

Eric Visser

List of Publications by Year in descending order

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42
papers

4,177
citations

257450

24
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

5696
citing authors

#	ARTICLE	IF	CITATIONS
1	FDG PET/CT: EANM procedure guidelines for tumour imaging: version 2.0. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 328-354.	6.4	2,188
2	Quantification of FDG PET studies using standardised uptake values in multi-centre trials: effects of image reconstruction, resolution and ROI definition parameters. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 392-404.	6.4	268
3	Spatial Resolution and Sensitivity of the Inveon Small-Animal PET Scanner. Journal of Nuclear Medicine, 2009, 50, 139-147.	5.0	175
4	Image-Quality Assessment for Several Positron Emitters Using the NEMA NU 4-2008 Standards in the Siemens Inveon Small-Animal PET Scanner. Journal of Nuclear Medicine, 2010, 51, 610-617.	5.0	138
5	Chemotherapy Response Evaluation with ¹⁸ F-FDG PET in Patients with Non-Small Cell Lung Cancer. Journal of Nuclear Medicine, 2007, 48, 1592-1598.	5.0	109
6	Glucose Metabolism in NSCLC Is Histology-Specific and Diverges the Prognostic Potential of ¹⁸ F-FDG-PET for Adenocarcinoma and Squamous Cell Carcinoma. Journal of Thoracic Oncology, 2014, 9, 1485-1493.	1.1	107
7	Chemotherapy response evaluation with ¹⁸ F-FDG PET in patients with colorectal cancer. Annals of Oncology, 2008, 19, 348-352.	1.2	98
8	Return flows in horizontal MOCVD reactors studied with the use of TiO ₂ particle injection and numerical calculations. Journal of Crystal Growth, 1989, 94, 929-946.	1.5	80
9	PET in the management of locally advanced and metastatic NSCLC. Nature Reviews Clinical Oncology, 2015, 12, 395-407.	27.6	75
10	Measurement of thermal diffusion in thin films using a modulated laser technique: Application to chemical vapor deposited diamond films. Journal of Applied Physics, 1992, 71, 3238-3248.	2.5	71
11	A Curve-Fitting Approach to Estimate the Arterial Plasma Input Function for the Assessment of Glucose Metabolic Rate and Response to Treatment. Journal of Nuclear Medicine, 2009, 50, 1933-1939.	5.0	68
12	Electrical conduction in homoepitaxial, boron-doped diamond films. Journal of Physics Condensed Matter, 1992, 4, 7365-7376.	1.8	67
13	Correlation Between In Vivo ¹⁸ F-FDG PET and Immunohistochemical Markers of Glucose Uptake and Metabolism in Pheochromocytoma and Paraganglioma. Journal of Nuclear Medicine, 2014, 55, 1253-1259.	5.0	67
14	Multicenter Harmonization of ⁸⁹ Zr PET/CT Performance. Journal of Nuclear Medicine, 2014, 55, 264-267.	5.0	63
15	Comparison of Tumor Volumes Derived from Glucose Metabolic Rate Maps and SUV Maps in Dynamic ¹⁸ F-FDG PET. Journal of Nuclear Medicine, 2008, 49, 892-898.	5.0	51
16	Amplitude-based optimal respiratory gating in positron emission tomography in patients with primary lung cancer. European Radiology, 2014, 24, 3242-3250.	4.5	51
17	Dosimetric Analysis of ¹⁷⁷ Lu-cG250 Radioimmunotherapy in Renal Cell Carcinoma Patients: Correlation with Myelotoxicity and Pretherapeutic Absorbed Dose Predictions Based on ¹¹¹ In-cG250 Imaging. Journal of Nuclear Medicine, 2012, 53, 82-89.	5.0	45
18	SUV: From Silly Useless Value to Smart Uptake Value. Journal of Nuclear Medicine, 2010, 51, 173-175.	5.0	44

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19	Accurate molecular imaging of small animals taking into account animal models, handling, anaesthesia, quality control and imaging system performance. <i>EJNMMI Physics</i> , 2015, 2, 31.	2.7	37
20	Deep-level photoluminescence studies on Si-doped, metalorganic chemical vapor deposition grown Al _x Ga _{1-x} As. <i>Journal of Applied Physics</i> , 1991, 69, 3266-3277.	2.5	31
21	Tip for scanning tunneling microscopy made of monocrystalline, semiconducting, chemical vapor deposited diamond. <i>Applied Physics Letters</i> , 1992, 60, 3232-3234.	3.3	31
22	Comparison of Tumor Uptake Heterogeneity Characterization Between Static and Parametric ¹⁸ F-FDG PET Images in Non-Small Cell Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1033-1039.	5.0	31
23	Using the NEMA NU 4 PET Image Quality Phantom in Multipinhole Small-Animal SPECT. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1646-1653.	5.0	30
24	Chemotherapy Response Monitoring of Colorectal Liver Metastases by Dynamic Gd-DTPA-Enhanced MRI Perfusion Parameters and ¹⁸ F-FDG PET Metabolic Rate. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1777-1784.	5.0	29
25	Succinylated Gelatin Improves the Theranostic Potential of Radiolabeled Exendin-4 in Insulinoma Patients. <i>Journal of Nuclear Medicine</i> , 2019, 60, 812-816.	5.0	21
26	Photoluminescence microtomography of diamond. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1990, 62, 597-614.	0.6	20
27	Improving the Spatial Alignment in PET/CT Using Amplitude-Based Respiration-Gated PET and Respiration-Triggered CT. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1817-1822.	5.0	20
28	High spatial resolution photoluminescence studies of dislocations in Si-doped, liquid-encapsulated Czochralski GaAs. <i>Journal of Applied Physics</i> , 1990, 68, 4242-4252.	2.5	17
29	Performance of automatic image segmentation algorithms for calculating total lesion glycolysis for early response monitoring in non-small cell lung cancer patients during concomitant chemoradiotherapy. <i>Radiotherapy and Oncology</i> , 2016, 119, 473-479.	0.6	17
30	Photoluminescence and electrical studies of Si-doped Al _x Ga _{1-x} As grown on various substrate orientations by metalorganic chemical vapor deposition. <i>Journal of Applied Physics</i> , 1991, 69, 3278-3285.	2.5	16
31	Software package for integrated data processing for internal dose assessment in nuclear medicine (SPRIND). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 413-421.	6.4	16
32	Evaluation of different normalization procedures for the calculation of the standardized uptake value in therapy response monitoring studies. <i>Nuclear Medicine Communications</i> , 2009, 30, 550-557.	1.1	16
33	Impact of μ -based versus CT-based attenuation correction on PET. <i>Medical Physics</i> , 2007, 34, 889-897.	3.0	15
34	Construction of a liquid He cryostat insert for high spatial resolution photoluminescence experiments on GaAs. <i>Review of Scientific Instruments</i> , 1990, 61, 1490-1493.	1.3	14
35	Comparison of a Free-Breathing CT and an Expiratory Breath-Hold CT with Regard to Spatial Alignment of Amplitude-Based Respiratory-Gated PET and CT Images. <i>Journal of Nuclear Medicine Technology</i> , 2014, 42, 269-273.	0.8	13
36	Muscle Activity during Walking Measured Using 3D MRI Segmentations and [¹⁸ F]-Fluorodeoxyglucose in Combination with Positron Emission Tomography. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1896-1905.	0.4	13

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37	Evaluating the use of optimally respiratory gated 18F-FDG-PET in target volume delineation and its influence on radiation doses to the organs at risk in non-small-cell lung cancer patients. Nuclear Medicine Communications, 2016, 37, 66-73.	1.1	8
38	Comparison of liver SUV using unenhanced CT versus contrast-enhanced CT for attenuation correction in 18F-FDG PET/CT. Nuclear Medicine Communications, 2014, 35, 472-477.	1.1	7
39	Abstract OT3-2-01: IMPACT: IMaging PATients for Cancer drug selecTion " Metastatic breast cancer (MBC). , 2015, , .		4
40	Measurement of gas-switching related diffusion phenomena in horizontal MOCVD reactors using biacetyl luminescence. Journal of Crystal Growth, 1990, 102, 529-541.	1.5	3
41	Symmetry and spatial distribution of muscle glucose uptake in the lower limbs during walking measured using FDG-PET. PLoS ONE, 2019, 14, e0215276.	2.5	2
42	Microstructure changes after annealing of undoped and Cr-doped liquid-encapsulated Czochralski-grown GaAs. Journal of Applied Physics, 1991, 69, 4234-4246.	2.5	1