

Hendrik Terheyden

List of Publications by Year in descending order

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73
papers

3,888
citations

117625

34
h-index

123424

61
g-index

77
all docs

77
docs citations

77
times ranked

3605
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 306-314.	1.7	254
2	Man as living bioreactor: Fate of an exogenously prepared customized tissue-engineered mandible†. <i>Biomaterials</i> , 2006, 27, 3163-3167.	11.4	230
3	Osseointegration — communication of cells. <i>Clinical Oral Implants Research</i> , 2012, 23, 1127-1135.	4.5	205
4	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, 2537-2544.	1.2	173
5	Bone formation in the presence of platelet-rich plasma vs. bone morphogenetic protein-7. <i>Bone</i> , 2004, 34, 80-90.	2.9	171
6	Prospective observation of 41 perforations of the Schneiderian membrane during sinus floor elevation. <i>Clinical Oral Implants Research</i> , 2008, 19, 1285-1289.	4.5	164
7	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, 263-273.	4.5	134
8	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, 510-521.	4.5	130
9	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, 427-432.	3.0	105
10	Facial Attractiveness. <i>Annals of Plastic Surgery</i> , 2007, 59, 156-162.	0.9	102
11	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, 469-478.	1.5	100
12	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.	1.4	98
13	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, 902-910.	4.5	88
14	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, 373-379.	1.5	86
15	Survival of Transplanted Rat Bone Marrow-Derived Osteogenic Stem Cells<i>In Vivo</i>. <i>Tissue Engineering - Part A</i> , 2011, 17, 1147-1156.	3.1	81
16	Peri-implantitis and its prevention. <i>Clinical Oral Implants Research</i> , 2019, 30, 150-155.	4.5	81
17	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, 742-749.	4.5	79
18	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, 716-723.	4.5	71

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19	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, 703-710.	3.1	70
20	Particulated bone grafts - effectiveness of bone cell supply. <i>Clinical Oral Implants Research</i> , 2004, 15, 205-212.	4.5	69
21	Gender and Nasal Shape: Measures for Rhinoplasty. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 629-637.	1.4	69
22	Two Techniques for the Preparation of Cell-Scaffold Constructs Suitable for Sinus Augmentation: Steps into Clinical Application. <i>Tissue Engineering</i> , 2006, 12, 2649-2656.	4.6	67
23	The mechanical integrity of in vivo engineered heterotopic bone. <i>Biomaterials</i> , 2006, 27, 1081-1087.	11.4	66
24	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.	1.5	65
25	Cell-to-cell communication " periodontal regeneration. <i>Clinical Oral Implants Research</i> , 2015, 26, 229-239.	4.5	62
26	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.	1.7	61
27	Detection of Mature Collagen in Human Dental Enamel. <i>Calcified Tissue International</i> , 2005, 76, 121-126.	3.1	57
28	Bone graft versus BMP-7 in a critical size defect "Cranioplasty in a growing infant model. <i>Bone</i> , 2005, 37, 563-569.	2.9	53
29	A prospective, randomized pilot study on the safety and efficacy of recombinant human growth and differentiation factor-5 coated onto β -tricalcium phosphate for sinus lift augmentation. <i>Clinical Oral Implants Research</i> , 2010, 21, 1301-1308.	4.5	53
30	Histological evaluation of maxillary sinus floor augmentation with recombinant human growth and differentiation factor-5-coated β -tricalcium phosphate: results of a multicenter randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2011, 38, 966-974.	4.9	52
31	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.	1.5	48
32	Effects of bone morphogenetic protein-7 stimulation on osteoblasts cultured on different biomaterials. <i>Journal of Cellular Biochemistry</i> , 2002, 86, 90-98.	2.6	46
33	Bone-implant contact after maxillary sinus floor augmentation with β -tricalcium phosphate and autogenous bone in different ratios in mini pigs. <i>Clinical Oral Implants Research</i> , 2013, 24, 635-644.	4.5	42
34	Tissue Engineering of a Vascularized Bone Graft of Critical Size with an Osteogenic and Angiogenic Factor-Based <i>In Vivo</i> Bioreactor. <i>Tissue Engineering - Part A</i> , 2014, 20, 3189-3197.	3.1	39
35	Cell-to-cell communication in guided bone regeneration: molecular and cellular mechanisms. <i>Clinical Oral Implants Research</i> , 2017, 28, 1139-1146.	4.5	35
36	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, 68A, 219-226.	3.1	34

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37	Comparison of Collagen Membranes and Polydioxanone for Reconstruction of the Orbital Floor After Fractures. <i>Journal of Craniofacial Surgery</i> , 2010, 21, 1066-1068.	0.7	31
38	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.	1.9	31
39	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, 373-378.	4.5	30
40	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, 982-988.	1.4	30
41	Reconstruction of the Lower Lip: Rationale to Preserve the Aesthetic Units of the Face. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 1231-1239.	1.4	29
42	Inflammatory reaction "communication of cells. <i>Clinical Oral Implants Research</i> , 2014, 25, 399-407.	4.5	26
43	The current state of facial prosthetics "A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1038-1041.	1.7	26
44	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, 753-757.	1.7	25
45	Linear intraoral lesions in the sebaceous nevus syndrome. <i>Journal of the American Academy of Dermatology</i> , 2005, 52, S62-S64.	1.2	18
46	Moving the mandible in orthognathic surgery "A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 579-583.	1.7	18
47	Current concepts in cleft care: A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 705-708.	1.7	18
48	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.	4.5	17
49	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, 720-724.	4.5	17
50	Tumor smell reduction with antibacterial essential oils. <i>Cancer</i> , 2004, 100, 879-880.	4.1	16
51	Prevention of the surface resorption of bone grafts by topical application of bisphosphonate on different carrier materials. <i>Clinical Oral Investigations</i> , 2014, 18, 2203-2211.	3.0	16
52	Prefabricated 3D-Printed Tissue-Engineered Bone for Mandibular Reconstruction: A Preclinical Translational Study in Primate. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5727-5738.	5.2	16
53	RhBMP-7 improves survival and eruption in a growing tooth avulsion trauma model. <i>Bone</i> , 2005, 37, 570-577.	2.9	15
54	Science transfer: oral health and general health "the links between periodontitis, atherosclerosis and diabetes. <i>Journal of Clinical Periodontology</i> , 2015, 42, 1071-1073.	4.9	15

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55	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.	1.5	15
56	Pre-implantation soft tissue expansion improves scaffold-based vertical bone regeneration – a randomized study in dogs. <i>Clinical Oral Implants Research</i> , 2017, 28, 640-647.	4.5	14
57	Technology-enhanced learning: a role for video animation. <i>British Dental Journal</i> , 2021, 230, 93-96.	0.6	13
58	Vascularized Iliac Crest Bone Graft for Talar Defects: Case Reports. <i>Foot and Ankle International</i> , 2007, 28, 633-637.	2.3	11
59	Craniectomy and noggin application in an infant model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2007, 35, 177-184.	1.7	10
60	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.	4.5	10
61	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.	1.7	9
62	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, 243-251.	1.7	9
63	Experimental computer-assisted alloplastic sandwich augmentation of the atrophic mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 1999, 57, 1436-1440.	1.2	8
64	Submucosal implantation of soft tissue expanders does not affect microcirculation. <i>Clinical Oral Implants Research</i> , 2014, 25, 867-870.	4.5	7
65	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.	2.0	6
66	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.	1.0	6
67	WEDGE EXCISION: TREATMENT OF CHOICE IN MINIMAL MEDIAN CLEFTS OF THE UPPER LIP. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 812-814.	1.4	5
68	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, 871-878.	4.5	5
69	Modified Le Fort I interpositional grafting of the severe atrophied maxilla – a retrospective study of 106 patients over 10 years. <i>Clinical Oral Implants Research</i> , 2022, 33, 451-460.	4.5	4
70	Two Techniques for the Preparation of Cell-Scaffold Constructs Suitable for Sinus Augmentation: Steps into Clinical Application. <i>Tissue Engineering</i> , 2006, .	4.6	2
71	Maxillofacial reconstruction. , 2002, , 157-181.		0
72	Craniofacial reconstruction with bone morphogenetic proteins. , 2004, , 133-155.		0

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73	Two Techniques for the Preparation of Cell-Scaffold Constructs Suitable for Sinus Augmentation: Steps into Clinical Application. <i>Tissue Engineering</i> , 2006, .	4.6	0