

Hendrik Terheyden

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Technology-enhanced learning: a role for video animation. <i>British Dental Journal</i> , 2021, 230, 93-96. | 0.6 | 13 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Peri-implantitis and its prevention. <i>Clinical Oral Implants Research</i> , 2019, 30, 150-155. | 4.5 | 81 |
| 7 | Current concepts in cleft care: A multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 705-708. | 1.7 | 18 |
| 8 | 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 |
| 9 | 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. | 4.5 | 14 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Moving the mandible in orthognathic surgery—a multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 579-583. | 1.7 | 18 |
| 14 | 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 |
| 15 | 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 |
| 16 | Cell-to-cell communication—periodontal regeneration. <i>Clinical Oral Implants Research</i> , 2015, 26, 229-239. | 4.5 | 62 |
| 17 | The current state of facial prosthetics—a multicenter analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1038-1041. | 1.7 | 26 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Submucosal implantation of soft tissue expanders does not affect microcirculation. <i>Clinical Oral Implants Research</i> , 2014, 25, 867-870. | 4.5 | 7 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Inflammatory reaction – communication of cells. <i>Clinical Oral Implants Research</i> , 2014, 25, 399-407. | 4.5 | 26 |
| 24 | Bone-implant contact after maxillary sinus floor augmentation with β -TCP and autogenous bone in different ratios in mini pigs. <i>Clinical Oral Implants Research</i> , 2013, 24, 635-644. | 4.5 | 42 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Osseointegration – communication of cells. <i>Clinical Oral Implants Research</i> , 2012, 23, 1127-1135. | 4.5 | 205 |
| 29 | 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 |
| 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 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Gender and Nasal Shape: Measures for Rhinoplasty. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 629-637. | 1.4 | 69 |
| 41 | Facial Attractiveness. <i>Annals of Plastic Surgery</i> , 2007, 59, 156-162. | 0.9 | 102 |
| 42 | 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 |
| 43 | Vascularized Iliac Crest Bone Graft for Talar Defects: Case Reports. <i>Foot and Ankle International</i> , 2007, 28, 633-637. | 2.3 | 11 |
| 44 | Craniectomy and noggin application in an infant model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2007, 35, 177-184. | 1.7 | 10 |
| 45 | 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 |
| 46 | The mechanical integrity of in vivo engineered heterotopic bone. <i>Biomaterials</i> , 2006, 27, 1081-1087. | 11.4 | 66 |
| 47 | Man as living bioreactor: Fate of an exogenously prepared customized tissue-engineered mandible†. <i>Biomaterials</i> , 2006, 27, 3163-3167. | 11.4 | 230 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | Detection of Mature Collagen in Human Dental Enamel. <i>Calcified Tissue International</i> , 2005, 76, 121-126. | 3.1 | 57 |
| 52 | Linear intraoral lesions in the sebaceous nevus syndrome. <i>Journal of the American Academy of Dermatology</i> , 2005, 52, S62-S64. | 1.2 | 18 |
| 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 | 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 |

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|----|--|-----|-----------|
| 55 | Particulated bone grafts - effectiveness of bone cell supply. <i>Clinical Oral Implants Research</i> , 2004, 15, 205-212. | 4.5 | 69 |
| 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, 716-723. | 4.5 | 71 |
| 57 | Tumor smell reduction with antibacterial essential oils. <i>Cancer</i> , 2004, 100, 879-880. | 4.1 | 16 |
| 58 | 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 |
| 59 | Bone formation in the presence of platelet-rich plasma vs. bone morphogenetic protein-7. <i>Bone</i> , 2004, 34, 80-90. | 2.9 | 171 |
| 60 | 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 |
| 61 | Craniofacial reconstruction with bone morphogenetic proteins. , 2004, , 133-155. | | 0 |
| 62 | 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 |
| 63 | Maxillofacial reconstruction. , 2002, , 157-181. | | 0 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | Sinus floor augmentation with simultaneous placement of dental implants using a combination of deproteinized bone xenografts and recombinant human osteogenic protein-I. A histometric study in miniature pigs.. <i>Clinical Oral Implants Research</i> , 1999, 10, 510-521. | 4.5 | 130 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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|----|---|-----|-----------|
| 73 | 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 |