

# Maureen Ajm Van Eijnatten

## List of Publications by Citations

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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.

23  
papers

424  
citations

13  
h-index

20  
g-index

24  
ext. papers

575  
ext. citations

3.8  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
23	CT image segmentation methods for bone used in medical additive manufacturing. <i>Medical Engineering and Physics</i> , <b>2018</b> , 51, 6-16	2.4	75
22	CT image segmentation of bone for medical additive manufacturing using a convolutional neural network. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 103, 130-139	7	59
21	Using 3D printing techniques to create an anthropomorphic thorax phantom for medical imaging purposes. <i>Medical Physics</i> , <b>2018</b> , 45, 92-100	4.4	51
20	A Novel Method of Orbital Floor Reconstruction Using Virtual Planning, 3-Dimensional Printing, and Autologous Bone. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2016</b> , 74, 1608-12	1.8	29
19	Segmentation of dental cone-beam CT scans affected by metal artifacts using a mixed-scale dense convolutional neural network. <i>Medical Physics</i> , <b>2019</b> , 46, 5027-5035	4.4	25
18	Effective Radiation Dose in the Wrist Resulting from a Radiographic Device, Two CBCT Devices and One MSCT Device: A Comparative Study. <i>Radiation Protection Dosimetry</i> , <b>2018</b> , 179, 58-68	0.9	25
17	The impact of manual threshold selection in medical additive manufacturing. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2017</b> , 12, 607-615	3.9	25
16	Comparison of cardiac time intervals between echocardiography and impedance cardiography at various heart rates. <i>Journal of Electrical Bioimpedance</i> , <b>2014</b> , 5, 2-8	1.5	21
15	Accuracy of MDCT and CBCT in three-dimensional evaluation of the oropharynx morphology. <i>European Journal of Orthodontics</i> , <b>2018</b> , 40, 58-64	3.3	15
14	Reliability and accuracy of three imaging software packages used for 3D analysis of the upper airway on cone beam computed tomography images. <i>Dentomaxillofacial Radiology</i> , <b>2017</b> , 46, 20170043	3.9	14
13	Virtual forensic anthropology: The accuracy of osteometric analysis of 3D bone models derived from clinical computed tomography (CT) scans. <i>Forensic Science International</i> , <b>2019</b> , 304, 109963	2.6	14
12	The accuracy of ultrashort echo time MRI sequences for medical additive manufacturing. <i>Dentomaxillofacial Radiology</i> , <b>2016</b> , 45, 20150424	3.9	14
11	Influence of CT parameters on STL model accuracy. <i>Rapid Prototyping Journal</i> , <b>2017</b> , 23, 678-685	3.8	13
10	A cone-beam X-ray computed tomography data collection designed for machine learning. <i>Scientific Data</i> , <b>2019</b> , 6, 215	8.2	10
9	MRI and Additive Manufacturing of Nasal Alar Constructs for Patient-specific Reconstruction. <i>Scientific Reports</i> , <b>2017</b> , 7, 10021	4.9	9
8	Quantitative Comparison of Deep Learning-Based Image Reconstruction Methods for Low-Dose and Sparse-Angle CT Applications. <i>Journal of Imaging</i> , <b>2021</b> , 7,	3.1	7
7	3D assessment of damaged bicycle helmets and corresponding craniomaxillo-mandibular skull injuries: A feasibility study. <i>Injury</i> , <b>2017</b> , 48, 2872-2878	2.5	5

6	Impact of prone, supine and oblique patient positioning on CBCT image quality, contrast-to-noise ratio and figure of merit value in the maxillofacial region. <i>Dentomaxillofacial Radiology</i> , <b>2017</b> , 46, 20160418	3.9	4
5	Comparison of convolutional neural network training strategies for cone-beam CT image segmentation. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 207, 106192	6.9	4
4	3D deformable registration of longitudinal abdominopelvic CT images using unsupervised deep learning. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 208, 106261	6.9	3
3	Efficient high cone-angle artifact reduction in circular cone-beam CT using deep learning with geometry-aware dimension reduction. <i>Physics in Medicine and Biology</i> , <b>2021</b> , 66,	3.8	1
2	A review on the application of deep learning for CT reconstruction, bone segmentation and surgical planning in oral and maxillofacial surgery.. <i>Dentomaxillofacial Radiology</i> , <b>2022</b> , 20210437	3.9	1
1	Comparative dosimetry of radiography device, MSCT device and two CBCT devices in the elbow region. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 22, 128-138	2.3	0