

Rupert Lanzenberger

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298
papers

8,517
citations

50
h-index

81
g-index

408
ext. papers

10,523
ext. citations

5
avg, IF

6.05
L-index

#	Paper	IF	Citations
298	Correlations and anticorrelations in resting-state functional connectivity MRI: a quantitative comparison of preprocessing strategies. <i>NeuroImage</i> , 2009 , 47, 1408-16	7.9	613
297	Reduced resting-state functional connectivity between amygdala and orbitofrontal cortex in social anxiety disorder. <i>NeuroImage</i> , 2011 , 56, 881-9	7.9	289
296	The serotonin-1A receptor in anxiety disorders. <i>Biological Psychiatry</i> , 2009 , 66, 627-35	7.9	240
295	Reduced serotonin-1A receptor binding in social anxiety disorder. <i>Biological Psychiatry</i> , 2007 , 61, 1081-9	7.9	232
294	Reward and the serotonergic system. <i>Neuroscience</i> , 2010 , 166, 1023-35	3.9	189
293	Emotional and cognitive functional imaging of estrogen and progesterone effects in the female human brain: a systematic review. <i>Psychoneuroendocrinology</i> , 2014 , 50, 28-52	5	184
292	The suppressive influence of SMA on M1 in motor imagery revealed by fMRI and dynamic causal modeling. <i>NeuroImage</i> , 2008 , 40, 828-837	7.9	182
291	Serotonin and neuroplasticity - Links between molecular, functional and structural pathophysiology in depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 77, 317-326	9	181
290	Network atrophy in temporal lobe epilepsy: a voxel-based morphometry study. <i>Neurology</i> , 2008 , 71, 419-25	6.5	133
289	Prognosis and improved outcomes in major depression: a review. <i>Translational Psychiatry</i> , 2019 , 9, 127	8.6	127
288	Regional sex differences in grey matter volume are associated with sex hormones in the young adult human brain. <i>NeuroImage</i> , 2010 , 49, 1205-12	7.9	118
287	Evaluation of preoperative high magnetic field motor functional MRI (3 Tesla) in glioma patients by navigated electrocortical stimulation and postoperative outcome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 1152-7	5.5	112
286	The serotonin transporter in psychiatric disorders: insights from PET imaging. <i>Lancet Psychiatry</i> , 2015 , 2, 743-755	23.3	110
285	Disrupted effective connectivity between the amygdala and orbitofrontal cortex in social anxiety disorder during emotion discrimination revealed by dynamic causal modeling for FMRI. <i>Cerebral Cortex</i> , 2015 , 25, 895-903	5.1	104
284	Finger somatotopy in human motor cortex. <i>NeuroImage</i> , 2001 , 13, 1016-26	7.9	104
283	Antipsychotic augmentation of serotonin reuptake inhibitors in treatment-resistant obsessive-compulsive disorder: a meta-analysis of double-blind, randomized, placebo-controlled trials. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 557-74	5.8	101
282	Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. <i>NeuroImage</i> , 2012 , 63, 874-81	7.9	99

281	Meta-analysis of molecular imaging of serotonin transporters in major depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 1096-103	7.3	95
280	Area-specific modulation of neural activation comparing escitalopram and citalopram revealed by pharmaco-fMRI: a randomized cross-over study. <i>NeuroImage</i> , 2010 , 49, 1161-70	7.9	95
279	Differential modulation of the default mode network via serotonin-1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2619-24	11.5	92
278	P300 amplitude variation is related to ventral striatum BOLD response during gain and loss anticipation: an EEG and fMRI experiment. <i>NeuroImage</i> , 2014 , 96, 12-21	7.9	91
277	Global decrease of serotonin-1A receptor binding after electroconvulsive therapy in major depression measured by PET. <i>Molecular Psychiatry</i> , 2013 , 18, 93-100	15.1	84
276	Normative database of the serotonergic system in healthy subjects using multi-tracer PET. <i>NeuroImage</i> , 2012 , 63, 447-59	7.9	78
275	PS168. Hybrid PET/MR imaging of serotonin transporter occupancy and brain activation to elucidate the mechanism of action of selective serotonin reuptake inhibitors. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19, 60-61	5.8	78
274	Grey matter changes associated with medication-overuse headache: correlations with disease related disability and anxiety. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 517-25	3.8	77
273	White matter microstructure in transsexuals and controls investigated by diffusion tensor imaging. <i>Journal of Neuroscience</i> , 2014 , 34, 15466-75	6.6	76
272	Influence of escitalopram treatment on 5-HT 1A receptor binding in limbic regions in patients with anxiety disorders. <i>Molecular Psychiatry</i> , 2009 , 14, 1040-50	15.1	76
271	Serotonin and molecular neuroimaging in humans using PET. <i>Amino Acids</i> , 2012 , 42, 2039-57	3.5	70
270	Aggression is related to frontal serotonin-1A receptor distribution as revealed by PET in healthy subjects. <i>Human Brain Mapping</i> , 2009 , 30, 2558-70	5.9	69
269	Neurotransmitters and electroconvulsive therapy. <i>Journal of ECT</i> , 2014 , 30, 116-21	2	67
268	Antipsychotic Augmentation of Serotonin Reuptake Inhibitors in Treatment-Resistant Obsessive-Compulsive Disorder: An Update Meta-Analysis of Double-Blind, Randomized, Placebo-Controlled Trials. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18,	5.8	66
267	Lateralization of the serotonin-1A receptor distribution in language areas revealed by PET. <i>NeuroImage</i> , 2009 , 45, 598-605	7.9	64
266	Cortical Thickness Estimations of FreeSurfer and the CAT12 Toolbox in Patients with Alzheimer's Disease and Healthy Controls. <i>Journal of Neuroimaging</i> , 2018 , 28, 515-523	2.8	64
265	In vivo imaging of serotonin transporter occupancy by means of SPECT and [¹²³ I]ADAM in healthy subjects administered different doses of escitalopram or citalopram. <i>Psychopharmacology</i> , 2006 , 188, 263-72	4.7	63
264	Quantification of fMRI artifact reduction by a novel plaster cast head holder. <i>Human Brain Mapping</i> , 2000 , 11, 207-13	5.9	63

263	Administration of ketamine for unipolar and bipolar depression. <i>International Journal of Psychiatry in Clinical Practice</i> , 2017 , 21, 2-12	2.4	62
262	Ketamine-Induced Modulation of the Thalamo-Cortical Network in Healthy Volunteers As a Model for Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18,	5.8	62
261	Increased neural habituation in the amygdala and orbitofrontal cortex in social anxiety disorder revealed by fMRI. <i>PLoS ONE</i> , 2012 , 7, e50050	3.7	61
260	Uncertainty during pain anticipation: the adaptive value of preparatory processes. <i>Human Brain Mapping</i> , 2015 , 36, 744-55	5.9	60
259	Circuit Mechanisms of Reward, Anhedonia, and Depression. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 105-118	5.8	60
258	Structural Connectivity Networks of Transgender People. <i>Cerebral Cortex</i> , 2015 , 25, 3527-34	5.1	59
257	The combined effect of genetic polymorphisms and clinical parameters on treatment outcome in treatment-resistant depression. <i>European Neuropsychopharmacology</i> , 2015 , 25, 441-53	1.2	58
256	Refining Prediction in Treatment-Resistant Depression: Results of Machine Learning Analyses in the TRD III Sample. <i>Journal of Clinical Psychiatry</i> , 2018 , 79,	4.6	58
255	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. <i>Biological Psychiatry</i> , 2015 , 78, 525-33	7.9	55
254	Testosterone in the brain: neuroimaging findings and the potential role for neuropsychopharmacology. <i>European Neuropsychopharmacology</i> , 2013 , 23, 79-88	1.2	55
253	High-resolution functional MRI of the human amygdala at 7 T. <i>European Journal of Radiology</i> , 2013 , 82, 728-33	4.7	53
252	Higher serotonin transporter occupancy after multiple dose administration of escitalopram compared to citalopram: an [¹²³ I]ADAM SPECT study. <i>Psychopharmacology</i> , 2007 , 191, 333-9	4.7	53
251	Clinical factors predicting treatment resistant depression: affirmative results from the European multicenter study. <i>Acta Psychiatrica Scandinavica</i> , 2019 , 139, 78-88	6.5	52
250	Stability of low-frequency fluctuation amplitudes in prolonged resting-state fMRI. <i>NeuroImage</i> , 2014 , 103, 249-257	7.9	51
249	The serotonin-1A receptor distribution in healthy men and women measured by PET and [carbonyl- ¹¹ C]WAY-100635. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 2159-68	8.8	50
248	Influence of fMRI smoothing procedures on replicability of fine scale motor localization. <i>NeuroImage</i> , 2005 , 24, 323-31	7.9	50
247	Fully exploratory network ICA (FENICA) on resting-state fMRI data. <i>Journal of Neuroscience Methods</i> , 2010 , 192, 207-13	3	49
246	A New Prediction Model for Evaluating Treatment-Resistant Depression. <i>Journal of Clinical Psychiatry</i> , 2017 , 78, 215-222	4.6	49

245	Structural changes in amygdala nuclei, hippocampal subfields and cortical thickness following electroconvulsive therapy in treatment-resistant depression: longitudinal analysis. <i>British Journal of Psychiatry</i> , 2019 , 214, 159-167	5.4	48
244	Modeling Strategies for Quantification of In Vivo F-AV-1451 Binding in Patients with Tau Pathology. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 623-631	8.9	46
243	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. <i>NeuroImage</i> , 2018 , 176, 259-267	7.9	45
242	A positron emission tomography microdosing study with a potential antiamyloid drug in healthy volunteers and patients with Alzheimer's disease. <i>Clinical Pharmacology and Therapeutics</i> , 2006 , 80, 216-227	6.7	45
241	Differences in the dynamics of serotonin reuptake transporter occupancy may explain superior clinical efficacy of escitalopram versus citalopram. <i>International Clinical Psychopharmacology</i> , 2009 , 24, 119-25	2.2	44
240	Improvement of presurgical patient evaluation by generation of functional magnetic resonance risk maps. <i>Neuroscience Letters</i> , 2000 , 290, 13-6	3.3	44
239	Context-sensitivity of the feedback-related negativity for zero-value feedback outcomes. <i>Biological Psychology</i> , 2015 , 104, 184-92	3.2	43
238	Light-dependent alteration of serotonin-1A receptor binding in cortical and subcortical limbic regions in the human brain. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 413-22	3.8	43
237	Cortisol plasma levels in social anxiety disorder patients correlate with serotonin-1A receptor binding in limbic brain regions. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 1129-43	5.8	42
236	Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. <i>NeuroImage</i> , 2014 , 88, 252-62	7.9	41
235	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 48	3.3	41
234	Default mode network deactivation during emotion processing predicts early antidepressant response. <i>Translational Psychiatry</i> , 2017 , 7, e1008	8.6	40
233	Gray matter and intrinsic network changes in the posterior cingulate cortex after selective serotonin reuptake inhibitor intake. <i>NeuroImage</i> , 2014 , 84, 236-44	7.9	39
232	Escitalopram enhances the association of serotonin-1A autoreceptors to heteroreceptors in anxiety disorders. <i>Journal of Neuroscience</i> , 2010 , 30, 14482-9	6.6	39
231	Attenuated serotonin transporter association between dorsal raphe and ventral striatum in major depression. <i>Human Brain Mapping</i> , 2014 , 35, 3857-66	5.9	38
230	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of 18F-FDG. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1933-1940	8.9	38
229	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. <i>Psychoneuroendocrinology</i> , 2016 , 74, 371-379	5	38
228	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. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	36

227	Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7 T. <i>NeuroImage</i> , 2013 , 82, 336-43	7.9	36
226	Emotional fronto-cingulate cortex activation and brain derived neurotrophic factor polymorphism in premenstrual dysphoric disorder. <i>Human Brain Mapping</i> , 2014 , 35, 4450-8	5.9	36
225	Challenges in the differentiation of midbrain raphe nuclei in neuroimaging research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2000	11.5	36
224	The norepinephrine transporter in attention-deficit/hyperactivity disorder investigated with positron emission tomography. <i>JAMA Psychiatry</i> , 2014 , 71, 1340-1349	14.5	35
223	Voxel-based morphometry at ultra-high fields. a comparison of 7T and 3T MRI data. <i>NeuroImage</i> , 2015 , 113, 207-16	7.9	34
222	Group ICA of resting-state data: a comparison. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010 , 23, 317-25	2.8	34
221	Application of image-derived and venous input functions in major depression using [carbonyl-(11)C]WAY-100635. <i>Nuclear Medicine and Biology</i> , 2013 , 40, 371-7	2.1	33
220	Pre vivo, ex vivo and in vivo evaluations of [68Ga]-EDTMP. <i>Nuclear Medicine and Biology</i> , 2007 , 34, 391-7	2.1	33
219	Imaging treatment effects in depression. <i>Reviews in the Neurosciences</i> , 2012 , 23, 227-52	4.7	32
218	Menstrual cycle phase and duration of oral contraception intake affect olfactory perception. <i>Chemical Senses</i> , 2013 , 38, 67-75	4.8	32
217	Multimodal imaging of human early visual cortex by combining functional and molecular measurements with fMRI and PET. <i>NeuroImage</i> , 2008 , 41, 204-11	7.9	32
216	The Efficacy of Light Therapy in the Treatment of Seasonal Affective Disorder: A Meta-Analysis of Randomized Controlled Trials. <i>Psychotherapy and Psychosomatics</i> , 2020 , 89, 17-24	9.4	32
215	PPP3CC gene: a putative modulator of antidepressant response through the B-cell receptor signaling pathway. <i>Pharmacogenomics Journal</i> , 2014 , 14, 463-72	3.5	31
214	Central serotonin 1A receptor binding in temporal lobe epilepsy: a [carbonyl-(11)C]WAY-100635 PET study. <i>Epilepsy and Behavior</i> , 2010 , 19, 467-73	3.2	31
213	(S)-citalopram influences amygdala modulation in healthy subjects: a randomized placebo-controlled double-blind fMRI study using dynamic causal modeling. <i>NeuroImage</i> , 2015 , 108, 243-50	7.9	30
212	Determination of the avrami exponent by non-isothermal analyses. <i>Journal of Non-Crystalline Solids</i> , 1982 , 53, 235-245	3.9	30
211	Reduced task durations in functional PET imaging with [F]FDG approaching that of functional MRI. <i>NeuroImage</i> , 2018 , 181, 323-330	7.9	30
210	Effects of norepinephrine transporter gene variants on NET binding in ADHD and healthy controls investigated by PET. <i>Human Brain Mapping</i> , 2016 , 37, 884-95	5.9	29

209	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013 , 70, 80-8	7.9	27
208	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. <i>Brain Structure and Function</i> , 2018 , 223, 1369-1378	4	27
207	Ketamine-dependent neuronal activation in healthy volunteers. <i>Brain Structure and Function</i> , 2017 , 222, 1533-1542	4	27
206	Simple and rapid preparation of [¹¹ C]DASB with high quality and reliability for routine applications. <i>Applied Radiation and Isotopes</i> , 2009 , 67, 1654-60	1.7	27
205	Preparation and first evaluation of [(¹⁸ F)]FE@SUPPY: a new PET tracer for the adenosine A(3) receptor. <i>Nuclear Medicine and Biology</i> , 2008 , 35, 61-6	2.1	27
204	Simple and fully automated preparation of [carbonyl- ¹¹ C]WAY-100635. <i>Radiochimica Acta</i> , 2007 , 95,	1.9	27
203	Testosterone affects language areas of the adult human brain. <i>Human Brain Mapping</i> , 2016 , 37, 1738-48	5.9	27
202	Model-free fMRI group analysis using FENICA. <i>NeuroImage</i> , 2011 , 55, 185-93	7.9	26
201	[¹⁸ F]FE@SNAP-A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): microfluidic and vessel-based approaches. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 5936-40	3.4	25
200	Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. <i>Brain Structure and Function</i> , 2014 , 219, 171-83	4	24
199	Microfluidic preparation of [¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2--comparison with conventional radiosyntheses. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 427-34	2.1	24
198	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia part II: Cognition, neuroimaging and genetics. <i>World Journal of Biological Psychiatry</i> , 2016 , 17, 406-28	3.8	23
197	Magnetoencephalography indicates finger motor somatotopy. <i>European Journal of Neuroscience</i> , 2004 , 19, 465-72	3.5	23
196	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. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1519-1525	8.9	21
195	Serotonin-1A receptor binding is positively associated with gray matter volume -- a multimodal neuroimaging study combining PET and structural MRI. <i>NeuroImage</i> , 2012 , 63, 1091-8	7.9	21
194	Radiolabeling of [¹⁸ F]altanserin - a microfluidic approach. <i>Nuclear Medicine and Biology</i> , 2012 , 39, 1087-92	2.1	21
193	Cerebral serotonin transporter measurements with [¹¹ C]DASB: A review on acquisition and preprocessing across 21 PET centres. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 210-222	7.3	21
192	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. <i>Cerebral Cortex</i> , 2017 , 27, 117-130	5.1	20

191	Striatal dopaminergic alterations in Tourette syndrome: a meta-analysis based on 16 PET and SPECT neuroimaging studies. <i>Translational Psychiatry</i> , 2018 , 8, 143	8.6	20
190	Comparison of continuously acquired resting state and extracted analogues from active tasks. <i>Human Brain Mapping</i> , 2015 , 36, 4053-63	5.9	19
189	Reliable set-up for in-loop ^{14}C -carboxylations using Grignard reactions for the preparation of [carbonyl- ^{14}C]WAY-100635 and [^{14}C]-(+)-PHNO. <i>Applied Radiation and Isotopes</i> , 2013 , 82, 75-80	1.7	19
188	Dose escalation of antipsychotic drugs in schizophrenia: a meta-analysis of randomized controlled trials. <i>Schizophrenia Research</i> , 2015 , 166, 187-93	3.6	19
187	Effects of sex hormone treatment on white matter microstructure in individuals with gender dysphoria. <i>NeuroImage</i> , 2017 , 150, 60-67	7.9	18
186	Acute and subsequent continuation electroconvulsive therapy elevates serum BDNF levels in patients with major depression. <i>Brain Stimulation</i> , 2019 , 12, 1041-1050	5.1	18
185	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016 , 6, 28513	4.9	18
184	Gender transition affects neural correlates of empathy: A resting state functional connectivity study with ultra high-field 7T MR imaging. <i>NeuroImage</i> , 2016 , 138, 257-265	7.9	18
183	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020 , 10, 2	8.6	17
182	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020 , 10, 104	8.6	17
181	Unsmoothed functional MRI of the human amygdala and bed nucleus of the stria terminalis during processing of emotional faces. <i>NeuroImage</i> , 2018 , 168, 383-391	7.9	17
180	[^{18}F]FMeNER-D2: reliable fully-automated synthesis for visualization of the norepinephrine transporter. <i>Nuclear Medicine and Biology</i> , 2013 , 40, 1049-54	2.1	17
179	Effects of hormone replacement therapy on cerebral serotonin-1A receptor binding in postmenopausal women examined with [carbonyl- ^{14}C]WAY-100635. <i>Psychoneuroendocrinology</i> , 2014 , 45, 1-10	5	17
178	Dissociation of supplementary motor area and primary motor cortex in human subjects when comparing index and little finger movements with functional magnetic resonance imaging. <i>Neuroscience Letters</i> , 2001 , 313, 5-8	3.3	17
177	Dysfunction of the Blood-Brain Barrier-A Key Step in Neurodegeneration and Dementia. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 185	5.3	17
176	Simple and rapid quantification of serotonin transporter binding using [^3H]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017 , 149, 23-32	7.9	16
175	The influence of the rs6295 gene polymorphism on serotonin-1A receptor distribution investigated with PET in patients with major depression applying machine learning. <i>Translational Psychiatry</i> , 2017 , 7, e1150	8.6	16
174	Imaging the neuroplastic effects of ketamine with VBM and the necessity of placebo control. <i>NeuroImage</i> , 2017 , 147, 198-203	7.9	16

173	Neuroimaging premenstrual dysphoric disorder: A systematic and critical review. <i>Frontiers in Neuroendocrinology</i> , 2020 , 57, 100838	8.9	16
172	Relation of progesterone and DHEAS serum levels to 5-HT1A receptor binding potential in pre- and postmenopausal women. <i>Psychoneuroendocrinology</i> , 2014 , 46, 52-63	5	16
171	Progesterone level predicts serotonin-1a receptor binding in the male human brain. <i>Neuroendocrinology</i> , 2011 , 94, 84-8	5.6	16
170	Striatal D(2) receptor occupancy in bipolar patients treated with olanzapine. <i>European Neuropsychopharmacology</i> , 2007 , 17, 102-7	1.2	16
169	Platelet serotonin transporter function predicts default-mode network activity. <i>PLoS ONE</i> , 2014 , 9, e92543	5.7	16
168	Hippocampal GABA levels correlate with retrieval performance in an associative learning paradigm. <i>NeuroImage</i> , 2020 , 204, 116244	7.9	16
167	Task-dependent modulation of amygdala connectivity in social anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 262, 39-46	2.9	15
166	Neuropsychiatric deep brain stimulation for translational neuroimaging. <i>NeuroImage</i> , 2013 , 79, 30-41	7.9	15
165	[18F]FE@SUPPY and [18F]FE@SUPPY:2--metabolic considerations. <i>Nuclear Medicine and Biology</i> , 2010 , 37, 421-6	2.1	15
164	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020 , 9,	8.9	15
163	Actigraphy in patients with treatment-resistant depression undergoing electroconvulsive therapy. <i>Journal of Psychiatric Research</i> , 2014 , 57, 96-100	5.2	14
162	S-ketamine influences strategic allocation of attention but not exogenous capture of attention. <i>Consciousness and Cognition</i> , 2015 , 35, 282-94	2.6	14
161	Individual diversity of functional brain network economy. <i>Brain Connectivity</i> , 2015 , 5, 156-65	2.7	14
160	Combining image-derived and venous input functions enables quantification of serotonin-1A receptors with [carbonyl-11C]WAY-100635 independent of arterial sampling. <i>NeuroImage</i> , 2012 , 62, 1997-2006	7.8	14
159	Time-resolved analysis of fMRI signal changes using Brain Activation Movies. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 222-30	3	14
158	fMRI reveals functional cortex in a case of inconclusive Wada testing. <i>Clinical Neurology and Neurosurgery</i> , 2005 , 107, 147-51	2	14
157	fMRI of the Emotions: Towards an Improved Understanding of Amygdala Function. <i>Current Medical Imaging</i> , 2005 , 1, 115-129	1.2	14
156	The pulvinar nucleus and antidepressant treatment: dynamic modeling of antidepressant response and remission with ultra-high field functional MRI. <i>Molecular Psychiatry</i> , 2019 , 24, 746-756	15.1	14

155	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018 , 8, 198	8.6	14
154	Effects of testosterone treatment on hypothalamic neuroplasticity in female-to-male transgender individuals. <i>Brain Structure and Function</i> , 2018 , 223, 321-328	4	13
153	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. <i>Human Brain Mapping</i> , 2017 , 38, 792-802	5.9	13
152	Radiosynthesis of [11C]SNAP-7941--the first PET-tracer for the melanin concentrating hormone receptor 1 (MCHR1). <i>Applied Radiation and Isotopes</i> , 2012 , 70, 2287-94	1.7	13
151	Hypothalamic serotonin-1A receptor binding measured by PET predicts the plasma level of dehydroepiandrosterone sulfate in healthy women. <i>Neuroscience Letters</i> , 2010 , 476, 161-5	3.3	13
150	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. <i>Brain Stimulation</i> , 2019 , 12, 714-723	5.1	13
149	Neuroimaging the menstrual cycle: A multimodal systematic review. <i>Frontiers in Neuroendocrinology</i> , 2021 , 60, 100878	8.9	13
148	Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 145-153	5.8	12
147	Impact of COMT genotype on serotonin-1A receptor binding investigated with PET. <i>Brain Structure and Function</i> , 2014 , 219, 2017-28	4	12
146	Optimization of [11C]DASB-synthesis: vessel-based and flow-through microreactor methods. <i>Applied Radiation and Isotopes</i> , 2012 , 70, 2615-20	1.7	12
145	Making Sense of Connectivity. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 194-207	5.8	12
144	Sex Matters: A Multivariate Pattern Analysis of Sex- and Gender-Related Neuroanatomical Differences in Cis- and Transgender Individuals Using Structural Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 2020 , 30, 1345-1356	5.1	12
143	Hippocampal Subfields in Acute and Remitted Depression-an Ultra-High Field Magnetic Resonance Imaging Study. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 513-522	5.8	11
142	Parameter evaluation and fully-automated radiosynthesis of [(11C)]harmine for imaging of MAO-A for clinical trials. <i>Applied Radiation and Isotopes</i> , 2015 , 97, 182-187	1.7	11
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