

Gregor Gryglewski

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.

62

papers

755

citations

16

h-index

26

g-index

86

ext. papers

1,042

ext. citations

5

avg, IF

3.8

L-index

#	Paper	IF	Citations
62	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
61	Serotonergic modulation of effective connectivity in an associative relearning network during task and rest.. <i>NeuroImage</i> , 2022 , 249, 118887	7.9	2
60	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	
59	Correlation of receptor density and mRNA expression patterns in the human cerebral cortex.. <i>NeuroImage</i> , 2022 , 119214	7.9	0
58	Escitalopram modulates learning content-specific neuroplasticity of functional brain networks.. <i>NeuroImage</i> , 2021 , 247, 118829	7.9	3
57	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
56	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
55	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
54	Effects of SSRI treatment on GABA and glutamate levels in an associative relearning paradigm. <i>NeuroImage</i> , 2021 , 232, 117913	7.9	6
53	How to prevent and manage hyperammonemic encephalopathies in valproate therapy. <i>Journal of Affective Disorders Reports</i> , 2021 , 5, 100186	1.4	1
52	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
51	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
50	Meta-analysis of brain structural changes after electroconvulsive therapy in depression. <i>Brain Stimulation</i> , 2021 , 14, 927-937	5.1	5
49	Neuroplastic effects of a selective serotonin reuptake inhibitor in relearning and retrieval. <i>NeuroImage</i> , 2021 , 236, 118039	7.9	5
48	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
47	Coexpression of Gene Transcripts with Monoamine Oxidase A Quantified by Human In Vivo Positron Emission Tomography.. <i>Cerebral Cortex</i> , 2021 ,	5.1	1
46	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

45	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
44	Predicting Antidepressant Citalopram Treatment Response via Changes in Brain Functional Connectivity After Acute Intravenous Challenge. <i>Frontiers in Computational Neuroscience</i> , 2020 , 14, 5541-55	3.5	5
43	Hippocampal GABA levels correlate with retrieval performance in an associative learning paradigm. <i>NeuroImage</i> , 2020 , 204, 116244	7.9	16
42	Predicting Ventral Striatal Activation During Reward Anticipation From Functional Connectivity at Rest. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 289	3.3	1
41	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
40	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
39	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
38	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}		
37	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	
36	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
35	P.788 Associative learning and resting-state connectivity changes in the adult brain. <i>European Neuropsychopharmacology</i> , 2019 , 29, S527-S528	1.2	
34	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	
33	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019 , 10, 1422	4.6	5
32	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
31	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
30	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
29	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
28	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

27	Striatal dopaminergic alterations in Tourette's syndrome: a meta-analysis based on 16 PET and SPECT neuroimaging studies. <i>Translational Psychiatry</i> , 2018 , 8, 143	8.6	20
26	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
25	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018 , 8, 198	8.6	14
24	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
23	Administration of ketamine for unipolar and bipolar depression. <i>International Journal of Psychiatry in Clinical Practice</i> , 2017 , 21, 2-12	2.4	62
22	Simple and rapid quantification of serotonin transporter binding using [¹¹ C]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017 , 149, 23-32	7.9	16
21	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
20	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
19	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	
18	Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy □ preliminary results. <i>European Neuropsychopharmacology</i> , 2017 , 27, S708-S709	1.2	1
17	Investigating dose dependency of ketamine binding on the serotonin transporter with positron emission tomography. <i>European Neuropsychopharmacology</i> , 2017 , 27, S779	1.2	
16	Cortical monoamine oxidase □ distribution in seasonal affective disorder compared to healthy controls. <i>European Neuropsychopharmacology</i> , 2017 , 27, S801-S802	1.2	
15	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
14	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
13	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
12	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1933-1940	8.9	38
11	Attenuation of habenula□default mode network connectivity by selective serotonin reuptake inhibitors, a pharmacological hybrid PET/MR study. <i>European Neuropsychopharmacology</i> , 2016 , 26, S317	1.2	0
10	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	

9	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. <i>Biological Psychiatry</i> , 2015 , 78, 525-33	7.9	55
8	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
7	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	
6	P.1.i.047 Interregional changes in serotonin transporter availability upon treatment with selective serotonin reuptake inhibitors. <i>European Neuropsychopharmacology</i> , 2015 , 25, S327-S328	1.2	
5	P.1.i.034 Gene expression and protein distribution of serotonergic key proteins in the human brain revealed by PET in vivo and postmortem quantification. <i>European Neuropsychopharmacology</i> , 2015 , 25, S319-S320	1.2	
4	(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	7.0	30
3	Imaging brain circuits in anxiety disorders. <i>Lancet Psychiatry</i> , 2014 , 1, 251-2	23.3	3
2	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
1	Exploring the impact of BDNF Val66Met genotype on serotonin transporter and serotonin-1A receptor binding. <i>PLoS ONE</i> , 2014 , 9, e106810	3.7	10