

Aniek J G Even

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,932
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

5747
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nitroglycerin as a radiosensitizer in non-small cell lung cancer: Results of a prospective imaging-based phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2020, 21, 49-55. | 1.7 | 11 |
| 2 | Miniaturized Electronic Circuit Design Challenges for Ingestible Devices. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 645-652. | 2.5 | 16 |
| 3 | Non-invasive imaging prediction of tumor hypoxia: A novel developed and externally validated CT and FDG-PET-based radiomic signatures. <i>Radiotherapy and Oncology</i> , 2020, 153, 97-105. | 0.6 | 19 |
| 4 | [18F]-HX4 PET/CT hypoxia in patients with squamous cell carcinoma of the head and neck treated with chemoradiotherapy: Prognostic results from two prospective trials. <i>Clinical and Translational Radiation Oncology</i> , 2020, 23, 9-15. | 1.7 | 12 |
| 5 | Decision Support Systems in Oncology. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9. | 2.1 | 85 |
| 6 | Impact of SBRT fractionation in hypoxia dose painting – Accounting for heterogeneous and dynamic tumor oxygenation. <i>Medical Physics</i> , 2019, 46, 2512-2521. | 3.0 | 17 |
| 7 | Non-linear conversion of HX4 uptake for automatic segmentation of hypoxic volumes and dose prescription. <i>Acta Oncologica</i> , 2018, 57, 485-490. | 1.8 | 8 |
| 8 | Decision support systems for personalized and participative radiation oncology. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 131-153. | 13.7 | 113 |
| 9 | Defining the hypoxic target volume based on positron emission tomography for image guided radiotherapy – the influence of the choice of the reference region and conversion function. <i>Acta Oncologica</i> , 2017, 56, 819-825. | 1.8 | 13 |
| 10 | PET imaging of zirconium-89 labelled cetuximab: A phase I trial in patients with head and neck and lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 122, 267-273. | 0.6 | 48 |
| 11 | Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 749-762. | 27.6 | 3,216 |
| 12 | Predicting tumor hypoxia in non-small cell lung cancer by combining CT, FDG PET and dynamic contrast-enhanced CT. <i>Acta Oncologica</i> , 2017, 56, 1591-1596. | 1.8 | 15 |
| 13 | Clustering of multi-parametric functional imaging to identify high-risk subvolumes in non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 379-384. | 0.6 | 23 |
| 14 | Quantitative assessment of Zirconium-89 labeled cetuximab using PET/CT imaging in patients with advanced head and neck cancer: a theragnostic approach. <i>Oncotarget</i> , 2017, 8, 3870-3880. | 1.8 | 48 |
| 15 | The promise of multiparametric imaging in oncology: how do we move forward?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1195-1198. | 6.4 | 7 |
| 16 | Multiparametric imaging of patient and tumour heterogeneity in non-small-cell lung cancer: quantification of tumour hypoxia, metabolism and perfusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 240-248. | 6.4 | 64 |
| 17 | PET-based dose painting in non-small cell lung cancer: Comparing uniform dose escalation with boosting hypoxic and metabolically active sub-volumes. <i>Radiotherapy and Oncology</i> , 2015, 116, 281-286. | 0.6 | 64 |
| 18 | Modern clinical research: How rapid learning health care and cohort multiple randomised clinical trials complement traditional evidence based medicine. <i>Acta Oncologica</i> , 2015, 54, 1289-1300. | 1.8 | 59 |

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|----|--|-----|-----------|
| 19 | <i>In Vivo</i> Quantification of Hypoxic and Metabolic Status of NSCLC Tumors Using [18F]HX4 and [18F]FDG-PET/CT Imaging. <i>Clinical Cancer Research</i> , 2014, 20, 6389-6397. | 7.0 | 81 |
| 20 | High-dose-rate prostate brachytherapy based on registered transrectal ultrasound and in-room cone-beam CT images. <i>Brachytherapy</i> , 2014, 13, 128-136. | 0.5 | 13 |