

# Cornelis Schilstra

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,507  
citations

361045

20  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1622  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Direct use of multivariable normal tissue complication probability models in treatment plan optimisation for individualised head and neck cancer radiotherapy produces clinically acceptable treatment plans. <i>Radiotherapy and Oncology</i> , 2014, 112, 430-436. | 0.3 | 36        |
| 2  | Role of minor salivary glands in developing patient-rated xerostomia and sticky saliva during day and night. <i>Radiotherapy and Oncology</i> , 2013, 109, 311-316.  | 0.3 | 25        |
| 3  | The potential of intensity-modulated proton radiotherapy to reduce swallowing dysfunction in the treatment of head and neck cancer: A planning comparative study. <i>Acta Oncologica</i> , 2013, 52, 561-569.  | 0.8 | 89        |
| 4  | Using a Reduced Spot Size for Intensity-Modulated Proton Therapy Potentially Improves Salivary Gland-Sparing in Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e313-e319.                                      | 0.4 | 66        |
| 5  | Impact of Statistical Learning Methods on the Predictive Power of Multivariate Normal Tissue Complication Probability Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e677-e684.  | 0.4 | 46        |
| 6  | Simultaneous Integrated Boost Irradiation After Breast-Conserving Surgery: Physician-Rated Toxicity and Cosmetic Outcome at 30 Months Follow-Up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, e471-e477.                           | 0.4 | 55        |
| 7  | Statistical Validation of Normal Tissue Complication Probability Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e123-e129.   | 0.4 | 35        |
| 8  | A Prospective Cohort Study on Radiation-induced Hypothyroidism: Development of an NTCP Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e351-e356.  | 0.4 | 90        |
| 9  | Multivariate modeling of complications with data driven variable selection: Guarding against overfitting and effects of data set size. <i>Radiotherapy and Oncology</i> , 2012, 105, 115-121.  | 0.3 | 53        |
| 10 | Predictive modelling for swallowing dysfunction after primary (chemo)radiation: Results of a prospective observational study. <i>Radiotherapy and Oncology</i> , 2012, 105, 107-114.   | 0.3 | 223       |
| 11 | External validation of three dimensional conformal radiotherapy based NTCP models for patient-rated xerostomia and sticky saliva among patients treated with intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2012, 105, 94-100.                 | 0.3 | 53        |
| 12 | The potential benefit of swallowing sparing intensity modulated radiotherapy to reduce swallowing dysfunction: An in silico planning comparative study. <i>Radiotherapy and Oncology</i> , 2012, 103, 76-81.   | 0.3 | 62        |
| 13 | NTCP models for patient-rated xerostomia and sticky saliva after treatment with intensity modulated radiotherapy for head and neck cancer: The role of dosimetric and clinical factors. <i>Radiotherapy and Oncology</i> , 2012, 105, 101-106.                       | 0.3 | 149       |
| 14 | Development of NTCP models for head and neck cancer patients treated with three-dimensional conformal radiotherapy for xerostomia and sticky saliva: The role of dosimetric and clinical factors. <i>Radiotherapy and Oncology</i> , 2012, 105, 86-93.               | 0.3 | 90        |
| 15 | Potential Benefits of Scanned Intensity-Modulated Proton Therapy Versus Advanced Photon Therapy With Regard to Sparing of the Salivary Glands in Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1216-1224.     | 0.4 | 127       |
| 16 | The Potential Benefit of Radiotherapy with Protons in Head and Neck Cancer with Respect to Normal Tissue Sparing: A Systematic Review of Literature. <i>Oncologist</i> , 2011, 16, 366-377.  | 1.9 | 127       |
| 17 | A Comparison of Dose-Response Models for the Parotid Gland in a Large Group of Head-and-Neck Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1259-1265.  | 0.4 | 77        |
| 18 | Limited benefit of inversely optimised intensity modulation in breast conserving radiotherapy with simultaneously integrated boost. <i>Radiotherapy and Oncology</i> , 2010, 94, 307-312.  | 0.3 | 21        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Design of and technical challenges involved in a framework for multicentric radiotherapy treatment planning studies. <i>Radiotherapy and Oncology</i> , 2010, 97, 567-571.  | 0.3 | 32        |
| 20 | Grading-System-Dependent Volume Effects for Late Radiation-Induced Rectal Toxicity After Curative Radiotherapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 1138-1145. | 0.4 | 51        |