# Eric Visser

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8939357/publications.pdf

Version: 2024-02-01

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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 | 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 |
| 2 | Succinylated Gelatin Improves the Theranostic Potential of Radiolabeled Exendin-4 in Insulinoma Patients. Journal of Nuclear Medicine, 2019, 60, 812-816. | 5.0 | 21 |
| 3 | Comparison of Tumor Uptake Heterogeneity Characterization Between Static and Parametric <sup>18</sup>F-FDG PET Images in Nonâ€“Small Cell Lung Cancer. Journal of Nuclear Medicine, 2016, 57, 1033-1039. | 5.0 | 31 |
| 4 | 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. Radiotherapy and Oncology, 2016, 119, 473-479. | 0.6 | 17 |
| 5 | 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 |
| 6 | Accurate molecular imaging of small animals taking into account animal models, handling, anaesthesia, quality control and imaging system performance. EJNMMI Physics, 2015, 2, 31. | 2.7 | 37 |
| 7 | Muscle Activity during Walking Measured Using 3D MRI Segmentations and [18F]-Fluorodeoxyglucose in Combination with Positron Emission Tomography. Medicine and Science in Sports and Exercise, 2015, 47, 1896-1905. | 0.4 | 13 |
| 8 | Improving the Spatial Alignment in PET/CT Using Amplitude-Based Respiration-Gated PET and Respiration-Triggered CT. Journal of Nuclear Medicine, 2015, 56, 1817-1822. | 5.0 | 20 |
| 9 | 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 |
| 10 | PET in the management of locally advanced and metastatic NSCLC. Nature Reviews Clinical Oncology, 2015, 12, 395-407. | 27.6 | 75 |
| 11 | Abstract OT3-2-01: IMPACT: IMaging PAtients for Cancer drug selecTion â€“ Metastatic breast cancer (MBC). , 2015, , . | | 4 |
| 12 | Amplitude-based optimal respiratory gating in positron emission tomography in patients with primary lung cancer. European Radiology, 2014, 24, 3242-3250. | 4.5 | 51 |
| 13 | 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. Journal of Nuclear Medicine Technology, 2014, 42, 269-273. | 0.8 | 13 |
| 14 | Glucose Metabolism in NSCLC Is Histology-Specific and Diverges the Prognostic Potential of 18FDG-PET for Adenocarcinoma and Squamous Cell Carcinoma. Journal of Thoracic Oncology, 2014, 9, 1485-1493. | 1.1 | 107 |
| 15 | 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 |
| 16 | Correlation Between In Vivo <sup>18</sup>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 |
| 17 | Multicenter Harmonization of <sup>89</sup>Zr PET/CT Performance. Journal of Nuclear Medicine, 2014, 55, 264-267. | 5.0 | 63 |
| 18 | Dosimetric Analysis of <sup>177</sup>Lu-cG250 Radioimmunotherapy in Renal Cell Carcinoma Patients: Correlation with Myelotoxicity and Pretherapeutic Absorbed Dose Predictions Based on <sup>111</sup>In-cG250 Imaging. Journal of Nuclear Medicine, 2012, 53, 82-89. | 5.0 | 45 |

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|---|---|---|---|
| 19 | Using the NEMA NU 4 PET Image Quality Phantom in Multipinhole Small-Animal SPECT. Journal of Nuclear Medicine, 2011, 52, 1646-1653. | 5.0 | 30 |
| 20 | 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 |
| 21 | SUV: From Silly Useless Value to Smart Uptake Value. Journal of Nuclear Medicine, 2010, 51, 173-175. | 5.0 | 44 |
| 22 | 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 |
| 23 | Chemotherapy Response Monitoring of Colorectal Liver Metastases by Dynamic Gd-DTPAâ€"Enhanced MRI Perfusion Parameters and 18F-FDG PET Metabolic Rate. Journal of Nuclear Medicine, 2009, 50, 1777-1784. | 5.0 | 29 |
| 24 | Spatial Resolution and Sensitivity of the Inveon Small-Animal PET Scanner. Journal of Nuclear Medicine, 2009, 50, 139-147. | 5.0 | 175 |
| 25 | Evaluation of different normalization procedures for the calculation of the standardized uptake value in therapy response monitoring studies. Nuclear Medicine Communications, 2009, 30, 550-557. | 1.1 | 16 |
| 26 | Chemotherapy response evaluation with FDGâ€"PET in patients with colorectal cancer. Annals of Oncology, 2008, 19, 348-352. | 1.2 | 98 |
| 27 | Comparison of Tumor Volumes Derived from Glucose Metabolic Rate Maps and SUV Maps in Dynamic ‹sup›18‹/sup›F-FDG PET. Journal of Nuclear Medicine, 2008, 49, 892-898. | 5.0 | 51 |
| 28 | Chemotherapy Response Evaluation with 18F-FDG PET in Patients with Non-Small Cell Lung Cancer. Journal of Nuclear Medicine, 2007, 48, 1592-1598. | 5.0 | 109 |
| 29 | Impact of â€based versus CTâ€based attenuation correction on PET. Medical Physics, 2007, 34, 889-897. | 3.0 | 15 |
| 30 | 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 |
| 31 | Software package for integrated data processing for internal dose assessment in nuclear medicine (SPRIND). European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 413-421. | 6.4 | 16 |
| 32 | Tip for scanning tunneling microscopy made of monocrystalline, semiconducting, chemical vapor deposited diamond. Applied Physics Letters, 1992, 60, 3232-3234. | 3.3 | 31 |
| 33 | Measurement of thermal diffusion in thin films using a modulated laser technique: Application to chemicalâ€vaporâ€deposited diamond films. Journal of Applied Physics, 1992, 71, 3238-3248. | 2.5 | 71 |
| 34 | Electrical conduction in homoepitaxial, boron-doped diamond films. Journal of Physics Condensed Matter, 1992, 4, 7365-7376. | 1.8 | 67 |
| 35 | Photoluminescence and electrical studies of Siâ€doped AlxGa1â^'xAs grown on various substrate orientations by metalorganic chemical vapor deposition. Journal of Applied Physics, 1991, 69, 3278-3285. | 2.5 | 16 |
| 36 | Microstructure changes after annealing of undoped and Crâ€doped liquidâ€encapsulated Czochralskiâ€grown GaAs. Journal of Applied Physics, 1991, 69, 4234-4246. | 2.5 | 1 |

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|---|---|---|---|
| 37 | Deepâ€level photoluminescence studies on Siâ€doped, metalorganic chemical vapor deposition grown AlxGa1â^'xAs. Journal of Applied Physics, 1991, 69, 3266-3277. | 2.5 | 31 |
| 38 | 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 |
| 39 | High spatial resolution photoluminescence studies of dislocations in Siâ€doped, liquidâ€encapsulated Czochralski GaAs. Journal of Applied Physics, 1990, 68, 4242-4252. | 2.5 | 17 |
| 40 | Construction of a liquid He cryostat insert for high spatial resolution photoluminescence experiments on GaAs. Review of Scientific Instruments, 1990, 61, 1490-1493. | 1.3 | 14 |
| 41 | Photoluminescence microtomography of diamond. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1990, 62, 597-614. | 0.6 | 20 |
| 42 | Return flows in horizontal MOCVD reactors studied with the use of TiO2 particle injection and numerical calculations. Journal of Crystal Growth, 1989, 94, 929-946. | 1.5 | 80 |