Hendrikus Boersma

List of Publications by Year in descending order

49 papers	2,049 citations	279798 23 h-index	243625 44 g-index
50 all docs	50 docs citations	50 times ranked	2655 citing authors

#	Article	IF	Citations
1	Visualisation of cell death in vivo in patients with acute myocardial infarction. Lancet, The, 2000, 356, 209-212.	13.7	414
2	2-deoxy-2-[18F]fluoro-d-mannose positron emission tomography imaging in atherosclerosis. Nature Medicine, 2014, 20, 215-219.	30.7	159
3	Photoresponsive molecular tools for emerging applications of light in medicine. Chemical Science, 2020, 11, 11672-11691.	7.4	142
4	Molecular Imaging of Matrix Metalloproteinase in Atherosclerotic Lesions. Journal of the American College of Cardiology, 2008, 52, 1847-1857.	2.8	125
5	Calcification as a Risk Factor for Rupture of Abdominal Aortic Aneurysm. European Journal of Vascular and Endovascular Surgery, 2013, 46, 542-548.	1.5	100
6	Noninvasive Detection of Programmed Cell Loss with 99mTc-Labeled Annexin A5 in Heart Failure. Journal of Nuclear Medicine, 2007, 48, 562-567.	5.0	70
7	Radionuclide imaging of bone marrow disorders. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 166-178.	6.4	64
8	Folate Receptor-Î² Imaging Using ^{99m}Tc-Folate to Explore Distribution of Polarized Macrophage Populations in Human Atherosclerotic Plaque. Journal of Nuclear Medicine, 2014, 55, 1945-1951.	5.0	57
9	High-resolution imaging of human atherosclerotic carotid plaques with micro18F-FDG PET scanning exploring plaque vulnerability. Journal of Nuclear Cardiology, 2011, 18, 1066-1075.	2.1	55
10	Biodistribution and dosimetry of 99mTc-BTAP-annexin-V in humans. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 1373-1378.	2.1	54
11	In Vivo Detection of Apoptosis in an Intracardiac Tumor. JAMA - Journal of the American Medical Association, 2001, 285, 1841.	7.4	52
12	Early molecular imaging of interstitial changes in patients after myocardial infarction: Comparison with delayed contrast-enhanced magnetic resonance imaging. Journal of Nuclear Cardiology, 2010, 17, 1065-1072.	2.1	45
13	Comparison between human pharmacokinetics and imaging properties of two conjugation methods for99mTc-Annexin A5. British Journal of Radiology, 2003, 76, 553-560.	2.2	42
14	Small-animal SPECT and SPECT/CT: application in cardiovascular research. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1766-1777.	6.4	42
15	In vivo and in vitro evidence that 99mTc-HYNIC-interleukin-2 is able to detect T lymphocytes in vulnerable atherosclerotic plaques of the carotid artery. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1710-1719.	6.4	41
16	Abdominal aortic calcification detected by dual X-ray absorptiometry: A strong predictor for cardiovascular events. Annals of Medicine, 2010, 42, 539-545.	3.8	40
17	Distribution of Matrix Metalloproteinases in Human Atherosclerotic Carotid Plaques and Their Production by Smooth Muscle Cells and Macrophage Subsets. Molecular Imaging and Biology, 2016, 18, 283-291.	2.6	39
18	18F-sodium fluoride positron emission tomography assessed microcalcifications in culprit and non-culprit human carotid plaques. Journal of Nuclear Cardiology, 2019, 26, 1064-1075.	2.1	39

#	Article	IF	Citations
19	In Vivo Imaging of Apoptosis in Oncology: An Update. Molecular Imaging, 2011, 10, 7290.2010.00058.	1.4	38
20	Feasibility of [18F]-RGD for ex vivo imaging of atherosclerosis in detection of Î±vÎ²3 integrin expression. Journal of Nuclear Cardiology, 2015, 22, 1179-1186.	2.1	32
21	Avenues to molecular imaging of dying cells: Focus on cancer. Medicinal Research Reviews, 2018, 38, 1713-1768.	10.5	30
22	Targeted optical fluorescence imaging: a meta-narrative review and future perspectives. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4272-4292.	6.4	29
23	Feasibility of Vascular Endothelial Growth Factor Imaging in Human Atherosclerotic Plaque Using ⁸⁹ Zr-Bevacizumab Positron Emission Tomography. Molecular Imaging, 2013, 12, 7290.2012.00034.	1.4	27
24	The effects of GLP-1 analogues in obese, insulin-using type 2 diabetes in relation to eating behaviour. International Journal of Clinical Pharmacy, 2016, 38, 144-151.	2.1	26
25	Targeted Folate Receptor Î² Fluorescence Imaging as a Measure of Inflammation to Estimate Vulnerability Within Human Atherosclerotic Carotid Plaque. Journal of Nuclear Medicine, 2012, 53, 1222-1229.	5.0	25
26	Current state of experimental imaging modalities for risk assessment of abdominal aortic aneurysm. Journal of Vascular Surgery, 2013, 57, 851-859.	1.1	24
27	Adverse cardiovascular effects of anabolic steroids: pathophysiology imaging. European Journal of Clinical Investigation, 2012, 42, 795-803.	3.4	23
28	[¹⁸F]Fluoroethoxybenzovesamicol in Parkinson's disease patients: Quantification of a novel cholinergic positron emission tomography tracer. Movement Disorders, 2019, 34, 924-926.	3.9	20
29	In vitro imaging of bacteria using 18F-fluorodeoxyglucose micro positron emission tomography. Scientific Reports, 2017, 7, 4973.	3.3	19
30	Simulation studies and the alignment of interests. Health Care Management Science, 2002, 5, 97-102.	2.6	16
31	Long-term prognostic value of quantitative myocardial perfusion in patients with chest pain and normal coronary arteries. Journal of Nuclear Cardiology, 2019, 26, 1844-1852.	2.1	16
32	Evolving role of molecular imaging for new understanding: targeting myofibroblasts to predict remodeling. Annals of the New York Academy of Sciences, 2012, 1254, 33-41.	3.8	14
33	Stress myocardial blood flow correlates with ventricular function and synchrony better than myocardial perfusion reserve: A Nitrogen-13 ammonia PET study. Journal of Nuclear Cardiology, 2018, 25, 797-806.	2.1	13
34	Serial [18F]-FDHT-PET to predict bicalutamide efficacy in patients with androgen receptor positive metastatic breast cancer. European Journal of Cancer, 2021, 144, 151-161.	2.8	13
35	Transient Enhanced Uptake of123I-Metaiodobenzylguanidine in the Contralateral Adrenal Region after Resection of an Adrenal Pheochromocytoma. New England Journal of Medicine, 2000, 342, 1450-1450.	27.0	12
36	Myocardial perfusion reserve in spared myocardium: correlation with infarct size and left ventricular ejection fraction. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1148-1154.	6.4	12

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37	The ApoCorrect assay: a novel, rapid method to determine the biological functionality of radiolabeled and fluorescent Annexin A5. Analytical Biochemistry, 2004, 327, 126-134.	2.4	10
38	Interaction between the cytostatic effects of quercetin and 5-fluorouracil in two human colorectal cancer cell lines. Phytomedicine, 1994, 1, 239-244.	5.3	9
39	Myocardial perfusion reserve compared with peripheral perfusion reserve: A [13N]ammonia PET study. Journal of Nuclear Cardiology, 2011, 18, 238-246.	2.1	9
40	PET and MRI for the evaluation of regional myocardial perfusion and wall thickening after myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1065-1069.	6.4	9
41	Growth Factor/Peptide Receptor Imaging for the Development of Targeted Therapy in Oncology. Current Pharmaceutical Design, 2008, 14, 3340-3347.	1.9	7
42	Compensatory Uptake of I-123 MIBG in the Contralateral Adrenal Gland After Removal of a Pheochromocytoma. Clinical Nuclear Medicine, 2002, 27, 113-116.	1.3	6
43	Oral Tegafur/folinic acid chemotherapy decreases phenytoin efficacy. British Journal of Cancer, 2004, 90, 745-745.	6.4	6
44	Test-Retest Stability of Cerebral 2-Deoxy-2-[18F]Fluoro-D-Glucose ([18F]FDG) Positron Emission Tomography (PET) in Male and Female Rats. Molecular Imaging and Biology, 2019, 21, 240-248.	2.6	6
45	Feasibility of ex vivo fluorescence imaging of angiogenesis in (non-) culprit human carotid atherosclerotic plaques using bevacizumab-800CW. Scientific Reports, 2021, 11, 2899.	3.3	6
46	Cardioprotection by minocycline in a rabbit model of ischemia/reperfusion injury: Detection of cell death by in vivo 111In-GSAO SPECT. Journal of Nuclear Cardiology, 2018, 25, 94-100.	2.1	4
47	P-Selectin Imaging in Cardiovascular Disease: What You See Is What You Get?. Journal of Nuclear Medicine, 2011, 52, 1337-1338.	5.0	3
48	Radioimmunotherapy as a treatment modality for non-Hodgkin's lymphoma. Drugs of the Future, 2004, 29, 95.	0.1	3
49	Validation of a cost-effective alternative for a radiochromatography method to be used in a developing country. EJNMMI Radiopharmacy and Chemistry, 2020, 5, 9.	3.9	2