

Hendrik Terheyden

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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.

71 papers	3,129 citations	33 h-index	55 g-index
77 ext. papers	3,470 ext. citations	3.9 avg, IF	4.81 L-index

#	Paper	IF	Citations
71	Open versus closed treatment of fractures of the mandibular condylar process-a prospective randomized multi-centre study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2006 , 34, 306-14	3.6	208
70	Man as living bioreactor: fate of an exogenously prepared customized tissue-engineered mandible. <i>Biomaterials</i> , 2006 , 27, 3163-7	15.6	198
69	Bone formation in the presence of platelet-rich plasma vs. bone morphogenetic protein-7. <i>Bone</i> , 2004 , 34, 80-90	4.7	152
68	Open reduction and internal fixation versus closed treatment and mandibulomaxillary fixation of fractures of the mandibular condylar process: a randomized, prospective, multicenter study with special evaluation of fracture level. <i>Journal of Oral and Maxillofacial Surgery</i> , 2008 , 66, 2537-44	1.8	145
67	Osseointegration--communication of cells. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1127-35	4.8	139
66	Prospective observation of 41 perforations of the Schneiderian membrane during sinus floor elevation. <i>Clinical Oral Implants Research</i> , 2008 , 19, 1285-9	4.8	133
65	Sinus floor augmentation with simultaneous placement of dental implants using a combination of deproteinized bone xenografts and recombinant human osteogenic protein-1. A histometric study in miniature pigs. <i>Clinical Oral Implants Research</i> , 1999 , 10, 510-21	4.8	120
64	Maxillary sinus floor augmentation with Bio-Oss or Bio-Oss mixed with autogenous bone as graft: a systematic review. <i>Clinical Oral Implants Research</i> , 2012 , 23, 263-73	4.8	100
63	Bone augmentation procedures in localized defects in the alveolar ridge: clinical results with different bone grafts and bone-substitute materials. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009 , 24 Suppl, 218-36	2.8	88
62	Molecular leakage at implant-abutment connection--in vitro investigation of tightness of internal conical implant-abutment connections against endotoxin penetration. <i>Clinical Oral Investigations</i> , 2010 , 14, 427-32	4.2	87
61	Facial attractiveness: visual impact of symmetry increases significantly towards the midline. <i>Annals of Plastic Surgery</i> , 2007 , 59, 156-62	1.7	82
60	Mandibular reconstruction with a prefabricated vascularized bone graft using recombinant human osteogenic protein-1: an experimental study in miniature pigs. Part I: Prefabrication. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2001 , 30, 373-9	2.9	79
59	Mandibular reconstruction with prefabricated vascularized bone grafts using recombinant human osteogenic protein-1: an experimental study in miniature pigs. Part II: transplantation. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2001 , 30, 469-78	2.9	77
58	Survival of transplanted rat bone marrow-derived osteogenic stem cells in vivo. <i>Tissue Engineering - Part A</i> , 2011 , 17, 1147-56	3.9	72
57	Volumetric changes of the graft after maxillary sinus floor augmentation with Bio-Oss and autogenous bone in different ratios: a radiographic study in minipigs. <i>Clinical Oral Implants Research</i> , 2012 , 23, 902-10	4.8	65
56	Sinus floor augmentation with simultaneous placement of dental implants in the presence of platelet-rich plasma or recombinant human bone morphogenetic protein-7. <i>Clinical Oral Implants Research</i> , 2004 , 15, 716-23	4.8	65
55	Use of a new cross-linked collagen membrane for the treatment of dehiscence-type defects at titanium implants: a prospective, randomized-controlled double-blinded clinical multicenter study. <i>Clinical Oral Implants Research</i> , 2009 , 20, 742-9	4.8	62

54	Particulated bone grafts--effectiveness of bone cell supply. <i>Clinical Oral Implants Research</i> , 2004 , 15, 205-12	4.8	61
53	Three-dimensional cultivation of human osteoblast-like cells on highly porous natural bone mineral. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 51, 703-10		61
52	Gender and nasal shape: measures for rhinoplasty. <i>Plastic and Reconstructive Surgery</i> , 2008 , 121, 629-637	7.7	59
51	Two techniques for the preparation of cell-scaffold constructs suitable for sinus augmentation: steps into clinical application. <i>Tissue Engineering</i> , 2006 , 12, 2649-56		59
50	Mandibular reconstruction in miniature pigs with prefabricated vascularized bone grafts using recombinant human osteogenic protein-1: A preliminary study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1999 , 28, 461-463	2.9	59
49	The mechanical integrity of in vivo engineered heterotopic bone. <i>Biomaterials</i> , 2006 , 27, 1081-7	15.6	58
48	Bone graft versus BMP-7 in a critical size defect--cranioplasty in a growing infant model. <i>Bone</i> , 2005 , 37, 563-9	4.7	49
47	Analysis of the osseous/metal interface of drill free screws and self-tapping screws. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2001 , 29, 69-74	3.6	46
46	A prospective, randomized pilot study on the safety and efficacy of recombinant human growth and differentiation factor-5 coated onto tricalcium phosphate for sinus lift augmentation. <i>Clinical Oral Implants Research</i> , 2010 , 21, 1301-8	4.8	45
45	Mandibular reconstruction in miniature pigs with prefabricated vascularized bone grafts using recombinant human osteogenic protein-1: a preliminary study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1999 , 28, 461-463	2.9	44
44	Histological evaluation of maxillary sinus floor augmentation with recombinant human growth and differentiation factor-5-coated tricalcium phosphate: results of a multicenter randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2011 , 38, 966-74	7.7	42
43	Peri-implantitis and its prevention. <i>Clinical Oral Implants Research</i> , 2019 , 30, 150-155	4.8	42
42	Cell-to-cell communication--periodontal regeneration. <i>Clinical Oral Implants Research</i> , 2015 , 26, 229-39	4.8	41
41	Detection of mature collagen in human dental enamel. <i>Calcified Tissue International</i> , 2005 , 76, 121-6	3.9	40
40	Effects of bone morphogenetic protein-7 stimulation on osteoblasts cultured on different biomaterials. <i>Journal of Cellular Biochemistry</i> , 2002 , 86, 90-8	4.7	39
39	Bone-to-implant contact after maxillary sinus floor augmentation with Bio-Oss and autogenous bone in different ratios in mini pigs. <i>Clinical Oral Implants Research</i> , 2013 , 24, 635-44	4.8	37
38	Carboxymethylcellulose-stabilized collagenous rhOP-1 device-a novel carrier biomaterial for the repair of mandibular continuity defects. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 68, 219-26		33
37	Tissue engineering of a vascularized bone graft of critical size with an osteogenic and angiogenic factor-based in vivo bioreactor. <i>Tissue Engineering - Part A</i> , 2014 , 20, 3189-97	3.9	32

36	Reconstruction of the lower lip: rationale to preserve the aesthetic units of the face. <i>Plastic and Reconstructive Surgery</i> , 2007 , 120, 1231-1239	2.7	27
35	Comparison of collagen membranes and polydioxanone for reconstruction of the orbital floor after fractures. <i>Journal of Craniofacial Surgery</i> , 2010 , 21, 1066-8	1.2	26
34	Single-stage sinus augmentation with cancellous iliac bone and anorganic bovine bone in the presence of platelet-rich plasma in the miniature pig. <i>Clinical Oral Implants Research</i> , 2008 , 19, 373-8	4.8	26
33	Inflammatory reaction - communication of cells. <i>Clinical Oral Implants Research</i> , 2014 , 25, 399-407	4.8	23
32	Cell-to-cell communication in guided bone regeneration: molecular and cellular mechanisms. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1139-1146	4.8	21
31	Antimicrobial peptide coating of dental implants: biocompatibility assessment of recombinant human beta defensin-2 for human cells. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 982-8	2.8	20
30	Oral health-related quality of life and implant therapy: A prospective multicenter study of preoperative, intermediate, and posttreatment assessment. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016 , 44, 753-7	3.6	19
29	Correlation between resonance frequency, insertion torque and bone-implant contact in self-cutting threaded implants. <i>Odontology / the Society of the Nippon Dental University</i> , 2017 , 105, 347-353	3.6	19
28	Missing osteogenic effect of expanded autogenous osteoblast-like cells in a minipig model of sinus augmentation with simultaneous dental implant installation. <i>Clinical Oral Implants Research</i> , 2008 , 19, 497-504	4.8	15
27	The current state of facial prosthetics [A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015 , 43, 1038-41	3.6	14
26	Improvement of microcirculation and wound healing in vertical ridge augmentation after pre-treatment with self-inflating soft tissue expanders - a randomized study in dogs. <i>Clinical Oral Implants Research</i> , 2015 , 26, 720-4	4.8	14
25	Moving the mandible in orthognathic surgery - A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016 , 44, 579-83	3.6	14
24	Prevention of the surface resorption of bone grafts by topical application of bisphosphonate on different carrier materials. <i>Clinical Oral Investigations</i> , 2014 , 18, 2203-11	4.2	14
23	Linear intraoral lesions in the sebaceous nevus syndrome. <i>Journal of the American Academy of Dermatology</i> , 2005 , 52, 62-4	4.5	14
22	RhBMP-7 improves survival and eruption in a growing tooth avulsion trauma model. <i>Bone</i> , 2005 , 37, 570-7	4.7	14
21	Tumor smell reduction with antibacterial essential oils. <i>Cancer</i> , 2004 , 100, 879-80	6.4	13
20	Current concepts in cleft care: A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018 , 46, 705-708	3.6	12
19	Pre-augmentation soft tissue expansion improves scaffold-based vertical bone regeneration - a randomized study in dogs. <i>Clinical Oral Implants Research</i> , 2017 , 28, 640-647	4.8	9

18	Craniectomy and noggin application in an infant model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2007 , 35, 177-84	3.6	9
17	Vascularized iliac crest bone graft for talar defects: case reports. <i>Foot and Ankle International</i> , 2007 , 28, 633-7	3.3	9
16	Experimental computer-assisted alloplastic sandwich augmentation of the atrophic mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 1999 , 57, 1436-40; discussion 1440-1	1.8	8
15	The self adapting washer for lag screw fixation of mandibular fractures: finite element analysis and preclinical evaluation. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 1999 , 27, 58-67	3.6	8
14	Self-adapting washer system for lag screw fixation of mandibular fractures. Part II: In vitro mechanical characterization of 2.3 and 2.7 mm lag screw prototypes and in vivo removal torque after healing. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 1999 , 27, 243-51	3.6	7
13	Facilitators and barriers influencing the readiness to receive dental implants in a geriatric institutionalised population-A randomized non-invasive interventional study. <i>Gerodontology</i> , 2017 , 34, 306-312	2.8	4
12	Particulate Coral Hydroxyapatite Sheltered by Titanium Mesh for Localized Alveolar Rehabilitation After Onlay Graft Failure: A Case Report. <i>Journal of Oral Implantology</i> , 2018 , 44, 147-152	1.2	4
11	Highly porous hydroxyapatite with and without local harvested bone in sinus floor augmentation: a histometric study in pigs. <i>Clinical Oral Implants Research</i> , 2014 , 25, 871-8	4.8	4
10	Wedge excision: treatment of choice in minimal median clefts of the upper lip. <i>Plastic and Reconstructive Surgery</i> , 2004 , 114, 812-4	2.7	4
9	Sandwich osteotomy in atrophic mandibles: A retrospective study with a 2- to 144-month follow-up. <i>Clinical Oral Implants Research</i> , 2019 , 30, 1027-1037	4.8	3
8	Submucosal implantation of soft tissue expanders does not affect microcirculation. <i>Clinical Oral Implants Research</i> , 2014 , 25, 867-70	4.8	3
7	Two Techniques for the Preparation of Cell-Scaffold Constructs Suitable for Sinus Augmentation: Steps into Clinical Application. <i>Tissue Engineering</i> , 2006 , 060913044658006		2
6	Technology-enhanced learning: a role for video animation. <i>British Dental Journal</i> , 2021 , 230, 93-96	1.2	2
5	Interpositional Bone Grafts 2020 , 453-469		1
4	Vertical bone augmentation and regular implants versus short implants in the vertically deficient posterior mandible: a systematic review and meta-analysis of randomized studies. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2021 , 50, 1249-1258	2.9	1
3	Maxillofacial reconstruction 2002 , 157-181		
2	Craniofacial reconstruction with bone morphogenetic proteins 2004 , 133-155		
1	Two Techniques for the Preparation of Cell-Scaffold Constructs Suitable for Sinus Augmentation: Steps into Clinical Application. <i>Tissue Engineering</i> , 2006 , 060810082309001		

