

# Sebastien Jan

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

659  
citations

1039406

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h-index

1473754

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9  
docs citations

9  
times ranked

848  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Comparison of Eight Methods for the Estimation of the Image-Derived Input Function in Dynamic [ <sup>18</sup> F]-FDG PET Human Brain Studies. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1825-1835.	2.4	86
3	Advanced Monte Carlo simulations of emission tomography imaging systems with GATE. Physics in Medicine and Biology, 2021, 66, 10TR03.	1.6	82
4	Absorbed <sup>18</sup> F-FDG Dose to the Fetus During Early Pregnancy: FIGURE 1.. Journal of Nuclear Medicine, 2010, 51, 803-805.	2.8	52
5	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
6	Extension of the GATE Monte-Carlo simulation package to model bioluminescence and fluorescence imaging. Journal of Biomedical Optics, 2014, 19, 026004.	1.4	28
7	IN VIVO QUANTIFICATION OF <sup>18</sup> F-FDG UPTAKE IN HUMAN PLACENTA DURING EARLY PREGNANCY. Health Physics, 2009, 97, 82-85.	0.3	18
8	Simulation of nanoparticle-mediated near-infrared thermal therapy using GATE. Biomedical Optics Express, 2017, 8, 1665.	1.5	17
9	GATE Simulation of <sup>12</sup> 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