

Reinhilde Jacobs

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.

556 papers	16,485 citations	68 h-index	100 g-index
587 ext. papers	19,293 ext. citations	3.6 avg, IF	6.81 L-index

#	Paper	IF	Citations
556	Effective dose range for dental cone beam computed tomography scanners. <i>European Journal of Radiology</i> , 2012 , 81, 267-71	4.7	404
555	Comparison between effective radiation dose of CBCT and MSCT scanners for dentomaxillofacial applications. <i>European Journal of Radiology</i> , 2009 , 71, 461-8	4.7	360
554	Maxillary bone resorption in patients with mandibular implant-supported overdentures or fixed prostheses. <i>Journal of Prosthetic Dentistry</i> , 1993 , 70, 135-40	4	278
553	A comparative evaluation of Cone Beam Computed Tomography (CBCT) and Multi-Slice CT (MSCT) Part I. On subjective image quality. <i>European Journal of Radiology</i> , 2010 , 75, 265-9	4.7	253
552	State-of-the-art on cone beam CT imaging for preoperative planning of implant placement. <i>Clinical Oral Investigations</i> , 2006 , 10, 1-7	4.2	237
551	Accuracy of implant placement based on pre-surgical planning of three-dimensional cone-beam images: a pilot study. <i>Journal of Clinical Periodontology</i> , 2007 , 34, 816-21	7.7	236
550	Cone beam computed tomography in implant dentistry: a systematic review focusing on guidelines, indications, and radiation dose risks. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014 , 29 Suppl, 55-77	2.8	180
549	E.A.O. guidelines for the use of diagnostic imaging in implant dentistry 2011. A consensus workshop organized by the European Association for Osseointegration at the Medical University of Warsaw. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1243-53	4.8	180
548	The relative impact of local and endogenous patient-related factors on implant failure up to the abutment stage. <i>Clinical Oral Implants Research</i> , 2002 , 13, 617-22	4.8	180
547	CBCT-based bone quality assessment: are Hounsfield units applicable?. <i>Dentomaxillofacial Radiology</i> , 2015 , 44, 20140238	3.9	172
546	Biologic outcome of implant-supported restorations in the treatment of partial edentulism. part I: a longitudinal clinical evaluation. <i>Clinical Oral Implants Research</i> , 2002 , 13, 381-9	4.8	153
545	Accuracy of computer-aided implant placement. <i>Clinical Oral Implants Research</i> , 2012 , 23 Suppl 6, 112-23	4.8	150
544	A comparative evaluation of Cone Beam Computed Tomography (CBCT) and Multi-Slice CT (MSCT). Part II: On 3D model accuracy. <i>European Journal of Radiology</i> , 2010 , 75, 270-4	4.7	143
543	Comparison of two cone beam computed tomographic systems versus panoramic imaging for localization of impacted maxillary canines and detection of root resorption. <i>European Journal of Orthodontics</i> , 2011 , 33, 93-102	3.3	139
542	E.A.O. guidelines for the use of diagnostic imaging in implant dentistry. A consensus workshop organized by the European Association for Osseointegration in Trinity College Dublin. <i>Clinical Oral Implants Research</i> , 2002 , 13, 566-70	4.8	138
541	Comparative localized linear accuracy of small-field cone-beam CT and multislice CT for alveolar bone measurements. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 105, 512-8		137
540	Quantification of metal artifacts on cone beam computed tomography images. <i>Clinical Oral Implants Research</i> , 2013 , 24 Suppl A100, 94-9	4.8	131

539	Appearance, location, course, and morphology of the mandibular incisive canal: an assessment on spiral CT scan. <i>Dentomaxillofacial Radiology</i> , 2002 , 31, 322-7	3.9	124
538	Cone beam computed tomography in implant dentistry: recommendations for clinical use. <i>BMC Oral Health</i> , 2018 , 18, 88	3.7	122
537	The use of CT scan based planning for oral rehabilitation by means of implants and its transfer to the surgical field: a critical review on accuracy. <i>Journal of Oral Rehabilitation</i> , 2008 , 35, 454-74	3.4	122
536	Estimation of paediatric organ and effective doses from dental cone beam CT using anthropomorphic phantoms. <i>British Journal of Radiology</i> , 2012 , 85, 153-60	3.4	119
535	Modern dental imaging: a review of the current technology and clinical applications in dental practice. <i>European Radiology</i> , 2010 , 20, 2637-55	8	117
534	Role of periodontal ligament receptors in the tactile function of teeth: a review. <i>Journal of Periodontal Research</i> , 1994 , 29, 153-67	4.3	116
533	Assessment of bone segmentation quality of cone-beam CT versus multislice spiral CT: a pilot study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006 , 102, 225-34		113
532	Analysis of intensity variability in multislice and cone beam computed tomography. <i>Clinical Oral Implants Research</i> , 2011 , 22, 873-9	4.8	111
531	Dental age estimation through volume matching of teeth imaged by cone-beam CT. <i>Forensic Science International</i> , 2006 , 159 Suppl 1, S78-83	2.6	111
530	Predisposing conditions for retrograde peri-implantitis, and treatment suggestions. <i>Clinical Oral Implants Research</i> , 2005 , 16, 599-608	4.8	109
529	Detection of periodontal bone loss using digital intraoral and cone beam computed tomography images: an in vitro assessment of bony and/or infrabony defects. <i>Dentomaxillofacial Radiology</i> , 2008 , 37, 252-60	3.9	108
528	Assessment of variations of the mandibular canal through cone beam computed tomography. <i>Clinical Oral Investigations</i> , 2012 , 16, 387-93	4.2	107
527	Diagnosing osteoporosis by using dental panoramic radiographs: the OSTEODENT project. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 104, 821-8		106
526	Accuracy of drilling guides for transfer from three-dimensional CT-based planning to placement of zygoma implants in human cadavers. <i>Clinical Oral Implants Research</i> , 2003 , 14, 131-6	4.8	106
525	Bone quality assessment based on cone beam computed tomography imaging. <i>Clinical Oral Implants Research</i> , 2009 , 20, 767-71	4.8	105
524	The nasopalatine canal revisited using 2D and 3D CT imaging. <i>Dentomaxillofacial Radiology</i> , 2004 , 33, 396-402	3.9	105
523	Presence and course of the incisive canal in the human mandibular interforaminal region: two-dimensional imaging versus anatomical observations. <i>Surgical and Radiologic Anatomy</i> , 2003 , 25, 416-23	1.4	104
522	A biomechanical assessment of the relation between the oral implant stability at insertion and subjective bone quality assessment. <i>Journal of Clinical Periodontology</i> , 2007 , 34, 359-66	7.7	101

521	Diagnostic validity (or acuity) of 2D CCD versus 3D CBCT-images for assessing periodontal breakdown. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 104, 395-401		101
520	Root resorption of the maxillary lateral incisor caused by impacted canine: a literature review. <i>Clinical Oral Investigations</i> , 2009 , 13, 247-55	4.2	100
519	Image quality vs radiation dose of four cone beam computed tomography scanners. <i>Dentomaxillofacial Radiology</i> , 2008 , 37, 309-18	3.9	100
518	Cone-beam CT in paediatric dentistry: DIMITRA project position statement. <i>Pediatric Radiology</i> , 2018 , 48, 308-316	2.8	99
517	Computer-supported implant planning and guided surgery: a narrative review. <i>Clinical Oral Implants Research</i> , 2015 , 26 Suppl 11, 69-76	4.8	98
516	A randomized clinical trial comparing guided implant surgery (bone- or mucosa-supported) with mental navigation or the use of a pilot-drill template. <i>Journal of Clinical Periodontology</i> , 2014 , 41, 717-23	7.7	96
515	Appearance of the mandibular incisive canal on panoramic radiographs. <i>Surgical and Radiologic Anatomy</i> , 2004 , 26, 329-33	1.4	96
514	Possible action mechanism for curcumin in pre-cancerous lesions based on serum and salivary markers of oxidative stress. <i>Journal of Oral Science</i> , 2010 , 52, 251-6	1.5	95
513	Long-term bone mass evaluation of mandible and lumbar spine in a group of women receiving hormone replacement therapy. <i>European Journal of Oral Sciences</i> , 1996 , 104, 10-16	2.3	95
512	The reliability of pocket probing around screw-type implants. <i>Clinical Oral Implants Research</i> , 1991 , 2, 186-92	4.8	90
511	Variability of dental cone beam CT grey values for density estimations. <i>British Journal of Radiology</i> , 2013 , 86, 20120135	3.4	89
510	Neurovascularization of the anterior jaw bones revisited using high-resolution magnetic resonance imaging. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 103, 683-93		88
509	Human dental age estimation by calculation of pulp-tooth volume ratios yielded on clinically acquired cone beam computed tomography images of monoradicular teeth. <i>Journal of Forensic Sciences</i> , 2011 , 56 Suppl 1, S77-82	1.8	86
508	Oral stereognosis: a review of the literature. <i>Clinical Oral Investigations</i> , 1998 , 2, 3-10	4.2	83
507	Influence of scanning and reconstruction parameters on quality of three-dimensional surface models of the dental arches from cone beam computed tomography. <i>Clinical Oral Investigations</i> , 2010 , 14, 303-10	4.2	81
506	Tooth loss and osteoporosis: the OSTEODENT Study. <i>Journal of Clinical Periodontology</i> , 2009 , 36, 190-7	7.7	79
505	Macro- and micro-anatomical, histological and computed tomography scan characterization of the nasopalatine canal. <i>Journal of Clinical Periodontology</i> , 2009 , 36, 598-603	7.7	78
504	Predictability of a three-dimensional planning system for oral implant surgery. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 105-111	3.9	78

503	The use of leucocyte and platelet-rich fibrin in socket management and ridge preservation: a split-mouth, randomized, controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2016 , 43, 990-999	7.7	78
502	Accuracy assessment of computer-assisted flapless implant placement in partial edentulism. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 398-403	7.7	76
501	A pragmatic approach to determine the optimal kVp in cone beam CT: balancing contrast-to-noise ratio and radiation dose. <i>Dentomaxillofacial Radiology</i> , 2014 , 43, 20140059	3.9	75
500	Comparison of spatial and contrast resolution for cone-beam computed tomography scanners. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012 , 114, 127-35	2	75
499	From osseoperception to implant-mediated sensory-motor interactions and related clinical implications. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 282-92	3.4	74
498	Peri-implant bone tissue assessment by comparing the outcome of intra-oral radiograph and cone beam computed tomography analyses to the histological standard. <i>Clinical Oral Implants Research</i> , 2011 , 22, 492-9	4.8	73
497	Lingual foramina on the mandibular midline revisited: a macroanatomical study. <i>Clinical Anatomy</i> , 2007 , 20, 246-51	2.5	73
496	Accuracy in osteoporosis diagnosis of a combination of mandibular cortical width measurement on dental panoramic radiographs and a clinical risk index (OSIRIS): the OSTEODENT project. <i>Bone</i> , 2007 , 40, 223-9	4.7	72
495	Imaging technique selection for the preoperative planning of oral implants: a review of the literature. <i>Clinical Implant Dentistry and Related Research</i> , 2002 , 4, 156-72	3.9	72
494	Relationship between cortical bone thickness or computerized tomography-derived bone density values and implant stability. <i>Clinical Oral Implants Research</i> , 2010 , 21, 612-7	4.8	71
493	Clinical assessment and surgical implications of anatomic challenges in the anterior mandible. <i>Clinical Implant Dentistry and Related Research</i> , 2003 , 5, 219-25	3.9	71
492	A prospective split-mouth comparative study of two screw-shaped self-tapping pure titanium implant systems. <i>Clinical Oral Implants Research</i> , 2000 , 11, 202-9	4.8	71
491	Posterior jaw bone resorption in osseointegrated implant-supported overdentures. <i>Clinical Oral Implants Research</i> , 1992 , 3, 63-70	4.8	71
490	In-vitro comparison of 2 cone-beam computed tomography systems and panoramic imaging for detecting simulated canine impaction-induced external root resorption in maxillary lateral incisors. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009 , 136, 764.e1-11; discussion 764-5	2.1	70
489	Accuracy assessment of three-dimensional surface reconstructions of teeth from cone beam computed tomography scans. <i>Journal of Oral Rehabilitation</i> , 2010 , 37, 352-8	3.4	69
488	An infected jawbone site compromising successful osseointegration. <i>Periodontology 2000</i> , 2003 , 33, 129-44	12.9	68
487	Wound Healing Problems in the Mouth. <i>Frontiers in Physiology</i> , 2016 , 7, 507	4.6	68
486	Dental stem cells and their promising role in neural regeneration: an update. <i>Clinical Oral Investigations</i> , 2013 , 17, 1969-83	4.2	67

485	Biologic outcome of implant-supported restorations in the treatment of partial edentulism. Part 2: a longitudinal radiographic study. <i>Clinical Oral Implants Research</i> , 2002 , 13, 390-5	4.8	67
484	Use of cone beam computed tomography in implant dentistry: current concepts, indications and limitations for clinical practice and research. <i>Periodontology 2000</i> , 2017 , 73, 51-72	12.9	66
483	The clinical use of deproteinized bovine bone mineral on bone regeneration in conjunction with immediate implant installation. <i>Clinical Oral Implants Research</i> , 2000 , 11, 210-6	4.8	64
482	Influence of inflammatory reactions vs. occlusal loading on peri-implant marginal bone level. <i>Advances in Dental Research</i> , 1999 , 13, 130-5	2.3	64
481	The accuracy and reliability of radiographic methods for the assessment of marginal bone level around oral implants. <i>Dentomaxillofacial Radiology</i> , 2011 , 31, 176-181	3.9	64
480	Salivary stress markers, stress, and periodontitis: a pilot study. <i>Journal of Periodontology</i> , 2011 , 82, 287-296	4.2	63
479	Automated osteoporosis risk assessment by dentists: a new pathway to diagnosis. <i>Bone</i> , 2007 , 40, 835-42	4.7	63
478	Different techniques of static/dynamic guided implant surgery: modalities and indications. <i>Periodontology 2000</i> , 2014 , 66, 214-27	12.9	62
477	Basic training requirements for the use of dental CBCT by dentists: a position paper prepared by the European Academy of DentoMaxilloFacial Radiology. <i>Dentomaxillofacial Radiology</i> , 2014 , 43, 20130291	3.9	60
476	Can preoperative imaging help to predict postoperative outcome after wisdom tooth removal? A randomized controlled trial using panoramic radiography versus cone-beam CT. <i>Clinical Oral Investigations</i> , 2014 , 18, 335-42	4.2	60
475	Comparison of 6 cone-beam computed tomography systems for image quality and detection of simulated canine impaction-induced external root resorption in maxillary lateral incisors. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 140, e129-39	2.1	60
474	Editor's Summary and Q&A. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009 , 136, 764-765	2.1	60
473	Effect of controlled early implant loading on bone healing and bone mass in guinea pigs, as assessed by micro-CT and histology. <i>European Journal of Oral Sciences</i> , 2006 , 114, 232-42	2.3	60
472	The immediate rehabilitation by means of a ready-made final fixed prosthesis in the edentulous mandible: a 1-year follow-up study on 50 consecutive patients. <i>Clinical Oral Implants Research</i> , 2004 , 15, 360-5	4.8	60
471	Comparative evaluation of the oral tactile function by means of teeth or implant-supported prostheses. <i>Clinical Oral Implants Research</i> , 1991 , 2, 75-80	4.8	60
470	Morphology and dimensions of the mandibular jaw bone in the interforaminal region in patients requiring implants in the distal areas. <i>Clinical Oral Implants Research</i> , 2003 , 14, 280-5	4.8	59
469	Effective radiation dose and eye lens dose in dental cone beam CT: effect of field of view and angle of rotation. <i>British Journal of Radiology</i> , 2014 , 87, 20130654	3.4	58
468	Development and applicability of a quality control phantom for dental cone-beam CT. <i>Journal of Applied Clinical Medical Physics</i> , 2011 , 12, 3478	2.3	58

467	Dosimetry of digital panoramic imaging. Part I: Patient exposure. <i>Dentomaxillofacial Radiology</i> , 2005 , 34, 145-9	3.9	57
466	Comparative study of image quality for MSCT and CBCT scanners for dentomaxillofacial radiology applications. <i>Radiation Protection Dosimetry</i> , 2008 , 129, 222-6	0.9	56
465	Novel low-dose protocols using cone beam computed tomography in dental medicine: a review focusing on indications, limitations, and future possibilities. <i>Clinical Oral Investigations</i> , 2019 , 23, 2573-2581	4.2	55
464	The use of visual assessment of dental radiographs for identifying women at risk of having osteoporosis: the OSTEODENT project. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 106, 285-93		55
463	Observer performance in diagnosing osteoporosis by dental panoramic radiographs: results from the osteoporosis screening project in dentistry (OSPD). <i>Bone</i> , 2008 , 43, 209-213	4.7	55
462	Neurovascular anatomical variations in the anterior palate observed on CBCT images. <i>Clinical Oral Implants Research</i> , 2013 , 24, 1044-8	4.8	54
461	Optimization of dental CBCT exposures through mAs reduction. <i>Dentomaxillofacial Radiology</i> , 2015 , 44, 20150108	3.9	53
460	Artefact expression associated with several cone-beam computed tomographic machines when imaging root filled teeth. <i>International Endodontic Journal</i> , 2015 , 48, 994-1000	5.4	52
459	Validity of 2D lateral cephalometry in orthodontics: a systematic review. <i>Progress in Orthodontics</i> , 2013 , 14, 31	3.4	52
458	Accuracy and surgical feasibility of a CBCT-based stereolithographic surgical guide aiding autotransplantation of teeth: in vitro validation. <i>Journal of Oral Rehabilitation</i> , 2010 , 37, 854-9	3.4	51
457	Oral mucosal versus cutaneous sensory testing: a review of the literature. <i>Journal of Oral Rehabilitation</i> , 2002 , 29, 923-50	3.4	51
456	Predictability of reformatted computed tomography for pre-operative planning of endosseous implants. <i>Dentomaxillofacial Radiology</i> , 1999 , 28, 37-41	3.9	51
455	A comparative evaluation of cone beam CT and micro-CT on trabecular bone structures in the human mandible. <i>Dentomaxillofacial Radiology</i> , 2013 , 42, 20130145	3.9	50
454	Neurosensory disturbances after immediate loading of implants in the anterior mandible: an initial questionnaire approach followed by a psychophysical assessment. <i>Clinical Oral Investigations</i> , 2006 , 10, 269-77	4.2	50
453	Radiographic predictors for maxillary canine impaction. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015 , 147, 345-54	2.1	49
452	Depth and lateral deviations in guided implant surgery: an RCT comparing guided surgery with mental navigation or the use of a pilot-drill template. <i>Clinical Oral Implants Research</i> , 2015 , 26, 1315-20	4.8	49
451	Systematic review of the incidence of inferior alveolar nerve injury in bilateral sagittal split osteotomy and the assessment of neurosensory disturbances. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2015 , 44, 447-51	2.9	49
450	Salivary biomarkers for oral cancer and pre-cancer screening: a review. <i>Clinical Oral Investigations</i> , 2018 , 22, 633-640	4.2	49

449	Three-dimensional cephalometric analysis in orthodontics: a systematic review. <i>Orthodontics and Craniofacial Research</i> , 2014 , 17, 69-91	3	49
448	Validation of the cone beam computed tomography-based stereolithographic surgical guide aiding autotransplantation of teeth: clinical case-control study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013 , 115, 667-75	2	49
447	Three-dimensional printed final occlusal splint for orthognathic surgery: design and validation. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2017 , 46, 67-71	2.9	49
446	Prediction of bone mineral density with dental radiographs. <i>Bone</i> , 2007 , 40, 1217-21	4.7	49
445	Comparative assessment of panoramic radiography and CBCT imaging for radiodiagnostics in the posterior maxilla. <i>Clinical Oral Investigations</i> , 2014 , 18, 293-300	4.2	48
444	Volumetric analysis of extraction sockets using cone beam computed tomography: a pilot study on ex vivo jaw bone. <i>Journal of Clinical Periodontology</i> , 2007 , 34, 985-90	7.7	48
443	Radiation dose vs. image quality for low-dose CT protocols of the head for maxillofacial surgery and oral implant planning. <i>Radiation Protection Dosimetry</i> , 2005 , 117, 211-6	0.9	48
442	Histological, histomorphometrical, and radiological evaluation of an experimental implant design with a high insertion torque. <i>Clinical Oral Implants Research</i> , 2010 , 21, 877-84	4.8	46
441	Dose distribution for dental cone beam CT and its implication for defining a dose index. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 583-93	3.9	46
440	The mandibular cortex on radiographs as a tool for osteoporosis risk assessment: the OSTEODENT Project. <i>Journal of Clinical Densitometry</i> , 2007 , 10, 138-46	3.5	46
439	An assessment on spiral CT scan of the superior and inferior genial spinal foramina and canals. <i>Surgical and Radiologic Anatomy</i> , 2006 , 28, 98-104	1.4	46
438	Impact of systemic diseases and medication on osseointegration. <i>Periodontology 2000</i> , 2003 , 33, 163-71	12.9	46
437	Evaluation of the psychophysical detection threshold level for vibrotactile and pressure stimulation of prosthetic limbs using bone anchorage or soft tissue support. <i>Prosthetics and Orthotics International</i> , 2000 , 24, 133-42	1.5	46
436	3-dimensional analysis of regenerative endodontic treatment outcome. <i>Journal of Endodontics</i> , 2015 , 41, 317-24	4.7	45
435	Methodology of oral sensory tests. <i>Journal of Oral Rehabilitation</i> , 2002 , 29, 720-30	3.4	45
434	The diagnostic efficacy of cone beam CT for impacted teeth and associated features: a systematic review. <i>Journal of Oral Rehabilitation</i> , 2011 , 38, 208-16	3.4	44
433	Salivary 8-hydroxy-2-deoxyguanosine, malondialdehyde, vitamin C, and vitamin E in oral pre-cancer and cancer: diagnostic value and free radical mechanism of action. <i>Clinical Oral Investigations</i> , 2016 , 20, 315-9	4.2	43
432	Estimating cancer risk from dental cone-beam CT exposures based on skin dosimetry. <i>Physics in Medicine and Biology</i> , 2014 , 59, 3877-91	3.8	43

431	Biologic outcome of single-implant restorations as tooth replacements: a long-term follow-up study. <i>Clinical Implant Dentistry and Related Research</i> , 2000 , 2, 209-18	3.9	43
430	Quantitative evaluation of metal artifacts using different CBCT devices, high-density materials and field of views. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1509-1514	4.8	42
429	Preoperative radiologic planning of implant surgery in compromised patients. <i>Periodontology 2000</i> , 2003 , 33, 12-25	12.9	42
428	Marginal bone loss around implants retaining hinging mandibular overdentures, at 4-, 8- and 12-years follow-up. <i>Journal of Clinical Periodontology</i> , 2001 , 28, 628-33	7.7	42
427	Accuracy of linear measurements using three imaging modalities: two lateral cephalograms and one 3D model from CBCT data. <i>European Journal of Orthodontics</i> , 2015 , 37, 202-8	3.3	41
426	Diagnostic value of 2D and 3D imaging in odontogenic maxillary sinusitis: a review of literature. <i>Journal of Oral Rehabilitation</i> , 2012 , 39, 294-300	3.4	41
425	Are panoramic images reliable in planning sinus augmentation procedures?. <i>Clinical Oral Implants Research</i> , 2011 , 22, 189-94	4.8	41
424	A split-mouth comparative study up to 16 years of two screw-shaped titanium implant systems. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 1119-27	7.7	41
423	Potential occupational health problems for dentists in Flanders, Belgium. <i>Clinical Oral Investigations</i> , 2006 , 10, 8-16	4.2	41
422	Attitude of the Belgian dentist population towards radiation protection. <i>Dentomaxillofacial Radiology</i> , 2004 , 33, 334-9	3.9	41
421	Dental cone beam computed tomography: justification for use in planning oral implant placement. <i>Periodontology 2000</i> , 2014 , 66, 203-13	12.9	40
420	Feasibility and validation of virtual autopsy for dental identification using the Interpol dental codes. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2013 , 20, 248-54	1.7	40
419	Adenosine deaminase in saliva as a diagnostic marker of squamous cell carcinoma of tongue. <i>Clinical Oral Investigations</i> , 2011 , 15, 347-9	4.2	40
418	Proinflammatory cytokine levels in oral lichen planus, oral leukoplakia, and oral submucous fibrosis. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2015 , 41, 171-5	1.6	39
417	A Systematic Review to Uncover a Universal Protocol for Accuracy Assessment of 3-Dimensional Virtually Planned Orthognathic Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 2430-2440	1.8	37
416	Prediction of osteoporosis with dental radiographs and age. <i>Dentomaxillofacial Radiology</i> , 2009 , 38, 431-7	3.9	37
415	Void detection in root fillings using intraoral analogue, intraoral digital and cone beam CT images. <i>International Endodontic Journal</i> , 2009 , 42, 675-85	5.4	37
414	The role of the dental surgeon in detecting osteoporosis: the OSTEODENT study. <i>British Dental Journal</i> , 2008 , 204, E16; discussion 560-1	1.2	37

413	Osteoporosis detection using intraoral densitometry. <i>Dentomaxillofacial Radiology</i> , 2008 , 37, 282-7	3.9	37
412	Radiographic Planning and Assessment of Endosseous Oral Implants 1998 ,		37
411	CBCT in orthodontics: a systematic review on justification of CBCT in a paediatric population prior to orthodontic treatment. <i>European Journal of Orthodontics</i> , 2019 , 41, 381-389	3.3	37
410	Perioperative validation of localisation of the mental foramen. <i>Dentomaxillofacial Radiology</i> , 2019 , 31, 39-43	3.9	36
409	Detecting reduced bone mineral density from dental radiographs using statistical shape models. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007 , 11, 601-10		35
408	Comparison between implant-supported prostheses and teeth regarding passive threshold level. <i>International Journal of Oral and Maxillofacial Implants</i> , 1993 , 8, 549-54	2.8	35
407	Radiomics and Machine Learning in Oral Healthcare. <i>Proteomics - Clinical Applications</i> , 2020 , 14, e1900040	4.1	34
406	Digital technologies to support planning, treatment, and fabrication processes and outcome assessments in implant dentistry. Summary and consensus statements. The 4th EAO consensus conference 2015. <i>Clinical Oral Implants Research</i> , 2015 , 26 Suppl 11, 97-101	4.8	34
405	Inferior alveolar nerve sensory disturbance after impacted mandibular third molar evaluation using cone beam computed tomography and panoramic radiography: a pilot study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012 , 70, 2264-70	1.8	34
404	Evaluation of speech in patients rehabilitated with various oral implant-supported prostheses. <i>Clinical Oral Implants Research</i> , 2001 , 12, 167-73	4.8	34
403	Digital method for quantification of circumferential periodontal bone level using cone beam CT. <i>Clinical Oral Investigations</i> , 2013 , 17, 389-96	4.2	33
402	Changes in mandibular cortical width measurements with age in men and women. <i>Osteoporosis International</i> , 2011 , 22, 1915-25	5.3	33
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