

# Olivier G Rousset

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9294947/publications.pdf>

Version: 2024-02-01

23  
papers

1,591  
citations

567281

15  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale mGluR5 network abnormalities linked to epilepsy duration in focal cortical dysplasia. <i>NeuroImage: Clinical</i> , 2021, 29, 102552.	2.7	3
2	In vivo hippocampal cornu ammonis 1 <sup>3</sup> glutamatergic abnormalities are associated with temporal lobe epilepsy surgery outcomes. <i>Epilepsia</i> , 2021, 62, 1559-1568.	5.1	3
3	Deconvolution-based partial volume correction of PET images with parallel level set regularization. <i>Physics in Medicine and Biology</i> , 2021, 66, 145003.	3.0	6
4	Are dopamine receptor and transporter changes in Rett syndrome reflected in Mecp2-deficient mice?. <i>Experimental Neurology</i> , 2018, 307, 74-81.	4.1	15
5	Metabotropic Glutamate Receptor Type 5 (mGluR5) Cortical Abnormalities in Focal Cortical Dysplasia Identified In Vivo With [ <sup>11</sup> C]ABP688 Positron-Emission Tomography (PET) Imaging. <i>Cerebral Cortex</i> , 2016, 26, 4170-4179.	2.9	22
6	Characterization of age/sex and the regional distribution of mGluR5 availability in the healthy human brain measured by high-resolution [ <sup>11</sup> C]ABP688 PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 152-162.	6.4	58
7	Mu Opioid Receptor Binding Correlates with Nicotine Dependence and Reward in Smokers. <i>PLoS ONE</i> , 2014, 9, e113694.	2.5	36
8	An In Vivo Evaluation of Cerebral Cortical Amyloid with [ <sup>18</sup> F]Flutemetamol Using Positron Emission Tomography Compared with Parietal Biopsy Samples in Living Normal Pressure Hydrocephalus Patients. <i>Molecular Imaging and Biology</i> , 2013, 15, 230-237.	2.6	36
9	Motion-incorporated partial volume correction: Methodology and validation. , 2010, , .		0
10	Single photon emission computed tomography experience with [ <sup>123</sup> I]iodo-(2-(2-azetidylmethoxy)pyridine) in the living human brain of smokers and nonsmokers. <i>Synapse</i> , 2009, 63, 339-358.	1.2	24
11	Accurate Event-Driven Motion Compensation in High-Resolution PET Incorporating Scattered and Random Events. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1018-1033.	8.9	132
12	Design and Implementation of an Automated Partial Volume Correction in PET: Application to Dopamine Receptor Quantification in the Normal Human Striatum. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1097-1106.	5.0	96
13	Mechanisms of Dopaminergic and Serotonergic Neurotransmission in Tourette Syndrome: Clues from an In Vivo Neurochemistry Study with PET. <i>Neuropsychopharmacology</i> , 2008, 33, 1239-1251.	5.4	227
14	System matrix modelling of externally tracked motion. <i>Nuclear Medicine Communications</i> , 2008, 29, 574-581.	1.1	29
15	Partial Volume Correction Strategies in PET. <i>PET Clinics</i> , 2007, 2, 235-249.	3.0	154
16	Strategies for Motion Tracking and Correction in PET. <i>PET Clinics</i> , 2007, 2, 251-266.	3.0	117
17	Increased Occupancy of Dopamine Receptors in Human Striatum during Cue-Elicited Cocaine Craving. <i>Neuropsychopharmacology</i> , 2006, 31, 2716-2727.	5.4	280
18	Positron emission tomography--a tool for identifying the effects of alcohol dependence on the brain. <i>Alcohol Research</i> , 2003, 27, 161-73.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Effect of partial volume correction on estimates of the influx and cerebral metabolism of 6-[18F]fluoro-L-dopa studied with PET in normal control and Parkinson's disease subjects. Synapse, 2000, 37, 81-89.	1.2	65
20	Pixel- versus Region-Based Partial Volume Correction in PET 1 1Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII.. , 1998, , 67-75.		17
21	On the Rate of Decarboxylation of Dopa to Dopamine in Living Mammalian Brain. Annals of the New York Academy of Sciences, 1997, 835, 274-308.	3.8	12
22	Dopamine transporters are markedly reduced in Lesch-Nyhan disease in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5539-5543.	7.1	227
23	3D simulations of radiotracer uptake in deep nuclei of human brain. Computerized Medical Imaging and Graphics, 1993, 17, 373-379.	5.8	17