Rupert Lanzenberger

List of Publications by Year
in descending order

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305 papers	11,782 citations	28190 55 h-index	42291 92 g-index
408 all docs	408 docs citations	408 times ranked	13864 citing authors

#	Article	IF	Citations
1	Correlations and anticorrelations in resting-state functional connectivity MRI: A quantitative comparison of preprocessing strategies. NeuroImage, 2009, 47, 1408-1416.	2.1	745
2	Reduced resting-state functional connectivity between amygdala and orbitofrontal cortex in social anxiety disorder. NeuroImage, 2011, 56, 881-889.	2.1	353
3	Serotonin and neuroplasticity â€“ Links between molecular, functional and structural pathophysiology in depression. Neuroscience and Biobehavioral Reviews, 2017, 77, 317-326.	2.9	296
4	The Serotonin-1A Receptor in Anxiety Disorders. Biological Psychiatry, 2009, 66, 627-635.	0.7	285
5	Reduced Serotonin-1A Receptor Binding in Social Anxiety Disorder. Biological Psychiatry, 2007, 61, 1081-1089.	0.7	276
6	Emotional and cognitive functional imaging of estrogen and progesterone effects in the female human brain: A systematic review. Psychoneuroendocrinology, 2014, 50, 28-52.	1.3	265
7	Prognosis and improved outcomes in major depression: a review. Translational Psychiatry, 2019, 9, 127.	2.4	262
8	Reward and the serotonergic system. Neuroscience, 2010, 166, 1023-1035.	1.1	220
9	The suppressive influence of SMA on M1 in motor imagery revealed by fMRI and dynamic causal modeling. NeuroImage, 2008, 40, 828-837.	2.1	219
10	Network atrophy in temporal lobe epilepsy. Neurology, 2008, 71, 419-425.	1.5	144
11	Antipsychotic augmentation of serotonin reuptake inhibitors in treatment-resistant obsessive-compulsive disorder: a meta-analysis of double-blind, randomized, placebo-controlled trials. International Journal of Neuropsychopharmacology, 2013, 16, 557-574.	1.0	141
12	The serotonin transporter in psychiatric disorders: insights from PET imaging. Lancet Psychiatry,the, 2015, 2, 743-755.	3.7	140
13	Regional sex differences in grey matter volume are associated with sex hormones in the young adult human brain. NeuroImage, 2010, 49, 1205-1212.	2.1	139
14	Disrupted Effective Connectivity Between the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder During Emotion Discrimination Revealed by Dynamic Causal Modeling for fMRI. Cerebral Cortex, 2015, 25, 895-903.	1.6	139
15	Circuit Mechanisms of Reward, Anhedonia, and Depression. International Journal of Neuropsychopharmacology, 2019, 22, 105-118.	1.0	135
16	Finger Somatotopy in Human Motor Cortex. NeuroImage, 2001, 13, 1016-1026.	2.1	132
17	Meta-Analysis of Molecular Imaging of Serotonin Transporters in Major Depression. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1096-1103.	2.4	131
18	P300 amplitude variation is related to ventral striatum BOLD response during gain and loss anticipation: An EEG and fMRI experiment. NeuroImage, 2014, 96, 12-21.	2.1	129

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19	Normative database of the serotonergic system in healthy subjects using multi-tracer PET. NeuroImage, 2012, 63, 447-459.	2.1	126
20	Evaluation of preoperative high magnetic field motor functional MRI (3 Tesla) in glioma patients by navigated electrocortical stimulation and postoperative outcome. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 1152-1157.	0.9	125
21	Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. NeuroImage, 2012, 63, 874-881.	2.1	124
22	Area-specific modulation of neural activation comparing escitalopram and citalopram revealed by pharmaco-fMRI: A randomized cross-over study. NeuroImage, 2010, 49, 1161-1170.	2.1	111
23	Differential modulation of the default mode network via serotonin-1A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2619-2624.	3.3	109
24	Cortical Thickness Estimations of FreeSurfer and the CAT12 Toolbox in Patients with Alzheimer's Disease and Healthy Controls. Journal of Neuroimaging, 2018, 28, 515-523.	1.0	100
25	Global decrease of serotonin-1A receptor binding after electroconvulsive therapy in major depression measured by PET. Molecular Psychiatry, 2013, 18, 93-100.	4.1	98
26	Grey matter changes associated with medication-overuse headache: Correlations with disease related disability and anxiety. World Journal of Biological Psychiatry, 2012, 13, 517-525.	1.3	96
27	<scp>JuSpace</scp>: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. Human Brain Mapping, 2021, 42, 555-566.	1.9	95
28	Serotonin and molecular neuroimaging in humans using PET. Amino Acids, 2012, 42, 2039-2057.	1.2	94
29	White Matter Microstructure in Transsexuals and Controls Investigated by Diffusion Tensor Imaging. Journal of Neuroscience, 2014, 34, 15466-15475.	1.7	93
30	Ketamine-Induced Modulation of the Thalamo-Cortical Network in Healthy Volunteers As a Model for Schizophrenia. International Journal of Neuropsychopharmacology, 2015, 18, pyv040.	1.0	93
31	Clinical factors predicting treatment resistant depression: affirmative results from the European multicenter study. Acta Psychiatrica Scandinavica, 2019, 139, 78-88.	2.2	92
32	Neurotransmitters and Electroconvulsive Therapy. Journal of ECT, 2014, 30, 116-121.	0.3	88
33	Influence of escitalopram treatment on 5-HT1A receptor binding in limbic regions in patients with anxiety disorders. Molecular Psychiatry, 2009, 14, 1040-1050.	4.1	87
34	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. NeuroImage, 2018, 176, 259-267.	2.1	87
35	Aggression is related to frontal serotoninâ€1A receptor distribution as revealed by PET in healthy subjects. Human Brain Mapping, 2009, 30, 2558-2570.	1.9	84
36	Administration of ketamine for unipolar and bipolar depression. International Journal of Psychiatry in Clinical Practice, 2017, 21, 2-12.	1.2	84

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37	Antipsychotic Augmentation of Serotonin Reuptake Inhibitors in Treatment-Resistant Obsessive-Compulsive Disorder: An Update Meta-Analysis of Double-Blind, Randomized, Placebo-Controlled Trials. International Journal of Neuropsychopharmacology, 2015, 18, pyv047.	1.0	83
38	Increased Neural Habituation in the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder Revealed by fMRI. PLoS ONE, 2012, 7, e50050.	1.1	82
39	Uncertainty during pain anticipation: The adaptive value of preparatory processes. Human Brain Mapping, 2015, 36, 744-755.	1.9	79
40	The combined effect of genetic polymorphisms and clinical parameters on treatment outcome in treatment-resistant depression. European Neuropsychopharmacology, 2015, 25, 441-453.	0.3	77
41	In vivo imaging of serotonin transporter occupancy by means of SPECT and [123I]ADAM in healthy subjects administered different doses of escitalopram or citalopram. Psychopharmacology, 2006, 188, 263-272.	1.5	76
42	Stability of low-frequency fluctuation amplitudes in prolonged resting-state fMRI. NeuroImage, 2014, 103, 249-257.	2.1	76
43	Refining Prediction in Treatment-Resistant Depression. Journal of Clinical Psychiatry, 2018, 79, 16m11385.	1.1	76
44	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. Biological Psychiatry, 2015, 78, 525-533.	0.7	75
45	Neuroimaging the menstrual cycle: A multimodal systematic review. Frontiers in Neuroendocrinology, 2021, 60, 100878.	2.5	75
46	A New Prediction Model for Evaluating Treatment-Resistant Depression. Journal of Clinical Psychiatry, 2017, 78, 215-222.	1.1	73
47	Lateralization of the serotonin-1A receptor distribution in language areas revealed by PET. NeuroImage, 2009, 45, 598-605.	2.1	72
48	Influence of fMRI smoothing procedures on replicability of fine scale motor localization. NeuroImage, 2005, 24, 323-331.	2.1	71
49	High-resolution functional MRI of the human amygdala at 7T. European Journal of Radiology, 2013, 82, 728-733.	1.2	71
50	Structural changes in amygdala nuclei, hippocampal subfields and cortical thickness following electroconvulsive therapy in treatment-resistant depression: longitudinal analysis. British Journal of Psychiatry, 2019, 214, 159-167.	1.7	71
51	Quantification of fMRI artifact reduction by a novel plaster cast head holder. Human Brain Mapping, 2000, 11, 207-213.	1.9	70
52	Testosterone in the brain: Neuroimaging findings and the potential role for neuropsychopharmacology. European Neuropsychopharmacology, 2013, 23, 79-88.	0.3	66
53	Structural Connectivity Networks of Transgender People. Cerebral Cortex, 2015, 25, 3527-3534.	1.6	66
54	Fully exploratory network ICA (FENICA) on resting-state fMRI data. Journal of Neuroscience Methods, 2010, 192, 207-213.	1.3	65

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55	The Efficacy of Light Therapy in the Treatment of Seasonal Affective Disorder: A Meta-Analysis of Randomized Controlled Trials. Psychotherapy and Psychosomatics, 2020, 89, 17-24.	4.0	65
56	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of¹⁸F-FDG. Journal of Nuclear Medicine, 2016, 57, 1933-1940.	2.8	64
57	Default mode network deactivation during emotion processing predicts early antidepressant response. Translational Psychiatry, 2017, 7, e1008-e1008.	2.4	63
58	Application of image-derived and venous input functions in major depression using [carbonyl-11C]WAY-100635. Nuclear Medicine and Biology, 2013, 40, 371-377.	0.3	62
59	The serotonin-1A receptor distribution in healthy men and women measured by PET and [carbonyl-11C]WAY-100635. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2159-2168.	3.3	59
60	Reduced task durations in functional PET imaging with [18F]FDG approaching that of functional MRI. NeuroImage, 2018, 181, 323-330.	2.1	59
61	Higher serotonin transporter occupancy after multiple dose administration of escitalopram compared to citalopram: an [123I]ADAM SPECT study. Psychopharmacology, 2007, 191, 333-339.	1.5	58
62	Light-dependent alteration of serotonin-1A receptor binding in cortical and subcortical limbic regions in the human brain. World Journal of Biological Psychiatry, 2012, 13, 413-422.	1.3	57
63	Cortisol plasma levels in social anxiety disorder patients correlate with serotonin-1A receptor binding in limbic brain regions. International Journal of Neuropsychopharmacology, 2010, 13, 1129-1143.	1.0	54
64	Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. NeuroImage, 2014, 88, 252-262.	2.1	54
65	Context-sensitivity of the feedback-related negativity for zero-value feedback outcomes. Biological Psychology, 2015, 104, 184-192.	1.1	54
66	A positron emission tomography microdosing study with a potential antiamyloid drug in healthy volunteers and patients with Alzheimerâ€™s disease. Clinical Pharmacology and Therapeutics, 2006, 80, 216-227.	2.3	53
67	Modeling Strategies for Quantification of In Vivo ¹⁸F-AV-1451 Binding in Patients with Tau Pathology. Journal of Nuclear Medicine, 2017, 58, 623-631.	2.8	53
68	Escitalopram Enhances the Association of Serotonin-1A Autoreceptors to Heteroreceptors in Anxiety Disorders. Journal of Neuroscience, 2010, 30, 14482-14489.	1.7	52
69	Emotional frontoâ€cingulate cortex activation and brain derived neurotrophic factor polymorphism in premenstrual dysphoric disorder. Human Brain Mapping, 2014, 35, 4450-4458.	1.9	52
70	Attenuated serotonin transporter association between dorsal raphe and ventral striatum in major depression. Human Brain Mapping, 2014, 35, 3857-3866.	1.9	50
71	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. Frontiers in Human Neuroscience, 2017, 11, 48.	1.0	50
72	Differences in the dynamics of serotonin reuptake transporter occupancy may explain superior clinical efficacy of escitalopram versus citalopram. International Clinical Psychopharmacology, 2009, 24, 119-125.	0.9	49

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73	Effects of Silexan on the Serotonin-1A Receptor and Microstructure of the Human Brain: A Randomized, Placebo-Controlled, Double-Blind, Cross-Over Study with Molecular and Structural Neuroimaging. International Journal of Neuropsychopharmacology, 2015, 18, pyu063-pyu063.	1.0	49
74	Reconfiguration of functional brain networks and metabolic cost converge during task performance. ELife, 2020, 9, .	2.8	49
75	Improvement of presurgical patient evaluation by generation of functional magnetic resonance risk maps. Neuroscience Letters, 2000, 290, 13-16.	1.0	48
76	Gray matter and intrinsic network changes in the posterior cingulate cortex after selective serotonin reuptake inhibitor intake. NeuroImage, 2014, 84, 236-244.	2.1	48
77	Testosterone affects language areas of the adult human brain. Human Brain Mapping, 2016, 37, 1738-1748.	1.9	47
78	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. Psychoneuroendocrinology, 2016, 74, 371-379.	1.3	46
79	Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7T. NeuroImage, 2013, 82, 336-343.	2.1	45
80	Dysfunction of the Blood-Brain Barrierâ€"A Key Step in Neurodegeneration and Dementia. Frontiers in Aging Neuroscience, 2020, 12, 185.	1.7	45
81	Menstrual Cycle Phase and Duration of Oral Contraception Intake Affect Olfactory Perception. Chemical Senses, 2013, 38, 67-75.	1.1	44
82	The Norepinephrine Transporter in Attention-Deficit/Hyperactivity Disorder Investigated With Positron Emission Tomography. JAMA Psychiatry, 2014, 71, 1340.	6.0	44
83	Challenges in the differentiation of midbrain raphe nuclei in neuroimaging research. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2000.	3.3	43
84	Voxel-based morphometry at ultra-high fields. A comparison of 7T and 3T MRI data. NeuroImage, 2015, 113, 207-216.	2.1	43
85	Neuroimaging premenstrual dysphoric disorder: A systematic and critical review. Frontiers in Neuroendocrinology, 2020, 57, 100838.	2.5	43
86	Group ICA of resting-state data: a comparison. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 317-325.	1.1	41
87	PPP3CC gene: a putative modulator of antidepressant response through the B-cell receptor signaling pathway. Pharmacogenomics Journal, 2014, 14, 463-472.	0.9	41
88	(S)-citalopram influences amygdala modulation in healthy subjects: a randomized placebo-controlled double-blind fMRI study using dynamic causal modeling. NeuroImage, 2015, 108, 243-250.	2.1	39
89	Machine learning classification of ADHD and HC by multimodal serotonergic data. Translational Psychiatry, 2020, 10, 104.	2.4	39
90	Dissociations between glucose metabolism and blood oxygenation in the human default mode network revealed by simultaneous PET-fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	39

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91	Pre vivo, ex vivo and in vivo evaluations of [68Ga]-EDTMP. Nuclear Medicine and Biology, 2007, 34, 391-397.	0.3	37
92	Central serotonin 1A receptor binding in temporal lobe epilepsy: A [carbonyl-11C]WAY-100635 PET study. Epilepsy and Behavior, 2010, 19, 467-473.	0.9	37
93	Effects of norepinephrine transporter gene variants on <scp>NET</scp> binding in <scp>ADHD</scp> and healthy controls investigated by <scp>PET</scp>. Human Brain Mapping, 2016, 37, 884-895.	1.9	37
94	Ketamine-dependent neuronal activation in healthy volunteers. Brain Structure and Function, 2017, 222, 1533-1542.	1.2	36
95	The Neuroanatomy of Transgender Identity: Mega-Analytic Findings From the ENIGMA Transgender Persons Working Group. Journal of Sexual Medicine, 2021, 18, 1122-1129.	0.3	36
96	Model-free fMRI group analysis using FENICA. NeuroImage, 2011, 55, 185-193.	2.1	35
97	Imaging treatment effects in depression. Reviews in the Neurosciences, 2012, 23, 227-52.	1.4	34
98	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. NeuroImage, 2013, 70, 80-88.	2.1	34
99	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. Brain Structure and Function, 2018, 223, 1369-1378.	1.2	34
100	Unsmoothed functional MRI of the human amygdala and bed nucleus of the stria terminalis during processing of emotional faces. NeuroImage, 2018, 168, 383-391.	2.1	34
101	Hippocampal GABA levels correlate with retrieval performance in an associative learning paradigm. NeuroImage, 2020, 204, 116244.	2.1	33
102	Determination of the avrami exponent by non-isothermal analyses. Journal of Non-Crystalline Solids, 1982, 53, 235-245.	1.5	32
103	Multimodal imaging of human early visual cortex by combining functional and molecular measurements with fMRI and PET. NeuroImage, 2008, 41, 204-211.	2.1	32
104	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia part II: Cognition, neuroimaging and genetics. World Journal of Biological Psychiatry, 2016, 17, 406-428.	1.3	30
105	Effects of sex hormone treatment on white matter microstructure in individuals with gender dysphoria. NeuroImage, 2017, 150, 60-67.	2.1	30
106	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. Cerebral Cortex, 2017, 27, 117-130.	1.6	30
107	Acute and subsequent continuation electroconvulsive therapy elevates serum BDNF levels in patients with major depression. Brain Stimulation, 2019, 12, 1041-1050.	0.7	30
108	Striatal dopaminergic alterations in Touretteâ€™s syndrome: a meta-analysis based on 16 PET and SPECT neuroimaging studies. Translational Psychiatry, 2018, 8, 143.	2.4	29

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109	Simple and fully automated preparation of [carbonyl-11C]WAY-100635. Radiochimica Acta, 2007, 95, .	0.5	28
110	Preparation and first evaluation of [18F]FE@SUPPY: a new PET tracer for the adenosine A3 receptor. Nuclear Medicine and Biology, 2008, 35, 61-66.	0.3	28
111	[18F]FE@SNAPâ€"A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): Microfluidic and vessel-based approaches. Bioorganic and Medicinal Chemistry, 2012, 20, 5936-5940.	1.4	28
112	Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. Brain Structure and Function, 2014, 219, 171-183.	1.2	28
113	Simple and rapid preparation of [11C]DASB with high quality and reliability for routine applications. Applied Radiation and Isotopes, 2009, 67, 1654-1660.	0.7	27
114	Serotonin-1A receptor binding is positively associated with gray matter volume â€" A multimodal neuroimaging study combining PET and structural MRI. NeuroImage, 2012, 63, 1091-1098.	2.1	27
115	PET/MRI for Oncologic Brain Imaging: A Comparison of Standard MR-Based Attenuation Corrections with a Model-Based Approach for the Siemens mMR PET/MR System. Journal of Nuclear Medicine, 2017, 58, 1519-1525.	2.8	27
116	Magnetoencephalography indicates finger motor somatotopy. European Journal of Neuroscience, 2004, 19, 465-472.	1.2	26
117	Comparison of continuously acquired resting state and extracted analogues from active tasks. Human Brain Mapping, 2015, 36, 4053-4063.	1.9	26
118	Prediction of Autopsy Verified Neuropathological Change of Alzheimerâ€™s Disease Using Machine Learning and MRI. Frontiers in Aging Neuroscience, 2018, 10, 406.	1.7	26
119	Microfluidic preparation of [18F]FE@SUPPY and [18F]FE@SUPPY:2 â€" comparison with conventional radiosyntheses. Nuclear Medicine and Biology, 2011, 38, 427-434.	0.3	25
120	Radiolabeling of [18F]altanserin â€" a microfluidic approach. Nuclear Medicine and Biology, 2012, 39, 1087-1092.	0.3	25
121	Cerebral serotonin transporter measurements with [‹sup›11‹/sup›C]DASB: A review on acquisition and preprocessing across 21 PET centres. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 210-222.	2.4	25
122	Effect of Ketamine on Limbic GABA and Glutamate: A Human In Vivo Multivoxel Magnetic Resonance Spectroscopy Study. Frontiers in Psychiatry, 2020, 11, 549903.	1.3	25
123	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. Translational Psychiatry, 2020, 10, 2.	2.4	25
124	Meta-analysis of brain structural changes after electroconvulsive therapy in depression. Brain Stimulation, 2021, 14, 927-937.	0.7	25
125	Dose escalation of antipsychotic drugs in schizophrenia: A meta-analysis of randomized controlled trials. Schizophrenia Research, 2015, 166, 187-193.	1.1	24
126	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. Scientific Reports, 2016, 6, 28513.	1.6	24

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127	Effects of testosterone treatment on hypothalamic neuroplasticity in female-to-male transgender individuals. Brain Structure and Function, 2018, 223, 321-328.	1.2	24
128	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. Brain Stimulation, 2019, 12, 714-723.	0.7	24
129	Gender-affirming hormone treatment â€“ A unique approach to study the effects of sex hormones on brain structure and function. Cortex, 2020, 129, 68-79.	1.1	24
130	Effects of hormone replacement therapy on cerebral serotonin-1A receptor binding in postmenopausal women examined with [carbonyl-11C]WAY-100635. Psychoneuroendocrinology, 2014, 45, 1-10.	1.3	23
131	The pulvinar nucleus and antidepressant treatment: dynamic modeling of antidepressant response and remission with ultra-high field functional MRI. Molecular Psychiatry, 2019, 24, 746-756.	4.1	23
132	Sex Matters: A Multivariate Pattern Analysis of Sex- and Gender-Related Neuroanatomical Differences in Cis- and Transgender Individuals Using Structural Magnetic Resonance Imaging. Cerebral Cortex, 2020, 30, 1345-1356.	1.6	23
133	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivityâ€“impulsivity symptoms in ADHD measured with PET. Molecular Psychiatry, 2021, 26, 1009-1018.	4.1	23
134	The influence of the rs6295 gene polymorphism on serotonin-1A receptor distribution investigated with PET in patients with major depression applying machine learning. Translational Psychiatry, 2017, 7, e1150-e1150.	2.4	22
135	Imaging the neuroplastic effects of ketamine with VBM and the necessity of placebo control. NeuroImage, 2017, 147, 198-203.	2.1	22
136	Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography. International Journal of Neuropsychopharmacology, 2018, 21, 145-153.	1.0	22
137	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. Translational Psychiatry, 2018, 8, 198.	2.4	22
138	Hippocampal Subfields in Acute and Remitted Depressionâ€”an Ultra-High Field Magnetic Resonance Imaging Study. International Journal of Neuropsychopharmacology, 2019, 22, 513-522.	1.0	22
139	Making Sense of Connectivity. International Journal of Neuropsychopharmacology, 2019, 22, 194-207.	1.0	22
140	S-ketamine influences strategic allocation of attention but not exogenous capture of attention. Consciousness and Cognition, 2015, 35, 282-294.	0.8	21
141	Gender transition affects neural correlates of empathy: A resting state functional connectivity study with ultra high-field 7T MR imaging. NeuroImage, 2016, 138, 257-265.	2.1	21
142	Task-dependent modulation of amygdala connectivity in social anxiety disorder. Psychiatry Research - Neuroimaging, 2017, 262, 39-46.	0.9	21
143	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. Human Brain Mapping, 2017, 38, 792-802.	1.9	21
144	Prognosis and Improved Outcomes in Major Depression: A Review. Focus (American Psychiatric) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	21

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145	Dissociation of supplementary motor area and primary motor cortex in human subjects when comparing index and little finger movements with functional magnetic resonance imaging. Neuroscience Letters, 2001, 313, 5-8.	1.0	20
146	Reliable set-up for in-loop 11C-carboxylations using Grignard reactions for the preparation of [carbonyl-11C]WAY-100635 and [11C]-(+)-PHNO. Applied Radiation and Isotopes, 2013, 82, 75-80.	0.7	20
147	Actigraphy in patients with treatment-resistant depression undergoing electroconvulsive therapy. Journal of Psychiatric Research, 2014, 57, 96-100.	1.5	20
148	Automated ROI-Based Labeling for Multi-Voxel Magnetic Resonance Spectroscopy Data Using FreeSurfer. Frontiers in Molecular Neuroscience, 2019, 12, 28.	1.4	20
149	Effects of SSRI treatment on GABA and glutamate levels in an associative relearning paradigm. NeuroImage, 2021, 232, 117913.	2.1	20
150	Combining image-derived and venous input functions enables quantification of serotonin-1A receptors with [carbonyl-11C]WAY-100635 independent of arterial sampling. NeuroImage, 2012, 62, 199-206.	2.1	19
151	Neuropsychiatric deep brain stimulation for translational neuroimaging. NeuroImage, 2013, 79, 30-41.	2.1	19
152	Relation of progesterone and DHEAS serum levels to 5-HT1A receptor binding potential in pre- and postmenopausal women. Psychoneuroendocrinology, 2014, 46, 52-63.	1.3	19
153	Simple and rapid quantification of serotonin transporter binding using [11C]DASB bolus plus constant infusion. NeuroImage, 2017, 149, 23-32.	2.1	19
154	Repetitive enhancement of serum <scp>BDNF</scp> subsequent to continuation <scp>ECT</scp>. Acta Psychiatrica Scandinavica, 2019, 140, 426-434.	2.2	19
155	Platelet Serotonin Transporter Function Predicts Default-Mode Network Activity. PLoS ONE, 2014, 9, e92543.	1.1	19
156	FMRI reveals functional cortex in a case of inconclusive Wada testing. Clinical Neurology and Neurosurgery, 2005, 107, 147-151.	0.6	18
157	Striatal D2 receptor occupancy in bipolar patients treated with olanzapine. European Neuropsychopharmacology, 2007, 17, 102-107.	0.3	18
158	Progesterone Level Predicts Serotonin-1A Receptor Binding in the Male Human Brain. Neuroendocrinology, 2011, 94, 84-88.	1.2	18
159	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2986-2999.	2.4	18
160	[18F]FMeNER-D2: Reliable fully-automated synthesis for visualization of the norepinephrine transporter. Nuclear Medicine and Biology, 2013, 40, 1049-1054.	0.3	17
161	Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. Translational Psychiatry, 2019, 9, 164.	2.4	17
162	Tools for optimising pharmacotherapy in psychiatry (therapeutic drug monitoring, molecular brain) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Psychiatry, 2021, 22, 561-628.	1.3	17

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163	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2973-2985.	2.4	17
164	Time-resolved analysis of fMRI signal changes using Brain Activation Movies. Journal of Neuroscience Methods, 2008, 169, 222-230.	1.3	16
165	Individual Diversity of Functional Brain Network Economy. Brain Connectivity, 2015, 5, 156-165.	0.8	16
166	Parameter evaluation and fully-automated radiosynthesis of [11 C]harmine for imaging of MAO-A for clinical trials. Applied Radiation and Isotopes, 2015, 97, 182-187.	0.7	16
167	DiGeorge syndrome. Wiener Klinische Wochenschrift, 2018, 130, 283-287.	1.0	16
168	Changes in White Matter Microstructure After Electroconvulsive Therapy for Treatment-Resistant Depression. International Journal of Neuropsychopharmacology, 2020, 23, 20-25.	1.0	16
169	Brain reactivity during aggressive response in women with premenstrual dysphoric disorder treated with a selective progesterone receptor modulator. Neuropsychopharmacology, 2021, 46, 1460-1467.	2.8	16
170	Neuroplastic effects of a selective serotonin reuptake inhibitor in relearning and retrieval. NeuroImage, 2021, 236, 118039.	2.1	16
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