

# Sebastien Jan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10740369/publications.pdf>

Version: 2024-02-01

9  
papers

659  
citations

1039406

9  
h-index

1473754

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Monte Carlo simulations of emission tomography imaging systems with GATE. Physics in Medicine and Biology, 2021, 66, 10TR03.	1.6	82
2	Simulation of nanoparticle-mediated near-infrared thermal therapy using GATE. Biomedical Optics Express, 2017, 8, 1665.	1.5	17
3	Extension of the GATE Monte-Carlo simulation package to model bioluminescence and fluorescence imaging. Journal of Biomedical Optics, 2014, 19, 026004.	1.4	28
4	A review of the use and potential of the GATE Monte Carlo simulation code for radiation therapy and dosimetry applications. Medical Physics, 2014, 41, 064301.	1.6	332
5	GATE Simulation of $^{12}\text{m C}$ Hadrontherapy Treatment Combined With a PET Imaging System for Dose Monitoring: A Feasibility Study. IEEE Transactions on Nuclear Science, 2013, 60, 423-429.	1.2	15
6	Absorbed $^{18}\text{F}$ -FDG Dose to the Fetus During Early Pregnancy: FIGURE 1.. Journal of Nuclear Medicine, 2010, 51, 803-805.	2.8	52
7	Comparison of 3 Methods of Automated Internal Carotid Segmentation in Human Brain PET Studies: Application to the Estimation of Arterial Input Function. Journal of Nuclear Medicine, 2009, 50, 461-467.	2.8	29
8	Comparison of Eight Methods for the Estimation of the Image-Derived Input Function in Dynamic $^{18}\text{F}$ -FDG PET Human Brain Studies. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1825-1835.	2.4	86
9	IN VIVO QUANTIFICATION OF $^{18}\text{F}$ -FDG UPTAKE IN HUMAN PLACENTA DURING EARLY PREGNANCY. Health Physics, 2009, 97, 82-85.	0.3	18