

David Matuskey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1201079/publications.pdf>

Version: 2024-02-01

83
papers

3,125
citations

218592

26
h-index

182361

51
g-index

85
all docs

85
docs citations

85
times ranked

3975
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Pituitary Vasopressin 1B Receptor in Humans with the PET Radiotracer ¹¹ C-TASP699. <i>Journal of Nuclear Medicine</i> , 2022, 63, 609-614.	2.8	7
2	Recently Abstinent Smokers Exhibit Mood-Associated Dopamine Dysfunction in the Ventral Striatum Compared to Nonsmokers: A [¹¹ C]-(+)-PHNO PET Study. <i>Nicotine and Tobacco Research</i> , 2022, 24, 745-752.	1.4	5
3	Nicotine patch alters patterns of cigarette smoking-induced dopamine release: Patterns relate to biomarkers associated with treatment response. <i>Nicotine and Tobacco Research</i> , 2022, , .	1.4	1
4	Relationships between dopamine D2/3 receptor availability and social-environmental factors in humans. <i>Neuroscience Letters</i> , 2022, 771, 136463.	1.0	1
5	Imaging the effect of ketamine on synaptic density (SV2A) in the living brain. <i>Molecular Psychiatry</i> , 2022, 27, 2273-2281.	4.1	25
6	Imaging of Synaptic Density in Neurodegenerative Disorders. <i>Journal of Nuclear Medicine</i> , 2022, 63, 60S-67S.	2.8	29
7	D3 Receptors and PET Imaging. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , .	0.8	0
8	Binding of the synaptic vesicle radiotracer [¹¹ C]UCB-J is unchanged during functional brain activation using a visual stimulation task. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1067-1079.	2.4	28
9	Simplified Quantification of ¹¹ C-UCB-J PET Evaluated in a Large Human Cohort. <i>Journal of Nuclear Medicine</i> , 2021, 62, 418-421.	2.8	19
10	First-in-Human Evaluation of ¹⁸ F-SynVesT-1, a Radioligand for PET Imaging of Synaptic Vesicle Glycoprotein 2A. <i>Journal of Nuclear Medicine</i> , 2021, 62, 561-567.	2.8	60
11	Multimodal investigation of dopamine D2/D3 receptors, default mode network suppression, and cognitive control in cocaine-use disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 316-324.	2.8	14
12	First-in-Human Assessment of ¹¹ C-LSN3172176, an M1 Muscarinic Acetylcholine Receptor PET Radiotracer. <i>Journal of Nuclear Medicine</i> , 2021, 62, 553-560.	2.8	35
13	Assessment of test-retest reproducibility of [¹⁸ F]SynVesT-1, a novel radiotracer for PET imaging of synaptic vesicle glycoprotein 2A. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1327-1338.	3.3	23
14	Dopamine D2/3 receptor availability in cocaine use disorder individuals with obesity as measured by [¹¹ C]PHNO PET. <i>Drug and Alcohol Dependence</i> , 2021, 220, 108514.	1.6	1
15	Testing the effects of the GLP-1 receptor agonist exenatide on cocaine self-administration and subjective responses in humans with cocaine use disorder. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108614.	1.6	16
16	Psychiatric Hospitalizations Before and After Firearm Reform in Connecticut. <i>Psychiatric Services</i> , 2021, 72, 617-617.	1.1	0
17	Imaging the Effect of Ketamine on Synaptic (SV2A) Density. <i>Biological Psychiatry</i> , 2021, 89, S35.	0.7	0
18	Looking Back at the Next 40 Years of ASD Neuroscience Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 4333-4353.	1.7	17

#	ARTICLE	IF	CITATIONS
19	Identifying brain networks in synaptic density PET (11C-UCB-J) with independent component analysis. <i>NeuroImage</i> , 2021, 237, 118167.	2.1	18
20	Effect of age on brain metabotropic glutamate receptor subtype 5 measured with [18F]FPEB PET. <i>NeuroImage</i> , 2021, 238, 118217.	2.1	10
21	Assessment of transient dopamine responses to smoked cannabis. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108920.	1.6	4
22	PET Imaging of Synaptic Vesicle Protein 2A. , 2021, , 993-1019.		10
23	Imaging brain cortisol regulation in PTSD with a target for 11 β -hydroxysteroid dehydrogenase type 1. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	10
24	First in-human PET study and kinetic evaluation of [¹⁸ F]AS2471907 for imaging 11 β -hydroxysteroid dehydrogenase type 1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 695-704.	2.4	10
25	PET Imaging of Pancreatic Dopamine D ₂ and D ₃ Receptor Density with ¹¹ C-(+)-PHNO in Type 1 Diabetes. <i>Journal of Nuclear Medicine</i> , 2020, 61, 570-576.	2.8	19
26	Clinical brain PET research must embrace multi-centre collaboration and data sharing or risk its demise. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 502-504.	3.3	6
27	Further in vivo characterization of [¹¹ C]â€(+)-â€PHNO uptake into a retinaâ€like region of interest in humans. <i>Synapse</i> , 2020, 74, e22135.	0.6	1
28	Measuring the effects of ketamine on mGluR5 using [¹⁸ F]FPEB and PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2254-2264.	2.4	13
29	In vivo 5-HT ₆ and 5-HT _{2A} receptor availability in antipsychotic treated schizophrenia patients vs. unmedicated healthy humans measured with [11C]GSK215083 PET. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111007.	0.9	17
30	PTSD is associated with neuroimmune suppression: evidence from PET imaging and postmortem transcriptomic studies. <i>Nature Communications</i> , 2020, 11, 2360.	5.8	56
31	Kinetic Modeling and Testâ€Retest Reproducibility of ¹¹ C-EKAP and ¹¹ C-FEKAP, Novel Agonist Radiotracers for PET Imaging of the μ -Opioid Receptor in Humans. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1636-1642.	2.8	10
32	Body Mass Index and Age Effects on Brain 11 β -Hydroxysteroid Dehydrogenase Type 1: a Positron Emission Tomography Study. <i>Molecular Imaging and Biology</i> , 2020, 22, 1124-1131.	1.3	9
33	Synaptic Changes in Parkinson Disease Assessed with in vivo Imaging. <i>Annals of Neurology</i> , 2020, 87, 329-338.	2.8	112
34	Tobacco Smoking in People Is Not Associated with Altered 18-kDa Translocator Protein Levels: A PET Study. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1200-1204.	2.8	8
35	Human adult and adolescent biodistribution and dosimetry of the synaptic vesicle glycoprotein 2A radioligand 11C-UCB-J. <i>EJNMMI Research</i> , 2020, 10, 83.	1.1	8
36	PET imaging of synaptic density: A new tool for investigation of neuropsychiatric diseases. <i>Neuroscience Letters</i> , 2019, 691, 44-50.	1.0	85

#	ARTICLE	IF	CITATIONS
37	Positron emission tomography imaging of the $\hat{1}^3$ -aminobutyric acid system. <i>Neuroscience Letters</i> , 2019, 691, 35-43.	1.0	22
38	Sex differences in amphetamine-induced dopamine release in the dorsolateral prefrontal cortex of tobacco smokers. <i>Neuropsychopharmacology</i> , 2019, 44, 2205-2211.	2.8	27
39	Effects of age, BMI and sex on the glial cell marker TSPO – a multicentre [^{11}C]PBR28 HRRT PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2329-2338.	3.3	70
40	Kappa-opioid receptors, dynorphin, and cocaine addiction: a positron emission tomography study. <i>Neuropsychopharmacology</i> , 2019, 44, 1720-1727.	2.8	36
41	In vivo evidence for dysregulation of mGluR5 as a biomarker of suicidal ideation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11490-11495.	3.3	34
42	Imaging the Enzyme $^{11}\hat{2}$ -Hydroxysteroid Dehydrogenase Type 1 with PET: Evaluation of the Novel Radiotracer ^{11}C -AS2471907 in Human Brain. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1140-1146.	2.8	11
43	Social status and demographic effects of the kappa opioid receptor: a PET imaging study with a novel agonist radiotracer in healthy volunteers. <i>Neuropsychopharmacology</i> , 2019, 44, 1714-1719.	2.8	22
44	A single-center, open-label positron emission tomography study to evaluate brivaracetam and levetiracetam synaptic vesicle glycoprotein 2A binding in healthy volunteers. <i>Epilepsia</i> , 2019, 60, 958-967.	2.6	45
45	Lower synaptic density is associated with depression severity and network alterations. <i>Nature Communications</i> , 2019, 10, 1529.	5.8	277
46	Binge alcohol use is not associated with alterations in striatal dopamine receptor binding or dopamine release. <i>Drug and Alcohol Dependence</i> , 2019, 205, 107627.	1.6	7
47	Editorial. <i>Neuroscience Letters</i> , 2019, 691, 1-2.	1.0	1
48	Partial-volume correction increases estimated dopamine D2-like receptor binding potential and reduces adult age differences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 822-833.	2.4	38
49	Reproducibility of the correlative triad among aging, dopamine receptor availability, and cognition. <i>Psychology and Aging</i> , 2019, 34, 921-932.	1.4	13
50	Age-Related Change in 5-HT ₆ Receptor Availability in Healthy Male Volunteers Measured with ^{11}C -GSK215083 PET. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1445-1450.	2.8	34
51	Ketamine-induced reduction in mGluR5 availability is associated with an antidepressant response: an [^{11}C]ABP688 and PET imaging study in depression. <i>Molecular Psychiatry</i> , 2018, 23, 824-832.	4.1	108
52	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1119-1127.	2.8	57
53	The Effect of Treatment with Guanfacine, an Alpha2 Adrenergic Agonist, on Dopaminergic Tone in Tobacco Smokers: An [^{11}C]FLB457 PET Study. <i>Neuropsychopharmacology</i> , 2018, 43, 1052-1058.	2.8	12
54	Evaluation of ^{18}F -flubatine-specific binding: Implications for reference region approaches. <i>Synapse</i> , 2018, 72, e22016.	0.6	7

#	ARTICLE	IF	CITATIONS
55	Kinetic evaluation and test-retest reproducibility of [¹¹ C]UCB-J, a novel radioligand for positron emission tomography imaging of synaptic vesicle glycoprotein 2A in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2041-2052.	2.4	143
56	Cerebellar and Prefrontal Cortical Alterations in PTSD: Structural and Functional Evidence. <i>Chronic Stress</i> , 2018, 2, 247054701878639.	1.7	51
57	Regional and source-based patterns of [¹¹ C]-(+)-PHNO binding potential reveal concurrent alterations in dopamine D 2 and D 3 receptor availability in cocaine-use disorder. <i>NeuroImage</i> , 2017, 148, 343-351.	2.1	32
58	Metabotropic Glutamate Receptor 5 and Glutamate Involvement in Major Depressive Disorder: A Multimodal Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 449-456.	1.1	47
59	Preliminary evidence concerning the pattern and magnitude of cognitive dysfunction in major depressive disorder using cogstate measures. <i>Journal of Affective Disorders</i> , 2017, 218, 82-85.	2.0	18
60	Investigating Age Related Associations of Metabotropic Glutamate Receptor 5 Density Using [¹⁸ F]FPEB and PET. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, S96-S97.	0.6	1
61	Altered metabotropic glutamate receptor 5 markers in PTSD: In vivo and postmortem evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8390-8395.	3.3	107
62	389. In Vivo Evidence of Lower Synaptic Density in Depression and Associated Mood and Cognitive Deficits: A [11C]UCB-J PET Imaging Study. <i>Biological Psychiatry</i> , 2017, 81, S159.	0.7	3
63	Elevated Dopamine D2/3 Receptor Availability in Obese Individuals: A PET Imaging Study with [11C](+)PHNO. <i>Neuropsychopharmacology</i> , 2016, 41, 3042-3050.	2.8	47
64	Imaging synaptic density in the living human brain. <i>Science Translational Medicine</i> , 2016, 8, 348ra96.	5.8	343
65	Age-related changes in binding of the D2/3 receptor radioligand [11C](+)PHNO in healthy volunteers. <i>NeuroImage</i> , 2016, 130, 241-247.	2.1	43
66	Memory Reconsolidation for Treatment-Resistant Aggression and Self-Injurious Behaviors. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 104-105.	0.7	1
67	Test-retest reliability of the novel 5-HT1B receptor PET radioligand [11C]P943. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 468-477.	3.3	20
68	A Case Series on the Heightened Autonomic Response due to Guanfacine and Amphetamine Interaction. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 197-199.	0.7	6
69	Imaging robust microglial activation after lipopolysaccharide administration in humans with PET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12468-12473.	3.3	265
70	A preliminary study of dopamine D2/3 receptor availability and social status in healthy and cocaine dependent humans imaged with [11C](+)PHNO. <i>Drug and Alcohol Dependence</i> , 2015, 154, 167-173.	1.6	25
71	The effects of methylphenidate on resting-state striatal, thalamic and global functional connectivity in healthy adults. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1177-1191.	1.0	47
72	Gray matter volume correlates of global positive alcohol expectancy in non-dependent adult drinkers. <i>Addiction Biology</i> , 2014, 19, 895-906.	1.4	15

#	ARTICLE	IF	CITATIONS
73	Dopamine D3 receptor alterations in cocaine-dependent humans imaged with [11C](+)PHNO. Drug and Alcohol Dependence, 2014, 139, 100-105.	1.6	63
74	Reductions in Brain 5-HT1B Receptor Availability in Primarily Cocaine-Dependent Humans. Biological Psychiatry, 2014, 76, 816-822.	0.7	50
75	Parametric Imaging and Testâ€“Retest Variability of ¹¹ C-(+)-PHNO Binding to D ₂ /D ₃ Dopamine Receptors in Humans on the High-Resolution Research Tomograph PET Scanner. Journal of Nuclear Medicine, 2014, 55, 960-966.	2.8	38
76	The effects of methylphenidate on cerebral activations to salient stimuli in healthy adults.. Experimental and Clinical Psychopharmacology, 2014, 22, 154-165.	1.3	21
77	Methylphenidate remediates error-preceding activation of the default mode brain regions in cocaine-addicted individuals. Psychiatry Research - Neuroimaging, 2013, 214, 116-121.	0.9	21
78	Late-life onset bipolar disorder presenting as a case of pseudo-dementia: a case discussion and review of literature. Yale Journal of Biology and Medicine, 2013, 86, 235-44.	0.2	4
79	Age Effects on Serotonin Receptor 1B as Assessed by PET. Journal of Nuclear Medicine, 2012, 53, 1411-1414.	2.8	26
80	A single-day paradigm of self-regulated human cocaine administration. Pharmacology Biochemistry and Behavior, 2012, 103, 95-101.	1.3	9
81	Prefrontal cortical response to emotional faces in individuals with major depressive disorder in remission. Psychiatry Research - Neuroimaging, 2012, 202, 30-37.	0.9	42
82	A multistudy analysis of the effects of early cocaine abstinence on sleep. Drug and Alcohol Dependence, 2011, 115, 62-66.	1.6	41
83	Biological markers of the effects of intravenous methylphenidate on improving inhibitory control in cocaine-dependent patients. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14455-14459.	3.3	85