

# Max Johannes Hendrikus Witjes

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

1,092  
citations

17  
h-index

32  
g-index

48  
ext. papers

1,357  
ext. citations

4.1  
avg, IF

4.18  
L-index

#	Paper	IF	Citations
44	Multispectral optoacoustic tomography for detection of lymph node metastases in oral cancer patients using an EGFR-targeted contrast agent and intrinsic tissue contrast: A proof-of-concept study.. <i>Photoacoustics</i> , <b>2022</b> , 26, 100362	9	2
43	Fluorescence grid analysis for the evaluation of piecemeal surgery in sinonasal inverted papilloma: a proof-of-concept study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 1	8.8	0
42	Robust and Accurate Mandible Segmentation on Dental CBCT Scans Affected by Metal Artifacts Using a Prior Shape Model. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
41	Recurrent Convolutional Neural Networks for 3D Mandible Segmentation in Computed Tomography. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	4
40	A Standardized Framework for Fluorescence-Guided Margin Assessment for Head and Neck Cancer Using a Tumor Acidosis Sensitive Optical Imaging Agent. <i>Molecular Imaging and Biology</i> , <b>2021</b> , 23, 809-817	3.8	1
39	Mandible Segmentation of Dental CBCT Scans Affected by Metal Artifacts Using Coarse-to-Fine Learning Model. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
38	Improving oral cavity cancer diagnosis and treatment with fluorescence molecular imaging. <i>Oral Diseases</i> , <b>2021</b> , 27, 21-26	3.5	15
37	Three-dimensional virtual surgical planning in the oncologic treatment of the mandible. <i>Oral Diseases</i> , <b>2021</b> , 27, 14-20	3.5	5
36	Accuracy of fit analysis of the patient-specific Groningen temporomandibular joint prosthesis. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2021</b> , 50, 538-545	2.9	4
35	Automatic Segmentation of Mandible from Conventional Methods to Deep Learning-A Review. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	6
34	Incidental findings during the diagnostic work-up in the head and neck cancer pathway: Effects on treatment delay and survival. <i>Oral Oncology</i> , <b>2021</b> , 118, 105350	4.4	0
33	Augmented Reality Visualization for Image-Guided Surgery: A Validation Study Using a Three-Dimensional Printed Phantom. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2021</b> , 79, 1943.e1-1943.e10	1.8	4
32	The accuracy of gap and step-off measurements in acetabular fracture treatment. <i>Scientific Reports</i> , <b>2021</b> , 11, 18294	4.9	1
31	Exploiting metabolic acidosis in solid cancers using a tumor-agnostic pH-activatable nanoprobe for fluorescence-guided surgery. <i>Nature Communications</i> , <b>2020</b> , 11, 3257	17.4	37
30	Fluorescence-guided imaging for resection margin evaluation in head and neck cancer patients using cetuximab-800CW: A quantitative dose-escalation study. <i>Theranostics</i> , <b>2020</b> , 10, 3994-4005	12.1	18
29	Splintless surgery using patient-specific osteosynthesis in Le Fort I osteotomies: a randomized controlled multi-centre trial. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2020</b> , 49, 454-460	2.9	5
28	Introduction of a three-dimensional computed tomography measurement method for acetabular fractures. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218612	3.7	6

27	Quantitative 3D measurements of tibial plateau fractures. <i>Scientific Reports</i> , <b>2019</b> , 9, 14395	4.9	8
26	Multi-modality 3D mandibular resection planning in head and neck cancer using CT and MRI data fusion: A clinical series. <i>Oral Oncology</i> , <b>2018</b> , 81, 22-28	4.4	33
25	High sensitivity and negative predictive value of sentinel lymph node biopsy in a retrospective early stage oral cavity cancer cohort in the Northern Netherlands. <i>Clinical Otolaryngology</i> , <b>2018</b> , 43, 1080-1087	7.8	17
24	Patient-specific pre-contouring of osteosynthesis plates for mandibular reconstruction: Using a three-dimensional key printed solution. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2018</b> , 46, 1037-1040	3.6	14
23	Development of a patient-specific temporomandibular joint prosthesis according to the Groningen principle through a cadaver test series. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2018</b> , 46, 779-784	3.6	10
22	Secondary surgical management of osteoradionecrosis using three-dimensional isodose curve visualization: a report of three cases. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 47, 214-219	2.9	11
21	Virtual 3D planning of tracheostomy placement and clinical applicability of 3D cannula design: a three-step study. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2018</b> , 275, 451-457	3.5	5
20	Epidermal growth factor receptor (EGFR) density may not be the only determinant for the efficacy of EGFR-targeted photoimmunotherapy in human head and neck cancer cell lines. <i>Lasers in Surgery and Medicine</i> , <b>2018</b> , 50, 513-522	3.6	14
19	The design, production and clinical application of 3D patient-specific implants with drilling guides for acetabular surgery. <i>Injury</i> , <b>2017</b> , 48, 2540-2547	2.5	24
18	Salivary duct carcinoma: Clinical outcomes and prognostic factors in 157 patients and results of androgen deprivation therapy in recurrent disease (n=31) Study of the Dutch head and neck society (DHNS).. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 6016-6016	2.2	7
17	Detection of HPV-associated oropharyngeal tumours in a 16-year cohort: more than meets the eye. <i>British Journal of Cancer</i> , <b>2015</b> , 112, 1349-57	8.7	25
16	Accuracy of fibula reconstruction using patient-specific CAD/CAM reconstruction plates and dental implants: A new modality for functional reconstruction of mandibular defects. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 649-57	3.6	86
15	Integration of oncologic margins in three-dimensional virtual planning for head and neck surgery, including a validation of the software pathway. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 1374-9	3.6	26
14	Predictive value of the Groningen Frailty Indicator for treatment outcomes in elderly patients after head and neck, or skin cancer surgery in a retrospective cohort. <i>Clinical Otolaryngology</i> , <b>2015</b> , 40, 474-82	1.8	26
13	mTHPC mediated, systemic photodynamic therapy (PDT) for nonmelanoma skin cancers: Case and literature review. <i>Lasers in Surgery and Medicine</i> , <b>2015</b> , 47, 779-87	3.6	14
12	Photochemical internalization (PCI)-mediated enhancement of bleomycin cytotoxicity by liposomal mTHPC formulations in human head and neck cancer cells. <i>Lasers in Surgery and Medicine</i> , <b>2014</b> , 46, 650-8	3.6	14
11	mTHPC mediated photodynamic therapy (PDT) of squamous cell carcinoma in the head and neck: a systematic review. <i>Oral Oncology</i> , <b>2013</b> , 49, 192-210	4.4	41
10	mTHPC-mediated photodynamic therapy of early stage oral squamous cell carcinoma: a comparison to surgical treatment. <i>Annals of Surgical Oncology</i> , <b>2013</b> , 20, 3076-82	3.1	36

9	Tumour infiltration depth $\geq$ 4 mm is an indication for an elective neck dissection in pT1cN0 oral squamous cell carcinoma. <i>Oral Oncology</i> , <b>2012</b> , 48, 337-42	4.4	78
8	Non-invasive measurement of the microvascular properties of non-dysplastic and dysplastic oral leukoplakias by use of optical spectroscopy. <i>Oral Oncology</i> , <b>2011</b> , 47, 1165-70	4.4	24
7	Does hyperbaric oxygen therapy improve quality of life?. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2009</b> , 38, 99-100; author reply 100	2.9	3
6	Non-invasive measurement of the morphology and physiology of oral mucosa by use of optical spectroscopy. <i>Oral Oncology</i> , <b>2008</b> , 44, 65-71	4.4	76
5	Positron emission tomography scans for distinguishing between osteomyelitis and infarction in sickle cell disease. <i>British Journal of Haematology</i> , <b>2006</b> , 133, 212-4	4.5	9
4	The status of in vivo autofluorescence spectroscopy and imaging for oral oncology. <i>Oral Oncology</i> , <b>2005</b> , 41, 117-31	4.4	177
3	Autofluorescence and Raman microspectroscopy of tissue sections of oral lesions. <i>Lasers in Medical Science</i> , <b>2005</b> , 19, 203-9	3.1	28
2	In vivo detection of dysplastic tissue by Raman spectroscopy. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 6010-8	7.8	171
1	Photofrin-mediated photodynamic therapy of rat palatal mucosa: Normal tissue effects and light dosimetry. <i>Lasers in Medical Science</i> , <b>1996</b> , 11, 163-174	3.1	3