

# Gabriele Stoffels

## List of Publications by Citations

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42  
papers

1,387  
citations

20  
h-index

37  
g-index

43  
ext. papers

1,700  
ext. citations

5.4  
avg. IF

4.09  
L-index

#	Paper	IF	Citations
42	Diagnosis of pseudoprogression in patients with glioblastoma using O-(2-[18F]fluoroethyl)-L-tyrosine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 685-95	8.8	164
41	Assessment of treatment response in patients with glioblastoma using O-(2-18F-fluoroethyl)-L-tyrosine PET in comparison to MRI. <i>Journal of Nuclear Medicine</i> , <b>2012</b> , 53, 1048-57	8.9	156
40	The use of dynamic O-(2-18F-fluoroethyl)-l-tyrosine PET in the diagnosis of patients with progressive and recurrent glioma. <i>Neuro-Oncology</i> , <b>2015</b> , 17, 1293-300	1	100
39	Comparison of 18F-FET PET and perfusion-weighted MR imaging: a PET/MR imaging hybrid study in patients with brain tumors. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 540-5	8.9	91
38	Combined FET PET/MRI radiomics differentiates radiation injury from recurrent brain metastasis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 537-542	5.3	79
37	Late Pseudoprogression in Glioblastoma: Diagnostic Value of Dynamic O-(2-[18F]fluoroethyl)-L-Tyrosine PET. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2190-6	12.9	78
36	Static and dynamic F-FET PET for the characterization of gliomas defined by IDH and 1p/19q status. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 443-451	8.8	73
35	Radiation injury vs. recurrent brain metastasis: combining textural feature radiomics analysis and standard parameters may increase F-FET PET accuracy without dynamic scans. <i>European Radiology</i> , <b>2017</b> , 27, 2916-2927	8	62
34	Predicting IDH genotype in gliomas using FET PET radiomics. <i>Scientific Reports</i> , <b>2018</b> , 8, 13328	4.9	56
33	Imaging of amino acid transport in brain tumours: Positron emission tomography with O-(2-[F]fluoroethyl)-L-tyrosine (FET). <i>Methods</i> , <b>2017</b> , 130, 124-134	4.6	55
32	Improved nTMS- and DTI-derived CST tractography through anatomical ROI seeding on anterior pontine level compared to internal capsule. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 424-37	5.3	54
31	Multimodal imaging utilising integrated MR-PET for human brain tumour assessment. <i>European Radiology</i> , <b>2012</b> , 22, 2568-80	8	54
30	Comparison of F-FET PET and perfusion-weighted MRI for glioma grading: a hybrid PET/MR study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2017</b> , 44, 2257-2265	8.8	41
29	Functional MRI vs. navigated TMS to optimize M1 seed volume delineation for DTI tractography. A prospective study in patients with brain tumours adjacent to the corticospinal tract. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 297-309	5.3	34
28	Earlier Diagnosis of Progressive Disease during Bevacizumab Treatment Using O-(2-18F-Fluorethyl)-L-Tyrosine Positron Emission Tomography in Comparison with Magnetic Resonance Imaging. <i>Molecular Imaging</i> , <b>2013</b> , 12, 7290.2013.00051	3.7	33
27	Early treatment response evaluation using FET PET compared to MRI in glioblastoma patients at first progression treated with bevacizumab plus lomustine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 2377-2386	8.8	31
26	Differentiation of treatment-related changes from tumour progression: a direct comparison between dynamic FET PET and ADC values obtained from DWI MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 1889-1901	8.8	28

25	F-FET PET Imaging in Differentiating Glioma Progression from Treatment-Related Changes: A Single-Center Experience. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 505-511	8.9	22
24	Comparison of O-(2-F-Fluoroethyl)-L-Tyrosine Positron Emission Tomography and Perfusion-Weighted Magnetic Resonance Imaging in the Diagnosis of Patients with Progressive and Recurrent Glioma: A Hybrid Positron Emission Tomography/Magnetic Resonance Study. <i>World Neurosurgery</i> , <b>2018</b> , 113, e727-e737	2.1	21
23	Dabrafenib Treatment in a Patient with an Epithelioid Glioblastoma and BRAF V600E Mutation. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	20
22	Spatial Relationship of Glioma Volume Derived from F-FET PET and Volumetric MR Spectroscopy Imaging: A Hybrid PET/MRI Study. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 603-609	8.9	19
21	Multimodal Imaging in Malignant Brain Tumors: Enhancing the Preoperative Risk Evaluation for Motor Deficits with a Combined Hybrid MRI-PET and Navigated Transcranial Magnetic Stimulation Approach. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 266-73	4.4	13
20	Evaluation of factors influencing F-FET uptake in the brain. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 491-497	5.3	13
19	Use of FET PET in glioblastoma patients undergoing neurooncological treatment including tumour-treating fields: initial experience. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1626-1635	8.8	12
18	O-(2-[F]fluoroethyl)-L-tyrosine PET in gliomas: influence of data processing in different centres. <i>EJNMMI Research</i> , <b>2017</b> , 7, 64	3.6	11
17	Current trends in the use of O-(2-[F]fluoroethyl)-L-tyrosine ([F]FET) in neurooncology. <i>Nuclear Medicine and Biology</i> , <b>2021</b> , 92, 78-84	2.1	11
16	Influence of Dexamethasone on O-(2-[F]-Fluoroethyl)-L-Tyrosine Uptake in the Human Brain and Quantification of Tumor Uptake. <i>Molecular Imaging and Biology</i> , <b>2019</b> , 21, 168-174	3.8	8
15	Invasive versus non-invasive mapping of the motor cortex. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3970-3983	5.9	7
14	cis-4-[(18)F]-Fluoro-L-proline fails to detect peripheral tumors in humans. <i>Nuclear Medicine and Biology</i> , <b>2008</b> , 35, 895-900	2.1	6
13	The use of O-(2-18F-fluoroethyl)-L-tyrosine PET in the diagnosis of gliomas located in the brainstem and spinal cord. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 710-718	1	6
12	Comparison of [F]Fluoroethyltyrosine PET and Sodium MRI in Cerebral Gliomas: a Pilot Study. <i>Molecular Imaging and Biology</i> , <b>2020</b> , 22, 198-207	3.8	6
11	Flare Phenomenon in -(2-F-Fluoroethyl)-l-Tyrosine PET After Resection of Gliomas. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 1294-1299	8.9	5
10	Treatment-Related Uptake of -(2-F-Fluoroethyl)-l-Tyrosine and l-[Methyl-H]-Methionine After Tumor Resection in Rat Glioma Models. <i>Journal of Nuclear Medicine</i> , <b>2019</b> , 60, 1373-1379	8.9	4
9	Investigation of cis-4-[F]Fluoro-D-Proline Uptake in Human Brain Tumors After Multimodal Treatment. <i>Molecular Imaging and Biology</i> , <b>2018</b> , 20, 1035-1043	3.8	4
8	Congruency of tumour volume delineated by FET PET and MRSI. <i>EJNMMI Physics</i> , <b>2015</b> , 2, A61	4.4	3

7	Investigation of Cerebral O-(2-[F]Fluoroethyl)-L-Tyrosine Uptake in Rat Epilepsy Models. <i>Molecular Imaging and Biology</i> , <b>2020</b> , 22, 1255-1265	3.8	2
6	NIMG-79. EARLY TREATMENT RESPONSE ASSESSMENT USING O-(2-18F-FLUOROETHYL)-L-TYROSINE (FET) PET COMPARED TO MRI IN MALIGNANT GLIOMAS TREATED WITH ADJUVANT TEMOZOLOMIDE CHEMOTHERAPY. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi193-vi193	1	2
5	Lesion-Function Analysis from Multimodal Imaging and Normative Brain Atlases for Prediction of Cognitive Deficits in Glioma Patients. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
4	Cis-4-[18F]fluoro-D-proline detects neurodegeneration in patients with akinetic-rigid parkinsonism. <i>Nuclear Medicine Communications</i> , <b>2019</b> , 40, 383-387	1.6	1
3	Combined F-FET PET and diffusion kurtosis MRI in posttreatment glioblastoma: differentiation of true progression from treatment-related changes. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, vdab044	0.9	1
2	Adapting MR-BrainPET scans for comparison with conventional PET: experiences with dynamic FET-PET in brain tumours. <i>EJNMMI Physics</i> , <b>2014</b> , 1, A64	4.4	
1	NIMG-27. REGORAFENIB RESPONSE ASSESSMENT USING FET PET IN PATIENTS WITH PROGRESSIVE GLIOMA. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi134-vi134	1	