

# Jason Bini

## List of Publications by Year in descending order

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29  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized Methodology for Reference Region and Image-Derived Input Function Kinetic Modeling in Preclinical PET. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 454-462.	2.7	2
2	Feasibility of imaging synaptic density in the human spinal cord using [11C]UCB-J PET. EJNMMI Physics, 2022, 9, 32.	1.3	3
3	The Role of Positron Emission Tomography in Bariatric Surgery Research: a Review. Obesity Surgery, 2021, 31, 4592-4606.	1.1	3
4	Multimodal Positron Emission Tomography Imaging to Quantify Uptake of <sup>89</sup> Zr-Labeled Liposomes in the Atherosclerotic Vessel Wall. Bioconjugate Chemistry, 2020, 31, 360-368.	1.8	22
5	First in-human PET study and kinetic evaluation of [ <sup>18</sup> F]AS2471907 for imaging 11 $\beta$ -hydroxysteroid dehydrogenase type 1. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 695-704.	2.4	10
6	PET Imaging of Pancreatic Dopamine D <sub>2</sub> and D <sub>3</sub> Receptor Density with <sup>11</sup> C-(+)-PHNO in Type 1 Diabetes. Journal of Nuclear Medicine, 2020, 61, 570-576.	2.8	19
7	Body Mass Index and Age Effects on Brain 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1: a Positron Emission Tomography Study. Molecular Imaging and Biology, 2020, 22, 1124-1131.	1.3	9
8	Human adult and adolescent biodistribution and dosimetry of the synaptic vesicle glycoprotein 2A radioligand 11C-UCB-J. EJNMMI Research, 2020, 10, 83.	1.1	8
9	Reply: 11C-(+)-PHNO Trapping Reversibility for Quantitative PET Imaging of $\beta$ -Cell Mass in Patients with Type 1 Diabetes. Journal of Nuclear Medicine, 2020, 61, 1693-1693.	2.8	0
10	In Vivo Synaptic Density Imaging with <sup>11</sup> C-UCB-J Detects Treatment Effects of Saracatinib in a Mouse Model of Alzheimer Disease. Journal of Nuclear Medicine, 2019, 60, 1780-1786.	2.8	57
11	Evaluation of PET Brain Radioligands for Imaging Pancreatic $\beta$ -Cell Mass: Potential Utility of 11C-(+)-PHNO. Journal of Nuclear Medicine, 2018, 59, 1249-1254.	2.8	22
12	Decreased VMAT2 in the pancreas of humans with type 2 diabetes mellitus measured in vivo by PET imaging. Diabetologia, 2018, 61, 2598-2607.	2.9	18
13	Reduced cognitive function, increased blood-brain-barrier transport and inflammatory responses, and altered brain metabolites in LDLr <sup>-/-</sup> and C57BL/6 mice fed a western diet. PLoS ONE, 2018, 13, e0191909.	1.1	42
14	In Vivo PET Imaging of HDL in Multiple Atherosclerosis Models. JACC: Cardiovascular Imaging, 2016, 9, 950-961.	2.3	78
15	Simultaneous carotid PET/MR: feasibility and improvement of magnetic resonance-based attenuation correction. International Journal of Cardiovascular Imaging, 2016, 32, 61-71.	0.7	12
16	Attenuation Correction for Magnetic Resonance Coils in Combined PET/MR Imaging. PET Clinics, 2016, 11, 151-160.	1.5	31
17	Markerless attenuation correction for carotid MRI surface receiver coils in combined PET/MR imaging. Physics in Medicine and Biology, 2015, 60, 4705-4717.	1.6	28
18	Quantitative carotid PET/MR imaging: clinical evaluation of MR-Attenuation correction versus CT-Attenuation correction in (18)F-FDG PET/MR emission data and comparison to PET/CT. American Journal of Nuclear Medicine and Molecular Imaging, 2015, 5, 293-304.	1.0	15

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19	Feasibility of (18)F-Fluorodeoxyglucose radiotracer dose reduction in simultaneous carotid PET/MR imaging. American Journal of Nuclear Medicine and Molecular Imaging, 2015, 5, 401-7.	1.0	7
20	Attenuation Correction for Flexible Magnetic Resonance Coils in Combined Magnetic Resonance/Positron Emission Tomography Imaging. Investigative Radiology, 2014, 49, 63-69.	3.5	31
21	Improvement of Attenuation Correction in Time-of-Flight PET/MR Imaging with a Positron-Emitting Source. Journal of Nuclear Medicine, 2014, 55, 329-336.	2.8	44
22	Quantitative carotid MR/PET imaging: comprehensive comparison of MRAC and CTAC attenuation maps in MR/PET emission data and PET/CT. EJNMMI Physics, 2014, 1, A70.	1.3	0
23	Wavelet-based partial volume effect correction for simultaneous MR/PET of the carotid arteries. EJNMMI Physics, 2014, 1, A71.	1.3	7
24	Monitoring plaque inflammation in atherosclerotic rabbits with an iron oxide (P904) and 18F-FDG using a combined PET/MR scanner. Atherosclerosis, 2013, 228, 339-345.	0.4	42
25	Preclinical Evaluation of MR Attenuation Correction Versus CT Attenuation Correction on a Sequential Whole-Body MR/PET Scanner. Investigative Radiology, 2013, 48, 313-322.	3.5	30
26	Radial k-space acquisition improves robustness of MR-based attenuation maps for MR/PET quantification in an animal imaging study of the abdomen. , 2012, , .		1
27	Confocal mosaicing microscopy of basal-cell carcinomas ex vivo: progress in digital staining to simulate histology-like appearance. , 2011, , .		1
28	Confocal mosaicing microscopy of human skin ex vivo: spectral analysis for digital staining to simulate histology-like appearance. Journal of Biomedical Optics, 2011, 16, 076008.	1.4	64
29	Merkel Cell Polyomavirus Expression in Merkel Cell Carcinomas and Its Absence in Combined Tumors and Pulmonary Neuroendocrine Carcinomas. American Journal of Surgical Pathology, 2009, 33, 1378-1385.	2.1	252