

# Anu Autio

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

692  
citations

623734

14  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Siglec-9 is a novel leukocyte ligand for vascular adhesion protein-1 and can be used in PET imaging of inflammation and cancer. <i>Blood</i> , 2011, 118, 3725-3733.	1.4	100
2	Nuclear imaging of inflammation: homing-associated molecules as targets. <i>EJNMMI Research</i> , 2013, 3, 1.	2.5	75
3	USF1 deficiency activates brown adipose tissue and improves cardiometabolic health. <i>Science Translational Medicine</i> , 2016, 8, 323ra13.	12.4	58
4	Biodistribution and radiation dosimetry of [ <sup>11</sup> C]choline: a comparison between rat and human data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 874-883.	6.4	54
5	Targeted inhibition of CD47-SIRP $\alpha$ requires Fc-Fc $\gamma$ 3R interactions to maximize activity in T-cell lymphomas. <i>Blood</i> , 2019, 134, 1430-1440.	1.4	45
6	Synthesis, <sup>68</sup> Ga labeling and preliminary evaluation of DOTA peptide binding vascular adhesion protein-1: a potential PET imaging agent for diagnosing osteomyelitis. <i>Nuclear Medicine and Biology</i> , 2009, 36, 631-641.	0.6	40
7	Translating the concept of peptidelabeling with 5-deoxy-5-[ <sup>18</sup> F]fluororibose into preclinical practice: <sup>18</sup> F-labeling of Siglec-9 peptide for PET imaging of inflammation. <i>Chemical Communications</i> , 2013, 49, 3682-3684.	4.1	33
8	PET imaging of inflammation and adenocarcinoma xenografts using vascular adhesion protein 1 targeting peptide <sup>68</sup> Ga-DOTAVAP-P1: comparison with <sup>18</sup> F-FDG. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1918-1925.	6.4	31
9	<sup>68</sup> Ga-DOTA-Siglec-9 – a new imaging tool to detect synovitis. <i>Arthritis Research and Therapy</i> , 2015, 17, 308.	3.5	31
10	Mini-PEG spacing of VAP-1-targeting <sup>68</sup> Ga-DOTAVAP-P1 peptide improves PET imaging of inflammation. <i>EJNMMI Research</i> , 2011, 1, 10.	2.5	30
11	Increased lymphocyte activation and atherosclerosis in CD47-deficient mice. <i>Scientific Reports</i> , 2019, 9, 10608.	3.3	29
12	Preclinical Evaluation of a Radioiodinated Fully Human Antibody for In Vivo Imaging of Vascular Adhesion Protein-1-Positive Vasculature in Inflammation. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1315-1319.	5.0	22
13	Absorption, distribution and excretion of intravenously injected <sup>68</sup> Ge/ <sup>68</sup> Ga generator eluate in healthy rats, and estimation of human radiation dosimetry. <i>EJNMMI Research</i> , 2015, 5, 117.	2.5	20
14	Preliminary evaluation of novel <sup>68</sup> Ga-DOTAVAP-PEG-P2 peptide targeting vascular adhesion protein-1. <i>Clinical Physiology and Functional Imaging</i> , 2010, 30, 75-78.	1.2	17
15	<sup>68</sup> Ga-Chloride PET Reveals Human Pancreatic Adenocarcinoma Xenografts in Rats – Comparison with FDG. <i>Molecular Imaging and Biology</i> , 2010, 12, 259-268.	2.6	14
16	Defects in CD4+ T cell LFA-1 integrin-dependent adhesion and proliferation protect <i>Cd47</i> <sup>-/-</sup> mice from EAE. <i>Journal of Leukocyte Biology</i> , 2017, 101, 493-505.	3.3	13
17	First-in-Humans Study of <sup>68</sup> Ga-DOTA-Siglec-9, a PET Ligand Targeting Vascular Adhesion Protein 1. <i>Journal of Nuclear Medicine</i> , 2021, 62, 577-583.	5.0	13
18	A Comparative <sup>68</sup> Ga-Citrate and <sup>68</sup> Ga-Chloride PET/CT Imaging of <i>Staphylococcus aureus</i> Osteomyelitis in the Rat Tibia. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	12

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19	68Ga-DOTA-E[c(RGDfK)] <sub>2</sub> PET Imaging of SHARPIN-Regulated Integrin Activity in Mice. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1380-1387.	5.0	11
20	68Ga-DOTA chelate, a novel imaging agent for assessment of myocardial perfusion and infarction detection in a rodent model. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 891-898.	2.1	10
21	Cross-validation of Input Functions Obtained by H <sub>2</sub> 15O PET Imaging of Rat Heart and a Blood Flow-through Detector. <i>Molecular Imaging and Biology</i> , 2012, 14, 509-516.	2.6	9
22	Assessment of blood flow with (68)Ga-DOTA PET in experimental inflammation: a validation study using (15)O-water. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 4, 571-9.	1.0	9
23	Comparison of 68Ga-DOTA-Siglec-9 and 18F-Fluorodeoxyribose-Siglec-9: Inflammation Imaging and Radiation Dosimetry. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.8	7
24	Feasibility of experimental BT4C glioma models for somatostatin receptor 2-targeted therapies. <i>Acta Oncologica</i> , 2014, 53, 1125-1134.	1.8	5
25	SIRP $\beta$ - CD47 axis regulates dendritic cell-T cell interactions and TCR activation during T cell priming in spleen. <i>PLoS ONE</i> , 2022, 17, e0266566.	2.5	4
26	Impaired CD47 $\beta$ -SIRP $\beta$ Interactions in Antigen $\beta$ -Priming Results in Defects in Proliferation In Vivo. <i>FASEB Journal</i> , 2019, 33, .	0.5	0