

Marc J Kaufman

List of Publications by Year in descending order

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89
papers

4,378
citations

117625

34
h-index

110387

64
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91
all docs

91
docs citations

91
times ranked

4685
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Prefrontal and temporal gray matter density decreases in opiate dependence. <i>Psychopharmacology</i> , 2006, 184, 139-144.	3.1	166
6	Cerebellar Gray Matter Volume Correlates with Duration of Cocaine Use in Cocaine-Dependent Subjects. <i>Neuropsychopharmacology</i> , 2007, 32, 2229-2237.	5.4	156
7	Neural Substrates of Attentional Bias for Smoking-Related Cues: An fMRI Study. <i>Neuropsychopharmacology</i> , 2010, 35, 2339-2345.	5.4	122
8	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
9	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
10	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
11	Reduction in BOLD fMRI response to primary visual stimulation following alcohol ingestion. <i>Psychiatry Research - Neuroimaging</i> , 1998, 82, 135-146.	1.8	103
12	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
13	Autoradiographic localization of cocaine binding sites by [3H]CFT ([3H]WIN 35,428) in the monkey brain. <i>Synapse</i> , 1990, 6, 189-195.	1.2	93
14	Cerebellar Vermis Involvement in Cocaine-Related Behaviors. <i>Neuropsychopharmacology</i> , 2006, 31, 1318-1326.	5.4	90
15	Influence of baseline hematocrit and hemodilution on BOLD fMRI activation. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1055-1062.	1.8	80
16	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
17	Brain and cognition abnormalities in long-term anabolic-androgenic steroid users. <i>Drug and Alcohol Dependence</i> , 2015, 152, 47-56.	3.2	70
18	Carbon monoxide exposure potentiates high-frequency auditory threshold shifts induced by noise. <i>Hearing Research</i> , 1987, 26, 37-43.	2.0	65

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19	Distribution of cocaine recognition sites in monkey brain: I. In vitro autoradiography with [3H]CFT. Synapse, 1991, 9, 177-187.	1.2	65
20	Cocaine-induced cerebral vasoconstriction differs as a function of sex and menstrual cycle phase. Biological Psychiatry, 2001, 49, 774-781.	1.3	60
21	Abnormal cerebral metabolism in polydrug abusers during early withdrawal: A31P MR spectroscopy study. Magnetic Resonance in Medicine, 1996, 35, 658-663.	3.0	59
22	Methadone maintenance improves cognitive performance after two months of treatment.. Experimental and Clinical Psychopharmacology, 2006, 14, 157-164.	1.8	58
23	Brain fMRI reactivity to smoking-related images before and during extended smoking abstinence.. Experimental and Clinical Psychopharmacology, 2009, 17, 365-373.	1.8	57
24	Distribution of cocaine recognition sites in monkey brain: II. Ex vivo autoradiography with [3H]CFT and [125I]RTI-55. Synapse, 1992, 12, 99-111.	1.2	55
25	Cocaine-Induced Erythrocytosis and Increase in von Willebrand Factor. Archives of Internal Medicine, 1999, 159, 1925.	3.8	55
26	Brain Kinetics of Paroxetine and Fluoxetine on the Third Day of Placebo Substitution: A Fluorine MRS Study. American Journal of Psychiatry, 2000, 157, 1506-1508.	7.2	55
27	Serotonin 5-HT _{2C} Receptor Stimulates Cyclic GMP Formation in Choroid Plexus. Journal of Neurochemistry, 1995, 64, 199-205.	3.9	54
28	Oral choline increases choline metabolites in human brain. Psychiatry Research - Neuroimaging, 2004, 130, 1-9.	1.8	49
29	Cocaine accumulates in dopamine-rich regions of primate brain after I.V. Administration: Comparison with mazindol distribution. Synapse, 1994, 18, 261-275.	1.2	47
30	Association between CHRNA5 genetic variation at rs16969968 and brain reactivity to smoking images in nicotine dependent women. Drug and Alcohol Dependence, 2012, 120, 7-13.	3.2	45
31	Conditional Tat protein expression in the GT-tg bigenic mouse brain induces gray matter density reductions. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 43, 49-54.	4.8	45
32	Xenon Impairs Reconsolidation of Fear Memories in a Rat Model of Post-Traumatic Stress Disorder (PTSD). PLoS ONE, 2014, 9, e106189.	2.5	44
33	Public health impact of androgens. Current Opinion in Endocrinology, Diabetes and Obesity, 2018, 25, 218-223.	2.3	38
34	In vivo detection of brain glycine with echo-time-averaged 1H magnetic resonance spectroscopy at 4.0 T. Magnetic Resonance in Medicine, 2006, 55, 681-686.	3.0	37
35	The 5-HT _{1C} Receptor. Annals of the New York Academy of Sciences, 1990, 600, 149-166.	3.8	35
36	Altoprane, a SPECT or PET imaging probe for dopamine neurons: II. distribution to dopamine-rich regions of primate brain. , 1998, 29, 105-115.		35

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37	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
38	Supraphysiologic-dose anabolic-androgenic steroid use: A risk factor for dementia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 100, 180-207.	6.1	34
39	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
40	Cerebral phosphorus metabolite abnormalities in opiate-dependent polydrug abusers in methadone maintenance. <i>Psychiatry Research - Neuroimaging</i> , 1999, 90, 143-152.	1.8	31
41	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
42	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
43	Cocaine administration induces human splenic constriction and altered hematologic parameters. <i>Journal of Applied Physiology</i> , 1998, 85, 1877-1883.	2.5	26
44	A methodological checklist for fMRI drug cue reactivity studies: development and expert consensus. <i>Nature Protocols</i> , 2022, 17, 567-595.	12.0	26
45	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
46	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
47	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
48	Positive Reinforcement Training in Squirrel Monkeys Using Clicker Training. <i>American Journal of Primatology</i> , 2012, 74, 712-720.	1.7	24
49	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
50	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
51	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
52	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
53	T1 Effects in Sequential Dynamic Susceptibility Contrast Experiments. <i>Journal of Magnetic Resonance</i> , 1998, 130, 292-295.	2.1	20
54	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

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55	In vivo proton magnetic resonance spectroscopy of alcohol in rhesus monkey brain. <i>Magnetic Resonance Imaging</i> , 1994, 12, 1245-1253.	1.8	19
56	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
57	Proton magnetic resonance spectroscopy of human basal ganglia: response to cocaine administration. <i>Biological Psychiatry</i> , 2000, 48, 685-692.	1.3	19
58	Test-retest reliability of DSC MRI CBV mapping in healthy volunteers. <i>NeuroReport</i> , 2001, 12, 1567-1569.	1.2	19
59	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
60	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
61	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
62	Enlarged Cavum Septum Pellucidum as a Neurodevelopmental Marker in Adolescent-Onset Opiate Dependence. <i>PLoS ONE</i> , 2013, 8, e78590.	2.5	16
63	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
64	Chronic cocaine exposure induces putamen glutamate and glutamine metabolite abnormalities in squirrel monkeys. <i>Psychopharmacology</i> , 2011, 217, 367-375.	3.1	15
65	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
66	Oral methylphenidate challenge selectively decreases putaminal T2 in healthy subjects. <i>Drug and Alcohol Dependence</i> , 2004, 76, 173-180.	3.2	14
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	Reduced Plasma Nitric Oxide End Products in Cocaine-dependent Men. <i>Journal of Addiction Medicine</i> , 2007, 1, 96-103.	2.6	3
84	Antiandrogen Pretreatment Alters Cocaine Pharmacokinetics in Men. <i>Journal of Addiction Medicine</i> , 2007, 1, 198-204.	2.6	3
85	Regarding α -2-Deoxy-D-Glucose Enhances Anesthetic Effects in Mice. <i>Anesthesia and Analgesia</i> , 2016, 122, 1224-1225.	2.2	3
86	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
87	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
88	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
89	HIV-Tat protein-accelerated aging. <i>Aging</i> , 0, . .	3.1	0