Christine DeLorenzo

List of Publications by Year
in descending order

77	1,877	279798	289244
papers	citations	23 h-index	40 g-index

78	78	78	2983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Connectivity Between Rostral Anterior Cingulate Cortex and Amygdala Predicts First Onset of Depressive Disorders in Adolescence. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 249-255.	1.5	4
2	P340. Altered Mu Opioid Receptor Binding Potential in Adults With a History of Childhood Maltreatment. Biological Psychiatry, 2022, 91, S225.	1.3	0
3	Examination of structural brain changes in recent suicidal behavior. Psychiatry Research - Neuroimaging, 2021, 307, 111216.	1.8	6
4	Selective hippocampal subfield volume reductions in World Trade Center responders with cognitive impairment. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12165.	2.4	10
5	Fully Quantitative Pretreatment Brain Metabolism Does Not Predict Depression Response to Escitalopram or Placebo, a Randomized Trial. Biological Psychiatry, 2021, 89, S357-S358.	1.3	2
6	Neuroinflammation in World Trade Center responders at midlife: A pilot study using [18F]-FEPPA PET imaging. Brain, Behavior, & Immunity - Health, 2021, 16, 100287.	2.5	13
7	Measuring brain glucose metabolism in order to predict response to antidepressant or placebo: A randomized clinical trial. NeuroImage: Clinical, 2021, 32, 102858.	2.7	12
8	Hierarchical MAP Denoising of Longitudinal Hamilton Depression Rating Scores. , 2021, 2021, 1389-1394.		0
9	Intrinsic neural circuitry of depression in adolescent females. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 480-491.	5.2	6
10	The importance of identifying functional Val158Met polymorphism in catechol-O- Methyltransferase when assessing MRI-based volumetric measurements in major depressive disorder. Brain Imaging and Behavior, 2020, 14, 2762-2770.	2.1	3
11	Measuring the effects of ketamine on mGluR5 using [¹⁸F]FPEB and PET. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2254-2264.	4.3	13
12	Exploring Possible Sex Difference in Raphe Nuclei Metabolism in Major Depressive Disorder. Biological Psychiatry, 2020, 87, S287.	1.3	0
13	Fullâ€count PET recovery from lowâ€count image using a dilated convolutional neural network. Medical Physics, 2020, 47, 4928-4938.	3.0	39
14	Reduced cortical thickness in World Trade Center responders with cognitive impairment. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12059.	2.4	19
15	Examining the underpinnings of loudness dependence of auditory evoked potentials with positron emission tomography. NeuroImage, 2020, 213, 116733.	4.2	12
16	Prediction of lithium treatment response in bipolar depression using 5-HTT and 5-HT1A PET. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2417-2428.	6.4	10
17	In vivo PET Imaging of [11C]CIMBI-5, a 5-HT2AR Agonist Radiotracer in Nonhuman Primates. Journal of Pharmacy and Pharmaceutical Sciences, 2019, 22, 352-364.	2.1	5
18	S3. Visualizing the Cholinergic System in Health and Disease. Biological Psychiatry, 2019, 85, S297-S298.	1.3	0

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19	Examining raphe-amygdala structural connectivity as a biological predictor of SSRI response. Journal of Affective Disorders, 2019, 256, 8-16.	4.1	12
20	Depression Severity Over 27 Months in Adolescent Girls Is Predicted by Stress-Linked Cortical Morphology. Biological Psychiatry, 2019, 86, 769-778.	1.3	16
21	Structural correlates of the orbitofrontal cortex and amygdala and personality in female adolescents. Psychophysiology, 2019, 56, e13376.	2.4	12
22	Synthesis of Patient-Specific Transmission Data for PET Attenuation Correction for PET/MRI Neuroimaging Using a Convolutional Neural Network. Journal of Nuclear Medicine, 2019, 60, 555-560.	5.0	50
23	Quantification of Positron Emission Tomography Data Using Simultaneous Estimation of the Input Function: Validation with Venous Blood and Replication of Clinical Studies. Molecular Imaging and Biology, 2019, 21, 926-934.	2.6	16
24	Brief Computerâ€Based Information Processing Measures are Linked to White Matter Integrity in Pediatricâ€Onset Multiple Sclerosis. Journal of Neuroimaging, 2019, 29, 140-150.	2.0	8
25	Molecular connectivity disruptions in males with major depressive disorder. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1623-1634.	4.3	7
26	[11C]Harmine Binding to Brain Monoamine Oxidase A: Test-Retest Properties and Noninvasive Quantification. Molecular Imaging and Biology, 2018, 20, 667-681.	2.6	13
27	176. Evidence of Differential Changes in Cortical Thickness and Volume Between SSRI and Placebo Treated Patients With Major Depressive Disorder. Biological Psychiatry, 2018, 83, S71.	1.3	0
28	Will imaging individual raphe nuclei in males with major depressive disorder enhance diagnostic sensitivity and specificity?. Depression and Anxiety, 2018, 35, 411-420.	4.1	11
29	Higher 5-HT1A autoreceptor binding as an endophenotype for major depressive disorder identified in high risk offspring â€“ A pilot study. Psychiatry Research - Neuroimaging, 2018, 276, 15-23.	1.8	19
30	Ketamine-induced reduction in mGluR5 availability is associated with an antidepressant response: an [11C]ABP688 and PET imaging study in depression. Molecular Psychiatry, 2018, 23, 824-832.	7.9	108
31	Decreased Pretreatment Amygdalae Serotonin Transporter Binding in Unipolar Depression Remitters: A Prospective PET Study. Journal of Nuclear Medicine, 2018, 59, 665-670.	5.0	9
32	Diffusion Entropy: A Potential Neuroimaging Biomarker of Bipolar Disorder in the Temporal Pole. Synapse, 2018, 72, e22015.	1.2	13
33	Metabotropic Glutamatergic Receptor 5 and Stress Disorders: Knowledge Gained From Receptor Imaging Studies. Biological Psychiatry, 2018, 84, 95-105.	1.3	35
34	Relations between cortical thickness, serotonin 1 A receptor binding, and structural connectivity: A multimodal imaging study. Human Brain Mapping, 2018, 39, 1043-1055.	3.6	13
35	Noise contamination from <scp>PET</scp> blood sampling pump: Effects on structural <scp>MRI</scp> image quality in simultaneous <scp>PET</scp>/<scp>MR</scp> studies. Medical Physics, 2018, 45, 678-686.	3.0	4
36	O3. Depression Severity Over 18 Months in Adolescent Girls is Associated With Stress-Linked Cortical Morphometry. Biological Psychiatry, 2018, 83, S109.	1.3	0

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37	Kappa opioid receptor binding in major depression: A pilot study. Synapse, 2018, 72, e22042.	1.2	26
38	Pretreatment and early-treatment cortical thickness is associated with SSRI treatment response in major depressive disorder. Neuropsychopharmacology, 2018, 43, 2221-2230.	5.4	61
39	In Vivo Brain Imaging, Biodistribution, and Radiation Dosimetry Estimation of [11C]Celecoxib, a COX-2 PET Ligand, in Nonhuman Primates. Molecules, 2018, 23, 1929.	3.8	20
40	Development and evaluation of a multimodal marker of major depressive disorder. Human Brain Mapping, 2018, 39, 4420-4439.	3.6	35
41	A comparison of structural connectivity in anxious depression versus non-anxious depression. Journal of Psychiatric Research, 2017, 89, 38-47.	3.1	30
42	Voxel-based logistic analysis of PPMI control and Parkinson's disease DaTscans. NeuroImage, 2017, 152, 299-311.	4.2	25
43	602. PET Imaging of Individual Raphe Nuclei in Major Depressive Disorder: Physiologic Insight and Diagnostic Utility. Biological Psychiatry, 2017, 81, S243-S244.	1.3	0
44	933. Entropy Analysis Shows Temporal Pole Diffusivity Changes in Bipolar Disorder. Biological Psychiatry, 2017, 81, S377-S378.	1.3	1
45	Cortical thickness is not associated with current depression in a clinical treatment study. Human Brain Mapping, 2017, 38, 4370-4385.	3.6	17
46	Orbitofrontal Cortex Activity and Connectivity Predict Future Depression Symptoms in Adolescence. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 610-618.	1.5	21
47	261. Assessing Pretreatment Multimodal Neuroimaging Markers of Lithium Treatment Response in Bipolar Depression. Biological Psychiatry, 2017, 81, S107-S108.	1.3	0
48	603. Post-Treatment Changes in Hippocampus Metabolism and Diffusivity Assessed by PET/MR following Electroconvulsive Therapy. Biological Psychiatry, 2017, 81, S244.	1.3	0
49	A positron emission tomography study of the serotonergic system in relation to anxiety in depression. European Neuropsychopharmacology, 2017, 27, 1011-1021.	0.7	8
50	InÂvivo variation in same-day estimates of metabotropic glutamate receptor subtype 5 binding using [¹¹C]ABP688 and [¹⁸F]FPEB. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2716-2727.	4.3	49
51	Lack of association between the serotonin transporter and serotonin 1A receptor: an in vivo PET imaging study in healthy adults. Psychiatry Research - Neuroimaging, 2016, 255, 81-86.	1.8	8
52	The 5-HT1A receptor in Major Depressive Disorder. European Neuropsychopharmacology, 2016, 26, 397-410.	0.7	138
53	A COMPREHENSIVE EXAMINATION OF WHITE MATTER TRACTS AND CONNECTOMETRY IN MAJOR DEPRESSIVE DISORDER. Depression and Anxiety, 2016, 33, 56-65.	4.1	43
54	Relationship of the serotonin transporter gene promoter polymorphism (5-HTTLPR) genotype and serotonin transporter binding to neural processing of negative emotional stimuli. Journal of Affective Disorders, 2016, 190, 494-498.	4.1	17

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55	Characterization of brain mGluR5 binding in a pilot study of late-life major depressive disorder using positron emission tomography and [11C]ABP688. Translational Psychiatry, 2015, 5, e693-e693.	4.8	35
56	Testâ€“retest reliability of freesurfer measurements within and between sites: Effects of visual approval process. Human Brain Mapping, 2015, 36, 3472-3485.	3.6	136
57	In Vivo Ketamine-Induced Changes in [11 C]ABP688 Binding to Metabotropic Glutamate Receptor Subtype 5. Biological Psychiatry, 2015, 77, 266-275.	1.3	82
58	Quantification of the Serotonin 1A Receptor Using PET: Identification of a Potential Biomarker of Major Depression in Males. Neuropsychopharmacology, 2015, 40, 1692-1699.	5.4	58
59	Quantifying serotonin transporters by PET with [¹¹C]â€DASB before and after interferonâ€Î± treatment. Synapse, 2014, 68, 548-555.	1.2	3
60	Antidepressant Treatment Reduces Serotonin-1A Autoreceptor Binding in Major Depressive Disorder. Biological Psychiatry, 2013, 74, 26-31.	1.3	101
61	Prediction of Selective Serotonin Reuptake Inhibitor Response Using Diffusion-Weighted MRI. Frontiers in Psychiatry, 2013, 4, 5.	2.6	47
62	Volumetric Intraoperative Brain Deformation Compensation: Model Development and Phantom Validation. IEEE Transactions on Medical Imaging, 2012, 31, 1607-1619.	8.9	31
63	SEP-225289 Serotonin and Dopamine Transporter Occupancy: A PET Study. Journal of Nuclear Medicine, 2011, 52, 1150-1155.	5.0	20
64	In vivo positron emission tomography imaging with [11C]ABP688: binding variability and specificity for the metabotropic glutamate receptor subtype 5 in baboons. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1083-1094.	6.4	57
65	in vivo Variation in Metabotropic Glutamate Receptor Subtype 5 Binding Using Positron Emission Tomography and [¹¹C]ABP688. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2169-2180.	4.3	70
66	Image-Guided Intraoperative Cortical Deformation Recovery Using Game Theory: Application to Neocortical Epilepsy Surgery. IEEE Transactions on Medical Imaging, 2010, 29, 322-338.	8.9	30
67	In Vivo Quantification of Human Serotonin 1A Receptor Using ¹¹C-CUMI-101, an Agonist PET Radiotracer. Journal of Nuclear Medicine, 2010, 51, 1892-1900.	5.0	80
68	In vivo variation in metabotropic glutamate receptor subtype 5 binding using [11C]ABP688. NeuroImage, 2010, 52, S17.	4.2	0
69	A new method for assessing PET-MRI coregistration. Proceedings of SPIE, 2009, , .	0.8	13
70	From medical image computing to computerâ€aided intervention: development of a research interface for imageâ€guided navigation. International Journal of Medical Robotics and Computer Assisted Surgery, 2009, 5, 147-157.	2.3	17
71	Modeling Considerations for In Vivo Quantification of the Dopamine Transporter using [¹¹C]PE2I and Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1332-1345.	4.3	36
72	A REALISTIC BRAIN PHANTOM FOR 3D DEFORMATION RECOVERY. , 2007, , .		1

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73	Nonrigid Intraoperative Cortical Surface Tracking Using Game Theory. , 2007, , .		7
74	A Comprehensive System for Intraoperative 3D Brain Deformation Recovery. , 2007, 10, 553-561.		7
75	Nonrigid 3D Brain Registration Using Intensity/Feature Information. Lecture Notes in Computer Science, 2006, 9, 932-939.	1.3	14
76	Non-invasive assessment of radiation injury with electrical impedance spectroscopy. Physics in Medicine and Biology, 2004, 49, 665-683.	3.0	26
77	An improved data acquisition method for electrical impedance tomography. Physiological Measurement, 2001, 22, 31-38.	2.1	7