

Laura L Boles-Ponto

List of Publications by Year in descending order

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76
papers

3,721
citations

218677

26
h-index

128289

60
g-index

77
all docs

77
docs citations

77
times ranked

4837
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypofrontality in schizophrenia: distributed dysfunctional circuits in neuroleptic-naïve patients. <i>Lancet, The</i> , 1997, 349, 1730-1734.	13.7	579
2	A role for left temporal pole in the retrieval of words for unique entities. <i>Human Brain Mapping</i> , 2001, 13, 199-212.	3.6	283
3	Cerebral Blood Flow Changes Associated With Attribution of Emotional Valence to Pleasant, Unpleasant, and Neutral Visual Stimuli in a PET Study of Normal Subjects. <i>American Journal of Psychiatry</i> , 1999, 156, 1618-1629.	7.2	280
4	The cerebellum and emotional experience. <i>Neuropsychologia</i> , 2007, 45, 1331-1341.	1.6	246
5	Emotions in Unmedicated Patients With Schizophrenia During Evaluation With Positron Emission Tomography. <i>American Journal of Psychiatry</i> , 2003, 160, 1775-1783.	7.2	182
6	Furosemide (Frusemide). <i>Clinical Pharmacokinetics</i> , 1990, 18, 381-408.	3.5	176
7	A Positron Emission Tomography Study of Binaurally and Dichotically Presented Stimuli: Effects of Level of Language and Directed Attention. <i>Brain and Language</i> , 1996, 53, 20-39.	1.6	139
8	Effects of frequent marijuana use on memory-related regional cerebral blood flow. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 237-250.	2.9	133
9	Furosemide (Frusemide). <i>Clinical Pharmacokinetics</i> , 1990, 18, 460-471.	3.5	123
10	Cerebellar hypoactivity in frequent marijuana users. <i>NeuroReport</i> , 2000, 11, 749-753.	1.2	112
11	Effects of Timing and Duration of Cognitive Activation in [¹⁵ O]Water PET Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 423-430.	4.3	108
12	Comparison of the effects of risperidone and haloperidol on regional cerebral blood flow in schizophrenia. <i>Biological Psychiatry</i> , 2001, 49, 704-715.	1.3	107
13	Dysfunctional cortico-cerebellar circuits cause "cognitive dysmetria" in schizophrenia. <i>NeuroReport</i> , 1998, 9, 1895-1899.	1.2	105
14	Kinetic Analysis of 3-Deoxy-3-18F-Fluorothymidine (18F-FLT) in Head and Neck Cancer Patients Before and Early After Initiation of Chemoradiation Therapy. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1028-1035.	5.0	77
15	Regulation of Glucose Tolerance and Sympathetic Activity by MC4R Signaling in the Lateral Hypothalamus. <i>Diabetes</i> , 2015, 64, 1976-1987.	0.6	62
16	Sample Size and Statistical Power in [15O]H ₂ O Studies of Human Cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 804-816.	4.3	57
17	Metabolic Correlates of Antidepressant and Antipsychotic Response in Patients With Psychotic Depression Undergoing Electroconvulsive Therapy. <i>Journal of ECT</i> , 2007, 23, 265-273.	0.6	53
18	Aging, grey matter, and blood flow in the anterior cingulate cortex. <i>NeuroImage</i> , 2007, 37, 1346-1353.	4.2	49

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19	Neural bases of dysphoria in early Huntington's disease. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 73-87.	1.8	43
20	Novel vs. Well-learned Memory for Faces: A Positron Emission Tomography Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 255-266.	2.3	39
21	A methodology for incorporating functional bone marrow sparing in IMRT planning for pelvic radiation therapy. <i>Radiotherapy and Oncology</i> , 2011, 99, 49-54.	0.6	39
22	Frontal hypometabolism in elderly breast cancer survivors determined by [¹⁸ F]fluorodeoxyglucose (FDG) positron emission tomography (PET): a pilot study. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 587-594.	2.7	30
23	¹⁸ F-FDG-PET Imaging for Post-COVID-19 Brain and Skeletal Muscle Alterations. <i>Viruses</i> , 2021, 13, 2283.	3.3	30
24	Age and Regional Cerebral Blood Flow in Schizophrenia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2002, 14, 19-24.	1.8	29
25	Regional Cerebral Blood Flow Changes During Visually Induced Subjective Sadness in Healthy Elderly Persons. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2003, 15, 35-44.	1.8	29
26	Spatial mapping of functional pelvic bone marrow using FLT PET. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 129-136.	1.9	29
27	Higher Aortic Stiffness Is Associated With Lower Global Cerebrovascular Reserve Among Older Humans. <i>Hypertension</i> , 2018, 72, 476-482.	2.7	28
28	FLT PET Radiomics for Response Prediction to Chemoradiation Therapy in Head and Neck Squamous Cell Cancer. <i>Tomography</i> , 2019, 5, 161-169.	1.8	28
29	Effect of Acute Marijuana on Cardiovascular Function and Central Nervous System Pharmacokinetics of [¹⁵ O]Water: Effect in Occasional and Chronic Users. <i>Journal of Clinical Pharmacology</i> , 2004, 44, 751-766.	2.0	27
30	³ â€™-deoxy- ³ â€™-[¹⁸ F]fluorothymidine PET Quantification of Bone Marrow Response to Radiation Dose. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 888-893.	0.8	27
31	Residual naming after damage to the left temporal pole: a PET activation study. <i>NeuroImage</i> , 2003, 19, 846-860.	4.2	26
32	Donepezil Effects on Cerebral Blood Flow in Older Adults With Mild Cognitive Deficits. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2006, 18, 178-185.	1.8	26
33	Altered Neural Activity and Emotions Following Right Middle Cerebral Artery Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 94-104.	1.6	26
34	Eyeblink Conditioning in Healthy Adults: A Positron Emission Tomography Study. <i>Cerebellum</i> , 2012, 11, 946-956.	2.5	23
35	Repeatability of Gallium-68 DOTATOC Positron Emission Tomographic Imaging in Neuroendocrine Tumors. <i>Pancreas</i> , 2013, 42, 937-943.	1.1	23
36	Global cerebral blood flow after CO ₂ inhalation in normal subjects and patients with panic disorder determined with [¹⁵ O]water and PET. <i>Journal of Anxiety Disorders</i> , 2002, 16, 247-258.	3.2	22

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37	The neural correlates of implicit sequence learning in schizophrenia.. <i>Neuropsychology</i> , 2007, 21, 761-777.	1.3	22
38	Technical issues in the determination of cerebrovascular reserve in elderly subjects using 15O-water PET imaging. <i>NeuroImage</i> , 2004, 21, 201-210.	4.2	19
39	Global Cerebral Blood Flow in Relation to Cognitive Performance and Reserve in Subjects with Mild Memory Deficits. <i>Molecular Imaging and Biology</i> , 2006, 8, 363-372.	2.6	19
40	Investigation of the pharmacokinetics of ^3H -deoxy- ^3H -[18F]fluorothymidine uptake in the bone marrow before and early after initiation of chemoradiation therapy in head and neck cancer. <i>Nuclear Medicine and Biology</i> , 2010, 37, 433-438.	0.6	19
41	Preliminary Investigation of Cerebral Blood Flow and Amyloid Burden in Veterans With and Without Combat-Related Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2016, 28, 89-96.	1.8	18
42	Clinical Blood Flow Measurement with [15O] Water and Positron Emission Tomography (PET). , 1995, , 401-417.		18
43	Ginkgo biloba extract: review of CNS effects. <i>Annals of Clinical Psychiatry</i> , 2003, 15, 109-119.	0.6	18
44	Cerebral blood flow and neuropsychological functioning in elderly vascular disease patients. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 220-225.	1.3	17
45	Brain activity assessed with PET during recall of word lists and narratives. <i>NeuroReport</i> , 1997, 8, 3091-3096.	1.2	14
46	Correlation Between Extraversion and Regional Cerebral Blood Flow in Response to Olfactory Stimuli. <i>American Journal of Psychiatry</i> , 2007, 164, 339-341.	7.2	14
47	Temporal lobe asymmetry in FDG-PET uptake predicts neuropsychological and seizure outcomes after temporal lobectomy. <i>Epilepsy and Behavior</i> , 2018, 78, 62-67.	1.7	14
48	Imaging Transcranial Direct Current Stimulation (tDCS) with Positron Emission Tomography (PET). <i>Brain Sciences</i> , 2020, 10, 236.	2.3	14
49	Detection of Unsuspected Metastasis in a Melanoma Patient With Positron Emission Tomography. <i>Clinical Nuclear Medicine</i> , 1995, 20, 744-747.	1.3	10
50	Fluorine-18-Labeled Thymidine Positron Emission Tomography (FLT-PET) as an Index of Cell Proliferation after Pharmacological Ascorbate-Based Therapy. <i>Radiation Research</i> , 2016, 185, 31-38.	1.5	9
51	Relating Observed Psychoactive Effects to the Plasma Concentrations of Delta-9-Tetrahydrocannabinol and Its Active Metabolite: An Effect-Compartment Modeling Approach. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 745-755.	3.3	9
52	Individual Cerebral Blood Flow Responses to Transcranial Direct Current Stimulation at Various Intensities. <i>Brain Sciences</i> , 2020, 10, 855.	2.3	9
53	Uses and Limitations of Positron Emission Tomography in Clinical Pharmacokinetics/Dynamics (Part I)1. <i>Clinical Pharmacokinetics</i> , 1992, 22, 211-222.	3.5	8
54	Challenges of marijuana research. <i>Brain</i> , 2006, 129, 1081-1083.	7.6	8

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55	Contamination Levels in Blood Samples Drawn from the Injection Intravenous Line. <i>Molecular Imaging and Biology</i> , 2002, 4, 410-414.	2.6	7
56	Construction of a whole body blood flow model for use in positron emission tomography imaging with [15O]water. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 1997, 25, 539-568.	0.6	6
57	Early Phase PIBâ€PET as a Surrogate for Global and Regional Cerebral Blood Flow Measures. <i>Journal of Neuroimaging</i> , 2019, 29, 85-96.	2.0	6
58	Uses and Limitations of Positron Emission Tomography in Clinical Pharmacokinetics/Dynamics (Part II). <i>Clinical Pharmacokinetics</i> , 1992, 22, 274-283.	3.5	5
59	Dosimetry of [15 O]water: A physiologic approach. <i>Medical Physics</i> , 1996, 23, 159-168.	3.0	5
60	[15O]Water Pharmacokinetics Influence of Age and Gender in Normal Subjects. <i>Molecular Imaging and Biology</i> , 2002, 4, 129-137.	2.6	5
61	Different Effects of Transcranial Direct Current Stimulation on Leg Muscle Glucose Uptake Asymmetry in Two Women with Multiple Sclerosis. <i>Brain Sciences</i> , 2020, 10, 549.	2.3	5
62	Comparison of T₁ Rho MRI, Glucose Metabolism, and Amyloid Burden Across the Cognitive Spectrum: A Pilot Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 352-361.	1.8	4
63	No Immediate Effects of Transcranial Direct Current Stimulation at Various Intensities on Cerebral Blood Flow in People with Multiple Sclerosis. <i>Brain Sciences</i> , 2020, 10, 82.	2.3	4
64	Multiparametric magnetic resonance imaging and positron emission tomography findings in neurodegenerative diseases: Current status and future directions. <i>Neuroradiology Journal</i> , 2021, 34, 263-288.	1.2	4
65	Stability of 3â€Deoxy-3â€-[^{18</sup>F]Fluorothymidine Standardized Uptake Values in Head and Neck Cancer Over Time. <i>Cancer Biotherapy and Radiopharmaceuticals</i>, 2010, 25, 361-363.}	1.0	3
66	Pharmacoinaging of Blood-Brain Barrier Permeable (FDG) and Impermeable (FLT) Substrates After Intranasal (IN) Administration. <i>AAPS Journal</i> , 2018, 20, 15.	4.4	3
67	The effects of chronic Î”-9-tetrahydrocannabinol (THC) and cannabidiol (CBD) use on cerebral glucose metabolism in multiple sclerosis: a pilot study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 450-452.	1.9	3
68	Alterations in Leg Muscle Glucose Uptake and Inter-Limb Asymmetry after a Single Session of tDCS in Four People with Multiple Sclerosis. <i>Brain Sciences</i> , 2021, 11, 1363.	2.3	3
69	Demonstration of Nucleoside Transporter Activity in the Nose-to-Brain Distribution of [18F]Fluorothymidine Using PET Imaging. <i>AAPS Journal</i> , 2018, 20, 16.	4.4	2
70	Differences in Inhibitory Control and Resting Brain Metabolism between Older Chronic Users of Tetrahydrocannabinol (THC) or Cannabidiol (CBD)â€A Pilot Study. <i>Brain Sciences</i> , 2022, 12, 819.	2.3	1
71	Time dependence of iprofenin-labeling with technetium Tc 99m. <i>American Journal of Health-System Pharmacy</i> , 1981, 38, 1939-1941.	1.0	0
72	Multiple Linear Regression Modeling of Furosemide Renal Clearance and Urinary Excretion Rate. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 1084-1091.	3.3	0

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73	Follow-Up of Treatment of a Cerebral Arteriovenous Malformation With Acetazolamide and Positron Emission Tomography. <i>Clinical Nuclear Medicine</i> , 1995, 20, 639-641.	1.3	0
74	Elevated Aortic Stiffness is Associated with Weaker Executive Function in Individuals with Lower Cognitive Reserve via Reductions in Frontal Cerebrovascular Reserve. <i>FASEB Journal</i> , 2018, 32, 711.3.	0.5	0
75	Elevated Aortic Stiffness is Associated with Lower Brain pH and Executive Function Performance in Middle-aged and Older Adults. <i>FASEB Journal</i> , 2019, 33, 696.15.	0.5	0
76	On the Effects of Transcranial Direct Current Stimulation on Cerebral Glucose Uptake During Walking: A Report of Three Patients With Multiple Sclerosis. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 833619.	2.0	0