Max Johannes Hendrikus Witjes

List of Publications by Year
in descending order

47 papers	1,609 citations	361045 20 h-index	301761 39 g-index
48 all docs	48 docs citations	48 times ranked	1928 citing authors

#	Article	IF	Citations
1	The status of in vivo autofluorescence spectroscopy and imaging for oral oncology. Oral Oncology, 2005, 41, 117-131.	0.8	220
2	In Vivo Detection of Dysplastic Tissue by Raman Spectroscopy. Analytical Chemistry, 2000, 72, 6010-6018.	3.2	194
3	Accuracy of fibula reconstruction using patient-specific CAD/CAM reconstruction plates and dental implants: A new modality for functional reconstruction of mandibular defects. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 649-657.	0.7	118
4	Tumour infiltration depth â©¾4mm is an indication for an elective neck dissection in pT1cN0 oral squamous cell carcinoma. Oral Oncology, 2012, 48, 337-342.	0.8	101
5	Exploiting metabolic acidosis in solid cancers using a tumor-agnostic pH-activatable nanoprobe for fluorescence-guided surgery. Nature Communications, 2020, 11, 3257.	5.8	97
6	Non-invasive measurement of the morphology and physiology of oral mucosa by use of optical spectroscopy. Oral Oncology, 2008, 44, 65-71.	0.8	93
7	Fluorescence-guided imaging for resection margin evaluation in head and neck cancer patients using cetuximab-800CW: A quantitative dose-escalation study. Theranostics, 2020, 10, 3994-4005.	4.6	52
8	mTHPC mediated photodynamic therapy (PDT) of squamous cell carcinoma in the head and neck: A systematic review. Oral Oncology, 2013, 49, 192-210.	0.8	49
9	Multi-modality 3D mandibular resection planning in head and neck cancer using CT and MRI data fusion: A clinical series. Oral Oncology, 2018, 81, 22-28.	0.8	48
10	mTHPC-mediated Photodynamic Therapy of Early Stage Oral Squamous Cell Carcinoma: A Comparison to Surgical Treatment. Annals of Surgical Oncology, 2013, 20, 3076-3082.	0.7	46
11	The design, production and clinical application of 3D patient-specific implants with drilling guides for acetabular surgery. Injury, 2017, 48, 2540-2547.	0.7	42
12	Improving oral cavity cancer diagnosis and treatment with fluorescence molecular imaging. Oral Diseases, 2021, 27, 21-26.	1.5	38
13	Autofluorescence and Raman microspectroscopy of tissue sections of oral lesions. Lasers in Medical Science, 2005, 19, 203-209.	1.0	36
14	Predictive value of the <scp>G</scp>roningen <scp>F</scp>railty <scp>I</scp>ndicator for treatment outcomes in elderly patients after head and neck, or skin cancer surgery in a retrospective cohort. Clinical Otolaryngology, 2015, 40, 474-482.	0.6	35
15	Detection of HPV-associated oropharyngeal tumours in a 16-year cohort: more than meets the eye. British Journal of Cancer, 2015, 112, 1349-1357.	2.9	30
16	Integration of oncologic margins in three-dimensional virtual planning for head and neck surgery, including a validation of the software pathway. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1374-1379.	0.7	30
17	Non-invasive measurement of the microvascular properties of non-dysplastic and dysplastic oral leukoplakias by use of optical spectroscopy. Oral Oncology, 2011, 47, 1165-1170.	0.8	29
18	High sensitivity and negative predictive value of sentinel lymph node biopsy in a retrospective early stage oral cavity cancer cohort in the Northern Netherlands. Clinical Otolaryngology, 2018, 43, 1080-1087.	0.6	24

#	Article	IF	Citations
19	Automatic Segmentation of Mandible from Conventional Methods to Deep Learning—A Review. Journal of Personalized Medicine, 2021, 11, 629.	1.1	24
20	mTHPC mediated, systemic photodynamic therapy (PDT) for nonmelanoma skin cancers: Case and literature review. Lasers in Surgery and Medicine, 2015, 47, 779-787.	1.1	21
21	Patient-specific pre-contouring of osteosynthesis plates for mandibular reconstruction: Using a three-dimensional key printed solution. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 1037-1040.	0.7	20
22	Introduction of a three-dimensional computed tomography measurement method for acetabular fractures. PLoS ONE, 2019, 14, e0218612.	1.1	20
23	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. Lasers in Surgery and Medicine, 2018, 50, 513-522.	1.1	19
24	Secondary surgical management of osteoradionecrosis using three-dimensional isodose curve visualization: a report of three cases. International Journal of Oral and Maxillofacial Surgery, 2018, 47, 214-219.	0.7	18
25	Augmented Reality Visualization for Image-Guided Surgery: A Validation Study Using a Three-Dimensional Printed Phantom. Journal of Oral and Maxillofacial Surgery, 2021, 79, 1943.e1-1943.e10.	0.5	18
26	Quantitative 3D measurements of tibial plateau fractures. Scientific Reports, 2019, 9, 14395.	1.6	17
27	Splintless surgery using patient-specific osteosynthesis in Le Fort I osteotomies: a randomized controlled multi-centre trial. International Journal of Oral and Maxillofacial Surgery, 2020, 49, 454-460.	0.7	17
28	Photochemical internalization (PCI)-mediated enhancement of bleomycin cytotoxicity by liposomal mTHPC formulations in human head and neck cancer cells. Lasers in Surgery and Medicine, 2014, 46, 650-658.	1.1	16
29	Recurrent Convolutional Neural Networks for 3D Mandible Segmentation in Computed Tomography. Journal of Personalized Medicine, 2021, 11, 492.	1.1	15
30	Development of a patient-specific temporomandibular joint prosthesis according to the Groningen principle through a cadaver test series. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 779-784.	0.7	14
31	Positron emission tomography scans for distinguishing between osteomyelitis and infarction in sickle cell disease. British Journal of Haematology, 2006, 133, 212-214.	1.2	12
32	Three-dimensional virtual surgical planning in the oncologic treatment of the mandible. Oral Diseases, 2021, 27, 14-20.	1.5	12
33	Robust and Accurate Mandible Segmentation on Dental CBCT Scans Affected by Metal Artifacts Using a Prior Shape Model. Journal of Personalized Medicine, 2021, 11, 364.	1.1	12
34	Multispectral optoacoustic tomography for in vivo detection of lymph node metastases in oral cancer patients using an EGFR-targeted contrast agent and intrinsic tissue contrast: A proof-of-concept study. Photoacoustics, 2022, 26, 100362.	4.4	11
35	The accuracy of gap and step-off measurements in acetabular fracture treatment. Scientific Reports, 2021, 11, 18294.	1.6	9
36	A Standardized Framework for Fluorescence-Guided Margin Assessment for Head and Neck Cancer Using a Tumor Acidosis Sensitive Optical Imaging Agent. Molecular Imaging and Biology, 2021, 23, 809-817.	1.3	8

#	Article	IF	Citations
37	Mandible Segmentation of Dental CBCT Scans Affected by Metal Artifacts Using Coarse-to-Fine Learning Model. Journal of Personalized Medicine, 2021, 11, 560.	1.1	8
38	Salivary duct carcinoma: Clinical outcomes and prognostic factors in 157 patients and results of androgen deprivation therapy in recurrent disease (n=31)â€"Study of the Dutch head and neck society (DHNS).. Journal of Clinical Oncology, 2016, 34, 6016-6016.	0.8	8
39	Virtual 3D planning of tracheostomy placement and clinical applicability of 3D cannula design: a three-step study. European Archives of Oto-Rhino-Laryngology, 2018, 275, 451-457.	0.8	7
40	Accuracy of fit analysis of the patient-specific Groningen temporomandibular joint prosthesis. International Journal of Oral and Maxillofacial Surgery, 2021, 50, 538-545.	0.7	6
41	Incidental findings during the diagnostic work-up in the head and neck cancer pathway: Effects on treatment delay and survival. Oral Oncology, 2021, 118, 105350.	0.8	4
42	Fluorescence grid analysis for the evaluation of piecemeal surgery in sinonasal inverted papilloma: a proof-of-concept study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, , 1.	3.3	4
43	Photofrin-mediated photodynamic therapy of rat palatal mucosa: Normal tissue effects and light dosimetry. Lasers in Medical Science, 1996, 11, 163-174.	1.0	3
44	Does hyperbaric oxygen therapy improve quality of life?. International Journal of Oral and Maxillofacial Surgery, 2009, 38, 99-100.	0.7	3
45	<title>Optical detection of (pre-)malignant lesions of the oral mucosa: autofluorescence characteristics of healthy mucosa</title>. , 2001, , .		0
46	Light Up the Tissue and Brighten Your Patientsâ€™ Odds. Annals of Surgical Oncology, 2019, 26, 1184-1185.	0.7	0
47	Cooperation as core value in an innovative era. Oral Diseases, 2021, 27, 3-6.	1.5	0