

# Jason Bini

## List of Publications by Year in descending order

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29  
papers

858  
citations

566801

15  
h-index

580395

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Merkel Cell Polyomavirus Expression in Merkel Cell Carcinomas and Its Absence in Combined Tumors and Pulmonary Neuroendocrine Carcinomas. <i>American Journal of Surgical Pathology</i> , 2009, 33, 1378-1385.	2.1	252
2	In Vivo PET Imaging of HDL in Multiple Atherosclerosis Models. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 950-961.	2.3	78
3	Confocal mosaicing microscopy of human skin ex vivo: spectral analysis for digital staining to simulate histology-like appearance. <i>Journal of Biomedical Optics</i> , 2011, 16, 076008.	1.4	64
4	In Vivo Synaptic Density Imaging with <sup>11</sup> C-UCB-J Detects Treatment Effects of Saracatinib in a Mouse Model of Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1780-1786.	2.8	57
5	Improvement of Attenuation Correction in Time-of-Flight PET/MR Imaging with a Positron-Emitting Source. <i>Journal of Nuclear Medicine</i> , 2014, 55, 329-336.	2.8	44
6	Monitoring plaque inflammation in atherosclerotic rabbits with an iron oxide (P904) and 18F-FDG using a combined PET/MR scanner. <i>Atherosclerosis</i> , 2013, 228, 339-345.	0.4	42
7	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. <i>PLoS ONE</i> , 2018, 13, e0191909.	1.1	42
8	Attenuation Correction for Flexible Magnetic Resonance Coils in Combined Magnetic Resonance/Positron Emission Tomography Imaging. <i>Investigative Radiology</i> , 2014, 49, 63-69.	3.5	31
9	Attenuation Correction for Magnetic Resonance Coils in Combined PET/MR Imaging. <i>PET Clinics</i> , 2016, 11, 151-160.	1.5	31
10	Preclinical Evaluation of MR Attenuation Correction Versus CT Attenuation Correction on a Sequential Whole-Body MR/PET Scanner. <i>Investigative Radiology</i> , 2013, 48, 313-322.	3.5	30
11	Markerless attenuation correction for carotid MRI surface receiver coils in combined PET/MR imaging. <i>Physics in Medicine and Biology</i> , 2015, 60, 4705-4717.	1.6	28
12	Evaluation of PET Brain Radioligands for Imaging Pancreatic $\beta$ <sup>2</sup> -Cell Mass: Potential Utility of <sup>11</sup> C-(+)-PHNO. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1249-1254.	2.8	22
13	Multimodal Positron Emission Tomography Imaging to Quantify Uptake of <sup>89</sup> Zr-Labeled Liposomes in the Atherosclerotic Vessel Wall. <i>Bioconjugate Chemistry</i> , 2020, 31, 360-368.	1.8	22
14	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. <i>Journal of Nuclear Medicine</i> , 2020, 61, 570-576.	2.8	19
15	Decreased VMAT2 in the pancreas of humans with type 2 diabetes mellitus measured in vivo by PET imaging. <i>Diabetologia</i> , 2018, 61, 2598-2607.	2.9	18
16	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. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 293-304.	1.0	15
17	Simultaneous carotid PET/MR: feasibility and improvement of magnetic resonance-based attenuation correction. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 61-71.	0.7	12
18	First in-human PET study and kinetic evaluation of [ <sup>18</sup> F]AS2471907 for imaging 11 $\beta$ -hydroxysteroid dehydrogenase type 1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 695-704.	2.4	10

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19	Body Mass Index and Age Effects on Brain $^{11}\text{C}$ -Hydroxysteroid Dehydrogenase Type 1: a Positron Emission Tomography Study. <i>Molecular Imaging and Biology</i> , 2020, 22, 1124-1131.	1.3	9
20	Human adult and adolescent biodistribution and dosimetry of the synaptic vesicle glycoprotein 2A radioligand $^{11}\text{C}$ -UCB-J. <i>EJNMMI Research</i> , 2020, 10, 83.	1.1	8
21	Wavelet-based partial volume effect correction for simultaneous MR/PET of the carotid arteries. <i>EJNMMI Physics</i> , 2014, 1, A71.	1.3	7
22	Feasibility of $^{18}\text{F}$ -Fluorodeoxyglucose radiotracer dose reduction in simultaneous carotid PET/MR imaging. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 401-7.	1.0	7
23	The Role of Positron Emission Tomography in Bariatric Surgery Research: a Review. <i>Obesity Surgery</i> , 2021, 31, 4592-4606.	1.1	3
24	Feasibility of imaging synaptic density in the human spinal cord using $^{11}\text{C}$ -UCB-J PET. <i>EJNMMI Physics</i> , 2022, 9, 32.	1.3	3
25	Optimized Methodology for Reference Region and Image-Derived Input Function Kinetic Modeling in Preclinical PET. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 454-462.	2.7	2
26	Confocal mosaicing microscopy of basal-cell carcinomas ex vivo: progress in digital staining to simulate histology-like appearance. , 2011, , .		1
27	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
28	Quantitative carotid MR/PET imaging: comprehensive comparison of MRAC and CTAC attenuation maps in MR/PET emission data and PET/CT. <i>EJNMMI Physics</i> , 2014, 1, A70.	1.3	0
29	Reply: $^{11}\text{C}$ -(+)-PHNO Trapping Reversibility for Quantitative PET Imaging of $^{11}\text{C}$ -Cell Mass in Patients with Type 1 Diabetes. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1693-1693.	2.8	0