

Rupert Lanzenberger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Intravenous Esketamine Leads to an Increase in Impulsive and Suicidal Behavior in a Patient with Recurrent Major Depression and Borderline Personality Disorder.. <i>World Journal of Biological Psychiatry</i> , 2022 , 1-9	3.8	0
297	Effects of sex hormones on brain GABA and glutamate levels in a cis- and transgender cohort.. <i>Psychoneuroendocrinology</i> , 2022 , 138, 105683	5	2
296	Escitalopram Administration, Relearning, and Neuroplastic Effects: A Diffusion Tensor Imaging Study in Healthy Individuals.. <i>Journal of Affective Disorders</i> , 2022 , 301, 426-426	6.6	1
295	Serotonergic modulation of effective connectivity in an associative relearning network during task and rest.. <i>NeuroImage</i> , 2022 , 249, 118887	7.9	2
294	Serotonin Receptors and Antidepressants: Neuroimaging Findings from Preclinical and Clinical Research. <i>NeuroMethods</i> , 2022 , 373-429	0.4	
293	Simultaneous radiomethylation of [C]harmine and [C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual.. <i>Scientific Reports</i> , 2022 , 12, 3283	4.9	
292	Grey matter correlates of affective and somatic symptoms of premenstrual dysphoric disorder.. <i>Scientific Reports</i> , 2022 , 12, 5996	4.9	1
291	Impact of childhood cerebellar tumor surgery on cognition revealed by precuneus hyperconnectivity.. <i>Neuro-Oncology Advances</i> , 2022 , 4, vda050	0.9	
290	Correlation of receptor density and mRNA expression patterns in the human cerebral cortex.. <i>NeuroImage</i> , 2022 , 119214	7.9	0
289	Learning induces coordinated neuronal plasticity of metabolic demands and functional brain networks.. <i>Communications Biology</i> , 2022 , 5, 428	6.7	0
288	Give me a pain that I am used to: distinct habituation patterns to painful and non-painful stimulation. <i>Scientific Reports</i> , 2021 , 11, 22929	4.9	0
287	Escitalopram modulates learning content-specific neuroplasticity of functional brain networks.. <i>NeuroImage</i> , 2021 , 247, 118829	7.9	3
286	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with ()-C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	4
285	Neuroimaging in Seasons and Winter Depression 2021 , 245-259		
284	Effect of Ketamine on Human Neurochemistry in Posterior Cingulate Cortex: A Pilot Magnetic Resonance Spectroscopy Study at 3 Tesla. <i>Frontiers in Neuroscience</i> , 2021 , 15, 609485	5.1	2
283	Enrichment of Disease-Associated Genes in Cortical Areas Defined by Transcriptome-Based Parcellation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 7, 10-10	3.4	0
282	The Influence of Acute SSRI Administration on White Matter Microstructure in Patients Suffering From Major Depressive Disorder and Healthy Controls. <i>International Journal of Neuropsychopharmacology</i> , 2021 , 24, 542-550	5.8	5

281	Translating the immediate effects of S-Ketamine using hippocampal subfield analysis in healthy subjects-results of a randomized controlled trial. <i>Translational Psychiatry</i> , 2021 , 11, 200	8.6	4
280	Brain reactivity during aggressive response in women with premenstrual dysphoric disorder treated with a selective progesterone receptor modulator. <i>Neuropsychopharmacology</i> , 2021 , 46, 1460-1467	8.7	3
279	The Smartphone App haMStEr for Tracking Patient-Reported Outcomes in People With Multiple Sclerosis: Protocol for a Pilot Study. <i>JMIR Research Protocols</i> , 2021 , 10, e25011	2	2
278	Effects of SSRI treatment on GABA and glutamate levels in an associative relearning paradigm. <i>NeuroImage</i> , 2021 , 232, 117913	7.9	6
277	Tools for optimising pharmacotherapy in psychiatry (therapeutic drug monitoring, molecular brain imaging and pharmacogenetic tests): focus on antidepressants. <i>World Journal of Biological Psychiatry</i> , 2021 , 22, 561-628	3.8	3
276	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2973-2985	7.3	4
275	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2986-2999	7.3	1
274	Dissociations between glucose metabolism and blood oxygenation in the human default mode network revealed by simultaneous PET-fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
273	The Neuroanatomy of Transgender Identity: Mega-Analytic Findings From the ENIGMA Transgender Persons Working Group. <i>Journal of Sexual Medicine</i> , 2021 , 18, 1122-1129	1.1	10
272	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. <i>Human Brain Mapping</i> , 2021 , 42, 555-566	5.9	7
271	Neuroimaging the menstrual cycle: A multimodal systematic review. <i>Frontiers in Neuroendocrinology</i> , 2021 , 60, 100878	8.9	13
270	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivity-impulsivity symptoms in ADHD measured with PET. <i>Molecular Psychiatry</i> , 2021 , 26, 1009-1018	15.1	11
269	Disrupted relationship between blood glucose and brain dopamine D2/3 receptor binding in patients with first-episode schizophrenia. <i>NeuroImage: Clinical</i> , 2021 , 32, 102813	5.3	0
268	Volitional modification of brain activity in adolescents with Autism Spectrum Disorder: A Bayesian analysis of Slow Cortical Potential neurofeedback. <i>NeuroImage: Clinical</i> , 2021 , 29, 102557	5.3	2
267	Differential patterns of gray matter volumes and associated gene expression profiles in cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , 2021 , 30, 102660	5.3	3
266	Detached empathic experience of others' pain in remitted states of depression - An fMRI study. <i>NeuroImage: Clinical</i> , 2021 , 31, 102699	5.3	
265	Meta-analysis of brain structural changes after electroconvulsive therapy in depression. <i>Brain Stimulation</i> , 2021 , 14, 927-937	5.1	5
264	Making Sense of Patient-Derived iPSCs, Transdifferentiated Neurons, Olfactory Neuronal Cells, and Cerebral Organoids as Models for Psychiatric Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2021 , 24, 759-775	5.8	1

263	Neuroplastic effects of a selective serotonin reuptake inhibitor in relearning and retrieval. <i>NeuroImage</i> , 2021 , 236, 118039	7.9	5
262	Comparison and Reliability of Hippocampal Subfield Segmentations Within FreeSurfer Utilizing T1- and T2-Weighted Multispectral MRI Data. <i>Frontiers in Neuroscience</i> , 2021 , 15, 666000	5.1	2
261	Automated volumetry of hippocampal subfields in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2021 , 175, 106692	3	2
260	High-dose testosterone treatment reduces monoamine oxidase A levels in the human brain: A preliminary report. <i>Psychoneuroendocrinology</i> , 2021 , 133, 105381	5	2
259	Coexpression of Gene Transcripts with Monoamine Oxidase A Quantified by Human In Vivo Positron Emission Tomography.. <i>Cerebral Cortex</i> , 2021 ,	5.1	1
258	Association of dopamine D receptor binding potential measured using PET and [C]-(+)-PHNO with post-mortem DRD gene expression in the human brain. <i>NeuroImage</i> , 2020 , 223, 117270	7.9	5
257	Voxel-Based Morphometry-from Hype to Hope. A Study on Hippocampal Atrophy in Mesial Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020 , 41, 987-993	4.4	4
256	Topologically Guided Prioritization of Candidate Gene Transcripts Coexpressed with the 5-HT1A Receptor by Combining In Vivo PET and Allen Human Brain Atlas Data. <i>Cerebral Cortex</i> , 2020 , 30, 3771-3780	5.1	6
255	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
254	Molecular neuroimaging of the serotonergic system with Positron Emission Tomography. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 175-194	0.7	1
253	Neuroimaging premenstrual dysphoric disorder: A systematic and critical review. <i>Frontiers in Neuroendocrinology</i> , 2020 , 57, 100838	8.9	16
252	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020 , 10, 104	8.6	17
251	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020 , 9,	8.9	15
250	Gender-affirming hormone treatment - A unique approach to study the effects of sex hormones on brain structure and function. <i>Cortex</i> , 2020 , 129, 68-79	3.8	6
249	Acute stress alters neural patterns of value representation for others. <i>NeuroImage</i> , 2020 , 209, 116497	7.9	6
248	Changes in White Matter Microstructure After Electroconvulsive Therapy for Treatment-Resistant Depression. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 20-25	5.8	6
247	Effect of Ketamine on Limbic GABA and Glutamate: A Human Multivoxel Magnetic Resonance Spectroscopy Study. <i>Frontiers in Psychiatry</i> , 2020 , 11, 549903	5	10
246	Sex and the serotonergic underpinnings of depression and migraine. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 175, 117-140	3	3

245	Genetics of sex differences in neuroanatomy and function. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 175, 179-193	3	0
244	Oral Ketamine as a Treatment Option in Patients With Treatment Resistant Depression and Comorbid Arterial Hypertension. <i>Journal of Clinical Psychopharmacology</i> , 2020 , 40, 418-420	1.7	0
243	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
242	Predicting Antidepressant Citalopram Treatment Response via Changes in Brain Functional Connectivity After Acute Intravenous Challenge. <i>Frontiers in Computational Neuroscience</i> , 2020 , 14, 5541-5551	3.5	5
241	Prognosis and Improved Outcomes in Major Depression: A Review. <i>Focus (American Psychiatric Publishing)</i> , 2020 , 18, 220-235	1.1	7
240	Reinforcement and Punishment Shape the Learning Dynamics in fMRI Neurofeedback. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 304	3.3	5
239	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
238	Hippocampal GABA levels correlate with retrieval performance in an associative learning paradigm. <i>NeuroImage</i> , 2020 , 204, 116244	7.9	16
237	Probing the Impact of Gender-Affirming Hormone Treatment on Odor Perception. <i>Chemical Senses</i> , 2020 , 45, 37-44	4.8	3
236	Brain glucose uptake during transcranial direct current stimulation measured with functional [F]FDG-PET. <i>Brain Imaging and Behavior</i> , 2020 , 14, 477-484	4.1	3
235	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
234	The "sugar dilemma". <i>Die Pharmazie</i> , 2020 , 75, 456-462	1.5	
233	Predicting Ventral Striatal Activation During Reward Anticipation From Functional Connectivity at Rest. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 289	3.3	1
232	Epistasis of HTR1A and BDNF risk genes alters cortical 5-HT1A receptor binding: PET results link genotype to molecular phenotype in depression. <i>Translational Psychiatry</i> , 2019 , 9, 5	8.6	5
231	Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. <i>Translational Psychiatry</i> , 2019 , 9, 164	8.6	9
230	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
229	Modeling the acute pharmacological response to selective serotonin reuptake inhibitors in human brain using simultaneous PET/MR imaging. <i>European Neuropsychopharmacology</i> , 2019 , 29, 711-719	1.2	8
228	Characterization of pharmacological response to selective serotonin reuptake inhibitors using clustering of resting-state hybrid PET/MR data. <i>European Neuropsychopharmacology</i> , 2019 , 29, S603-S604 ^{1,2}		

227	P.1.05 Parcellation of the cerebral cortex based on messenger ribonucleic acid gene expressions. <i>European Neuropsychopharmacology</i> , 2019 , 29, S635-S636	1.2	
226	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
225	Prognosis and improved outcomes in major depression: a review. <i>Translational Psychiatry</i> , 2019 , 9, 127	8.6	127
224	Automated ROI-Based Labeling for Multi-Voxel Magnetic Resonance Spectroscopy Data Using FreeSurfer. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 28	6.1	10
223	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [F]FE@SNAP and [C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019 , 21, 257-268	3.8	4
222	Association between dynamic resting-state functional connectivity and ketamine plasma levels in visual processing networks. <i>Scientific Reports</i> , 2019 , 9, 11484	4.9	7
221	Repetitive enhancement of serum BDNF subsequent to continuation ECT. <i>Acta Psychiatrica Scandinavica</i> , 2019 , 140, 426-434	6.5	11
220	Serotonin Transporter Binding in the Human Brain After Pharmacological Challenge Measured Using PET and PET/MR. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 172	6.1	3
219	Big Data Guided Interventions: Predicting Treatment Response 2019 , 53-76		3
218	P.189 Genetic substrates of task-specific functional magnetic resonance imaging activation during acceptance of monetary rewards. <i>European Neuropsychopharmacology</i> , 2019 , 29, S145	1.2	
217	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019 , 10, 1422	4.6	5
216	Circuit Mechanisms of Reward, Anhedonia, and Depression. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 105-118	5.8	60
215	Making Sense of Connectivity. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 194-207	5.8	12
214	Beware detrending: Optimal preprocessing pipeline for low-frequency fluctuation analysis. <i>Human Brain Mapping</i> , 2019 , 40, 1571-1582	5.9	7
213	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
212	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
211	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. <i>Cerebral Cortex</i> , 2019 , 29, 372-382	5.1	7
210	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

209	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
208	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
207	[¹⁸ F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 177-181	4.3	10
206	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
205	Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers. <i>NeuroImage</i> , 2018 , 171, 1-5	7.9	6
204	DiGeorge syndrome : Relevance of psychiatric symptoms in undiagnosed adult patients. <i>Wiener Klinische Wochenschrift</i> , 2018 , 130, 283-287	2.3	8
203	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
202	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
201	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
200	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
199	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
198	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
197	Prediction of Autopsy Verified Neuropathological Change of Alzheimer Disease Using Machine Learning and MRI. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 406	5.3	10
196	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018 , 8, 198	8.6	14
195	Molar activity - The keystone in C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018 , 67, 21-26	2.1	3
194	Cortical Thickness Estimations of FreeSurfer and the CAT12 Toolbox in Patients with Alzheimer Disease and Healthy Controls. <i>Journal of Neuroimaging</i> , 2018 , 28, 515-523	2.8	64
193	Reduced task durations in functional PET imaging with [¹⁸ F]FDG approaching that of functional MRI. <i>NeuroImage</i> , 2018 , 181, 323-330	7.9	30
192	Administration of ketamine for unipolar and bipolar depression. <i>International Journal of Psychiatry in Clinical Practice</i> , 2017 , 21, 2-12	2.4	62

191	Default mode network deactivation during emotion processing predicts early antidepressant response. <i>Translational Psychiatry</i> , 2017 , 7, e1008	8.6	40
190	Simple and rapid quantification of serotonin transporter binding using [C]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017 , 149, 23-32	7.9	16
189	Task-dependent modulation of amygdala connectivity in social anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 262, 39-46	2.9	15
188	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
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	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
185	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
184	Norepinephrine transporter gene and protein expression of the human brain investigated with postmortem data and PET. <i>European Neuropsychopharmacology</i> , 2017 , 27, S73-S74	1.2	
183	Serotonin and neuroplasticity - Links between molecular, functional and structural pathophysiology in depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 77, 317-326	9	181
182	Imaging the neuroplastic effects of ketamine with VBM and the necessity of placebo control. <i>NeuroImage</i> , 2017 , 147, 198-203	7.9	16
181	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [C]SNAP-7941 and [F]FE@SNAP reveal specific uptake in the ventricular system. <i>Scientific Reports</i> , 2017 , 7, 8054	4.9	4
180	Systematic evaluation of dose-escalation strategies after initial non-response to standard-dose pharmacotherapy in schizophrenia. <i>European Psychiatry</i> , 2017 , 41, S193-S193	6	
179	Stress and the Serotonergic System, Observations from Pet Imaging. <i>European Psychiatry</i> , 2017 , 41, S19-S19		
178	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
177	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
176	Ketamine-dependent neuronal activation in healthy volunteers. <i>Brain Structure and Function</i> , 2017 , 222, 1533-1542	4	27
175	Has the existence of seasonal affective disorder been disproven?. <i>Journal of Affective Disorders</i> , 2017 , 208, 54-55	6.6	11
174	Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy □ preliminary results. <i>European Neuropsychopharmacology</i> , 2017 , 27, S708-S709	1.2	1

173	Influence of serotonergic gene variants on serotonin transporter binding in ADHD. <i>European Neuropsychopharmacology</i> , 2017 , 27, S707	1.2	
172	Reduced gray matter in subcortical brain regions in MDD: preliminary results of an ultra-high field 7 Tesla MRI Study. <i>European Neuropsychopharmacology</i> , 2017 , 27, S719-S720	1.2	
171	Investigating dose dependency of ketamine binding on the serotonin transporter with positron emission tomography. <i>European Neuropsychopharmacology</i> , 2017 , 27, S779	1.2	
170	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
169	A New Prediction Model for Evaluating Treatment-Resistant Depression. <i>Journal of Clinical Psychiatry</i> , 2017 , 78, 215-222	4.6	49
168	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
167	[(18)F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. <i>Nuclear Medicine and Biology</i> , 2016 , 43, 490-5	2.1	6
166	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
165	Commentary: The serotonin transporter in depression: Meta-analysis of in vivo and post mortem findings and implications for understanding and treating depression. <i>Journal of Affective Disorders</i> , 2016 , 199, 21-2	6.6	1
164	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
163	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
162	Estradiol level changes correlate with changes in mean diffusivity and fractional anisotropy values in female-to-male transsexuals. <i>European Neuropsychopharmacology</i> , 2016 , 26, S202	1.2	
161	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
160	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
159	P.1.015 Surface-based clustering of serotonergic and adrenergic receptor mRNA expression in the human cortex. <i>European Neuropsychopharmacology</i> , 2016 , 26, S15	1.2	
158	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. <i>Psychoneuroendocrinology</i> , 2016 , 74, 371-379	5	38
157	Testosterone affects language areas of the adult human brain. <i>Human Brain Mapping</i> , 2016 , 37, 1738-48	5.9	27
156	Parameter evaluation and fully-automated radiosynthesis of [(11)C]harmine for imaging of MAO-A for clinical trials. <i>Applied Radiation and Isotopes</i> , 2015 , 97, 182-187	1.7	11

155	[18F]FE@SUPPY: a suitable PET tracer for the adenosine A3 receptor? An in vivo study in rodents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 741-9	8.8	5
154	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. <i>Biological Psychiatry</i> , 2015 , 78, 525-33	7.9	55
153	The serotonin transporter in psychiatric disorders: insights from PET imaging. <i>Lancet Psychiatry</i> , 2015 , 2, 743-755	23.3	110
152	Interaction between 5-HTTLPR and 5-HT1B genotype status enhances cerebral 5-HT1A receptor binding. <i>NeuroImage</i> , 2015 , 111, 505-12	7.9	7
151	Structural Connectivity Networks of Transgender People. <i>Cerebral Cortex</i> , 2015 , 25, 3527-34	5.1	59
150	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
149	Positron Emission Tomography and Neuroreceptor Mapping In Vivo 2015 , 155-160		
148	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
147	Comparison of continuously acquired resting state and extracted analogues from active tasks. <i>Human Brain Mapping</i> , 2015 , 36, 4053-63	5.9	19
146	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
145	P.1.i.032 Interpolation of sparse mRNA samples to create comprehensive atlases of cerebral protein transcription. <i>European Neuropsychopharmacology</i> , 2015 , 25, S318-S319	1.2	
144	P.1.i.037 Effects of norepinephrine transporter gene variants on protein binding in patients with ADHD using PET. <i>European Neuropsychopharmacology</i> , 2015 , 25, S321-S322	1.2	
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1	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps		2