180-207.	6.1	34
16	Public health impact of androgens. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2018, 25, 218-223.	2.3	38
17	In Vivo Brain Glycine and Glutamate Concentrations in Patients With First-Episode Psychosis Measured by Echo Time-Averaged Proton Magnetic Resonance Spectroscopy at 4T. <i>Biological Psychiatry</i> , 2018, 83, 484-491.	1.3	34
18	Effects of Near-Infrared Light on Cerebral Bioenergetics Measured with Phosphorus Magnetic Resonance Spectroscopy. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 395-400.	2.0	14

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19	Conditional Human Immunodeficiency Virus Transactivator of Transcription Protein Expression Induces Depression-like Effects and Oxidative Stress. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 599-609.	1.5	16
20	White matter abnormalities in long-term anabolic-androgenic steroid users: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 1-5.	1.8	14
21	Regarding 2-Deoxy-D-Glucose Enhances Anesthetic Effects in Mice. <i>Anesthesia and Analgesia</i> , 2016, 122, 1224-1225.	2.2	3
22	Striatal Magnetic Resonance Spectroscopy Abnormalities in Young Adult Sapap3 Knockout Mice. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 39-48.	1.5	14
23	Lower Posterior Cingulate Cortex Glutathione Levels in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 116-124.	1.5	20
24	Brain and cognition abnormalities in long-term anabolic-androgenic steroid users. <i>Drug and Alcohol Dependence</i> , 2015, 152, 47-56.	3.2	70
25	In vivo magnetic resonance studies reveal neuroanatomical and neurochemical abnormalities in the serine racemase knockout mouse model of schizophrenia. <i>Neurobiology of Disease</i> , 2015, 73, 269-274.	4.4	27
26	Conditional Tat Protein Brain Expression in the GT-tg Bigenic Mouse Induces Cerebral Fractional Anisotropy Abnormalities. <i>Current HIV Research</i> , 2015, 13, 3-9.	0.5	10
27	Xenon Impairs Reconsolidation of Fear Memories in a Rat Model of Post-Traumatic Stress Disorder (PTSD). <i>PLoS ONE</i> , 2014, 9, e106189.	2.5	44
28	Conditional Tat protein expression in the GT-tg bigenic mouse brain induces gray matter density reductions. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 49-54.	4.8	45
29	Brain structural abnormalities in Doberman pinschers with canine compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 1-6.	4.8	31
30	A method for conducting functional MRI studies in alert nonhuman primates: Initial results with opioid agonists in male cynomolgus monkeys.. <i>Experimental and Clinical Psychopharmacology</i> , 2013, 21, 323-331.	1.8	8
31	Enlarged Cavum Septum Pellucidum as a Neurodevelopmental Marker in Adolescent-Onset Opiate Dependence. <i>PLoS ONE</i> , 2013, 8, e78590.	2.5	16
32	Expression of HIV-Tat protein is associated with learning and memory deficits in the mouse. <i>Behavioural Brain Research</i> , 2012, 229, 48-56.	2.2	121
33	Association between CHRNA5 genetic variation at rs16969968 and brain reactivity to smoking images in nicotine dependent women. <i>Drug and Alcohol Dependence</i> , 2012, 120, 7-13.	3.2	45
34	Prefrontal and limbic resting state brain network functional connectivity differs between nicotine-dependent smokers and non-smoking controls. <i>Drug and Alcohol Dependence</i> , 2012, 125, 252-259.	3.2	110
35	Positive Reinforcement Training in Squirrel Monkeys Using Clicker Training. <i>American Journal of Primatology</i> , 2012, 74, 712-720.	1.7	24
36	Anterior cingulate proton spectroscopy glutamate levels differ as a function of smoking cessation outcome. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1709-1713.	4.8	23

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37	A Double-Blind, Placebo-Controlled Trial of the NMDA Glycine Site Antagonist, GW468816, for Prevention of Relapse to Smoking in Females. <i>Journal of Clinical Psychopharmacology</i> , 2011, 31, 597-602.	1.4	11
38	Chronic cocaine exposure induces putamen glutamate and glutamine metabolite abnormalities in squirrel monkeys. <i>Psychopharmacology</i> , 2011, 217, 367-375.	3.1	15
39	Medial temporal lobe functioning and structure in the spontaneously hypertensive rat: Comparison with Wistar-Kyoto normotensive and Wistar-Kyoto hypertensive strains. <i>Hippocampus</i> , 2010, 20, 787-797.	1.9	21
40	Neural Substrates of Attentional Bias for Smoking-Related Cues: An fMRI Study. <i>Neuropsychopharmacology</i> , 2010, 35, 2339-2345.	5.4	122
41	Brain Reactivity to Smoking Cues Prior to Smoking Cessation Predicts Ability to Maintain Tobacco Abstinence. <i>Biological Psychiatry</i> , 2010, 67, 722-729.	1.3	371
42	Oral glycine administration increases brain glycine/creatine ratios in men: A proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 143-149.	1.8	24
43	Brain fMRI reactivity to smoking-related images before and during extended smoking abstinence.. <i>Experimental and Clinical Psychopharmacology</i> , 2009, 17, 365-373.	1.8	57
44	Cerebellar Gray Matter Volume Correlates with Duration of Cocaine Use in Cocaine-Dependent Subjects. <i>Neuropsychopharmacology</i> , 2007, 32, 2229-2237.	5.4	156
45	Reduced Plasma Nitric Oxide End Products in Cocaine-dependent Men. <i>Journal of Addiction Medicine</i> , 2007, 1, 96-103.	2.6	3
46	Antiandrogen Pretreatment Alters Cocaine Pharmacokinetics in Men. <i>Journal of Addiction Medicine</i> , 2007, 1, 198-204.	2.6	3
47	Methadone maintenance improves cognitive performance after two months of treatment.. <i>Experimental and Clinical Psychopharmacology</i> , 2006, 14, 157-164.	1.8	58
48	Prefrontal and temporal gray matter density decreases in opiate dependence. <i>Psychopharmacology</i> , 2006, 184, 139-144.	3.1	166
49	In vivo detection of brain glycine with echo-time-averaged 1H magnetic resonance spectroscopy at 4.0 T. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 681-686.	3.0	37
50	Cerebellar Vermis Involvement in Cocaine-Related Behaviors. <i>Neuropsychopharmacology</i> , 2006, 31, 1318-1326.	5.4	90
51	Development of Polyfluorophenyltropanes: Potential Probes for 19F Magnetic Resonance Imaging (MRI) and Spectroscopy (MRS) Assessments of the Dopamine Transporter. <i>Letters in Drug Design and Discovery</i> , 2005, 2, 302-306.	0.7	0
52	White matter hyperintensities in subjects with cocaine and opiate dependence and healthy comparison subjects. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 135-145.	1.8	102
53	Cerebral phosphorus metabolite and transverse relaxation time abnormalities in heroin-dependent subjects at onset of methadone maintenance treatment. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 217-226.	1.8	21
54	Oral choline increases choline metabolites in human brain. <i>Psychiatry Research - Neuroimaging</i> , 2004, 130, 1-9.	1.8	49

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55	Oral methylphenidate challenge selectively decreases putaminal T2 in healthy subjects. <i>Drug and Alcohol Dependence</i> , 2004, 76, 173-180.	3.2	14
56	Cerebral blood volume and clinical changes on the third day of placebo substitution for SSRI treatment. <i>Biological Psychiatry</i> , 2003, 53, 100-105.	1.3	11
57	Selective serotonin reuptake inhibitor discontinuation syndrome is associated with a rostral anterior cingulate choline metabolite decrease: a proton magnetic resonance spectroscopic imaging study. <i>Biological Psychiatry</i> , 2003, 54, 534-539.	1.3	21
58	Cocaine-induced cerebral vasoconstriction differs as a function of sex and menstrual cycle phase. <i>Biological Psychiatry</i> , 2001, 49, 774-781.	1.3	60
59	Test-retest reliability of DSC MRI CBV mapping in healthy volunteers. <i>NeuroReport</i> , 2001, 12, 1567-1569.	1.2	19
60	Influence of baseline hematocrit and hemodilution on BOLD fMRI activation. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1055-1062.	1.8	80
61	Brain Kinetics of Paroxetine and Fluoxetine on the Third Day of Placebo Substitution: A Fluorine MRS Study. <i>American Journal of Psychiatry</i> , 2000, 157, 1506-1508.	7.2	55
62	Illicit cocaine use patterns in intravenous-naive cocaine users following investigational intravenous cocaine administration. <i>Drug and Alcohol Dependence</i> , 2000, 58, 35-42.	3.2	17
63	Proton magnetic resonance spectroscopy of human basal ganglia: response to cocaine administration. <i>Biological Psychiatry</i> , 2000, 48, 685-692.	1.3	19
64	Cocaine Pharmacokinetics in Men and in Women During the Follicular and Luteal Phases of the Menstrual Cycle. <i>Neuropsychopharmacology</i> , 1999, 21, 294-303.	5.4	104
65	Cerebral phosphorus metabolite abnormalities in opiate-dependent polydrug abusers in methadone maintenance. <i>Psychiatry Research - Neuroimaging</i> , 1999, 90, 143-152.	1.8	31
66	Cocaine-Induced Erythrocytosis and Increase in von Willebrand Factor. <i>Archives of Internal Medicine</i> , 1999, 159, 1925.	3.8	55
67	T1 Effects in Sequential Dynamic Susceptibility Contrast Experiments. <i>Journal of Magnetic Resonance</i> , 1998, 130, 292-295.	2.1	20
68	Altoprane, a SPECT or PET imaging probe for dopamine neurons: II. distribution to dopamine-rich regions of primate brain. , 1998, 29, 105-115.		35
69	Functional magnetic resonance imaging of alprazolam-induced changes in humans with familial alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 1998, 82, 69-82.	1.8	24
70	Reduction in BOLD fMRI response to primary visual stimulation following alcohol ingestion. <i>Psychiatry Research - Neuroimaging</i> , 1998, 82, 135-146.	1.8	103
71	Cocaine-Induced Cerebral Vasoconstriction Detected in Humans With Magnetic Resonance Angiography. <i>JAMA - Journal of the American Medical Association</i> , 1998, 279, 376.	7.4	176
72	Concurrent Pharmacokinetic Analysis of Plasma Cocaine and Adrenocorticotrophic Hormone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 966-968.	3.6	19

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73	Functional Magnetic Resonance Imaging of Human Brain Activation During Cue-Induced Cocaine Craving. <i>American Journal of Psychiatry</i> , 1998, 155, 124-126.	7.2	409
74	Cocaine administration induces human splenic constriction and altered hematologic parameters. <i>Journal of Applied Physiology</i> , 1998, 85, 1877-1883.	2.5	26
75	Elevated frontal lobe cytosolic choline levels in minimal or mild AIDS dementia complex patients: A proton magnetic resonance spectroscopy study. <i>Biological Psychiatry</i> , 1997, 41, 500-502.	1.3	14
76	Cyclic GMP inhibits phosphoinositide turnover in choroid plexus: evidence for interactions between second messengers concurrently triggered by 5-HT _{2c} receptors. <i>Neuroscience Letters</i> , 1996, 206, 153-156.	2.1	7
77	Brain alcohol detectability increase with repeated administration in humans: A proton spectroscopy study. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 435-440.	3.0	24
78	Abnormal cerebral metabolism in polydrug abusers during early withdrawal: A ³¹ P MR spectroscopy study. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 658-663.	3.0	59
79	Sequential dynamic susceptibility contrast MR experiments in human brain: Residual contrast agent effect, steady state, and hemodynamic perturbation. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 655-663.	3.0	72
80	Serotonin 5-HT _{2C} Receptor Stimulates Cyclic GMP Formation in Choroid Plexus. <i>Journal of Neurochemistry</i> , 1995, 64, 199-205.	3.9	54
81	Cocaine accumulates in dopamine-rich regions of primate brain after I.V. Administration: Comparison with mazindol distribution. <i>Synapse</i> , 1994, 18, 261-275.	1.2	47
82	In vivo proton magnetic resonance spectroscopy of alcohol in rhesus monkey brain. <i>Magnetic Resonance Imaging</i> , 1994, 12, 1245-1253.	1.8	19
83	Distribution of cocaine recognition sites in monkey brain: II. Ex vivo autoradiography with [³ H]CFT and [¹²⁵ I]RTI-55. <i>Synapse</i> , 1992, 12, 99-111.	1.2	55
84	Severe depletion of cocaine recognition sites associated with the dopamine transporter in Parkinson's-diseased striatum. <i>Synapse</i> , 1991, 9, 43-49.	1.2	230
85	Distribution of cocaine recognition sites in monkey brain: I. In vitro autoradiography with [³ H]CFT. <i>Synapse</i> , 1991, 9, 177-187.	1.2	65
86	Autoradiographic localization of cocaine binding sites by [³ H]CFT ([³ H]WIN 35,428) in the monkey brain. <i>Synapse</i> , 1990, 6, 189-195.	1.2	93
87	The 5-HT _{1C} Receptor. <i>Annals of the New York Academy of Sciences</i> , 1990, 600, 149-166.	3.8	35
88	Carbon monoxide exposure potentiates high-frequency auditory threshold shifts induced by noise. <i>Hearing Research</i> , 1987, 26, 37-43.	2.0	65
89	HIV-Tat protein-accelerated aging. <i>Aging</i> , 0, . .	3.1	0