

# Henning Schliephake

## List of Publications by Year in descending order

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83  
papers

3,259  
citations

147566

31  
h-index

155451

55  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a system of heparin multilayers on titanium surfaces for dual growth factor release. Journal of Biomedical Materials Research - Part A, 2022, , .	2.1	2
2	Tailored Polyelectrolyte Multilayer Systems by Variation of Polyelectrolyte Composition and EDC/NHS Cross-Linking: Physicochemical Characterization and In Vitro Evaluation. Nanomaterials, 2022, 12, 2054.	1.9	3
3	Occurrence, associated factors and soft tissue reconstructive therapy for buccal soft tissue dehiscence at dental implants: Consensus report of group 3 of the DGI/SEPA/Osteology Workshop. Clinical Oral Implants Research, 2022, 33, 137-144.	1.9	4
4	Collagen-Based Osteogenic Nanocoating of Microrough Titanium Surfaces. International Journal of Molecular Sciences, 2022, 23, 7803.	1.8	2
5	Cotransplantation of mesenchymal stromal cells and endothelial cells on calcium carbonate and hydroxylapatite scaffolds in vivo. Journal of Cranio-Maxillo-Facial Surgery, 2021, 49, 238-245.	0.7	2
6	Orthodontic incisor decompensation in orthognathic therapy – success and efficiency in three dimensions. Clinical Oral Investigations, 2021, 25, 4001-4010.	1.4	8
7	Predictability of maxillary positioning: a 3D comparison of virtual and conventional orthognathic surgery planning. Head & Face Medicine, 2021, 17, 27.	0.8	5
8	Combined quality of life and posttraumatic growth evaluation during follow-up care of patients suffering from oral squamous cell carcinoma. Molecular and Clinical Oncology, 2021, 15, 189.	0.4	5
9	The use of rhBMP2 for augmentation of established horizontal/vertical defects may require additional use of rhVEGF to achieve significant bone regeneration: An in vivo experimental study. Clinical Oral Implants Research, 2021, 32, 1228-1240.	1.9	4
10	A new approach in three dimensions to define pre- and intraoperative condyle – fossa relationships in orthognathic surgery – is there an effect of general anaesthesia on condylar position?. International Journal of Oral and Maxillofacial Surgery, 2020, 49, 1303-1310.	0.7	8
11	Shallow whole genome sequencing of adenoid cystic carcinomas of the salivary glands identifies specific chromosomal aberrations related to tumor progression. Oral Oncology, 2020, 103, 104615.	0.8	4
12	Quality assessment of systematic reviews on vertical bone regeneration. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 364-372.	0.7	27
13	Biomaterials and regenerative technologies used in bone regeneration in the craniomaxillofacial region: Consensus report of group 2 of the 15th European Workshop on Periodontology on Bone Regeneration. Journal of Clinical Periodontology, 2019, 46, 82-91.	2.3	132
14	Traditional face-bow transfer versus three-dimensional virtual reconstruction in orthognathic surgery. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 347-354.	0.7	26
15	First experience of chick chorioallantoic membrane (CAM) assay in the clinical work flow with oral squamous cell carcinoma patients. Clinical Hemorheology and Microcirculation, 2019, 70, 487-494.	0.9	14
16	Growth Factors. , 2019, , 53-69.		0
17	Experimental variation of the level and the ratio of angiogenic and osteogenic signaling affects the spatiotemporal expression of bone-specific markers and organization of bone formation in ectopic sites. Clinical Oral Investigations, 2018, 22, 1223-1234.	1.4	4
18	Drugs and diseases: Summary and consensus statements of group 1. The 5 <sup>th</sup> EAO Consensus Conference 2018. Clinical Oral Implants Research, 2018, 29, 93-99.	1.9	21

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19	Repair of large saddle defects of the mandibular ridge using dual growth factor releaseâ€”An experimental pilot study in minipigs. <i>Journal of Clinical Periodontology</i> , 2017, 44, 854-863.	2.3	5
20	Clinical prognostic factors of salivary adenoid cystic carcinoma: A single-center analysis of 61 patients. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1784-1787.	0.7	21
21	Osteoblast-like cells with different embryologic origins behave differently in increasing zoledronic acid concentrations: a pilot study in pigs. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 123, 20-28.	0.2	3
22	Presentation of a variation of the chorioallantoic membrane set up as a potential model for individual therapy for squamous cell carcinoma of the oropharynx. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 453-457.	0.9	8
23	Bone Morphogenetic Protein-2 Hybridized with Nano-Anchored Oligonucleotides on Titanium Implants Enhances Osteogenic Differentiation In Vivo. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, e175-e182.	0.6	7
24	Do we need retarded delivery of bone growth factors in facial bone repair? An experimental study in rats. , 2017, 34, 162-179.		8
25	Supportive angiogenic and osteogenic differentiation of mesenchymal stromal cells and endothelial cells in monolayer and co-cultures. <i>International Journal of Oral Science</i> , 2016, 8, 223-230.	3.6	43
26	Clinical efficacy of grafting materials in alveolar ridge augmentation: A systematic review. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1618-1629.	0.7	141
27	Primary stability and osseointegration of dental implants in polylactide modified bone â€” A pilot study in Goettingen minipigs. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1095-1103.	0.7	5
28	Application of Lateral and Distance Spacers in an Oligonucleotide Based Immobilization System for Bioactive Molecules onto Titanium Implants. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3755-3764.	4.0	7
29	Increase of homogenous new bone formation using osteoinductive factor rhGDFâ€”5 during sinus floor augmentation in Goettingen Minipigs. <i>Clinical Oral Implants Research</i> , 2015, 26, 1321-1327.	1.9	6
30	Functionalization of titanium implants using a modular system for binding and release of VEGF enhances boneâ€”implant contact in a rodent model. <i>Journal of Clinical Periodontology</i> , 2015, 42, 302-310.	2.3	24
31	Influence of synthetic polyethylene glycol hydrogels on new bone formation during mandibular augmentation procedures in Goettingen minipigs. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 194.	1.7	8
32	Solvent free production of porous PDLLA/calcium carbonate composite scaffolds improves the release of bone growth factors. <i>Oral and Maxillofacial Surgery</i> , 2015, 19, 133-141.	0.6	11
33	Can piezoelectric ultrasound osteotomies result in serious noise trauma?. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2015, 44, 1355-1361.	0.7	7
34	Continuous delivery of rhBMP2 and rhVEGF165 at a certain ratio enhances bone formation in mandibular defects over the delivery of rhBMP2 alone â€” An experimental study in rats. <i>Journal of Controlled Release</i> , 2015, 220, 201-209.	4.8	22
35	The Pathology of Bone Tissue during Peri-Implantitis. <i>Journal of Dental Research</i> , 2015, 94, 354-361.	2.5	85
36	Clinical Efficacy of Growth Factors to Enhance Tissue Repair in Oral and Maxillofacial Reconstruction: A Systematic Review. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 247-273.	1.6	64

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37	Use of a self-curing resorbable polymer in vertical ridge augmentations – a pilot study in dogs. <i>Clinical Oral Implants Research</i> , 2014, 25, 435-440.	1.9	5
38	Mandibular reconstruction using a calcium phosphate/polyethylene glycol hydrogel carrier with <scp>BMP</scp>. <i>Journal of Clinical Periodontology</i> , 2014, 41, 820-826.	2.3	24
39	Membrane connexin 43 acts as an independent prognostic marker in oral squamous cell carcinoma. <i>International Journal of Oncology</i> , 2014, 45, 273-281.	1.4	40
40	Early loading of surface modified implants in the posterior mandible – 5-year results of an open prospective non-controlled study. <i>Journal of Clinical Periodontology</i> , 2012, 39, 188-195.	2.3	22
41	Effect of oligonucleotide mediated immobilization of bone morphogenic proteins on titanium surfaces. <i>Biomaterials</i> , 2012, 33, 1315-1322.	5.7	33
42	Angiogenic functionalisation of titanium surfaces using nano-anchored VEGF – an in vitro study. , 2012, 23, 161-169.		12
43	Application of bone growth factors – the potential of different carrier systems. <i>Oral and Maxillofacial Surgery</i> , 2010, 14, 17-22.	0.6	36
44	Effect of seeding technique and scaffold material on bone formation in tissue-engineered constructs. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 90A, 429-437.	2.1	22
45	Effect of modifications of dual acid-etched implant surfaces on peri-implant bone formation. Part I: organic coatings. <i>Clinical Oral Implants Research</i> , 2009, 20, 31-37.	1.9	73
46	Ectopic bone formation after implantation of a slow release system of polylactid acid and rhBMP. <i>Clinical Oral Implants Research</i> , 2009, 20, 24-30.	1.9	17
47	Effect of modifications of dual acid-etched implant surfaces on periimplant bone formation. Part II: calcium phosphate coatings. <i>Clinical Oral Implants Research</i> , 2009, 20, 38-44.	1.9	34
48	Bone formation in trabecular bone cell seeded scaffolds used for reconstruction of the rat mandible. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2009, 38, 166-172.	0.7	32
49	Tissue Engineering in Maxillofacial Surgery. , 2009, , 827-837.		2
50	Mandibular bone repair by implantation of rhBMP-2 in a slow release carrier of polylactic acid – An experimental study in rats. <i>Biomaterials</i> , 2008, 29, 103-110.	5.7	94
51	In vitro characterization of three-dimensional scaffolds seeded with human bone marrow stromal cells for tissue engineered growth of bone: mission impossible? A methodological approach. <i>Clinical Oral Implants Research</i> , 2008, 19, 379-386.	1.9	14
52	Sinus floor augmentation with recombinant human growth and differentiation factor-5 (rhGDF-5): a histological and histomorphometric study in the Goettingen miniature pig. <i>Clinical Oral Implants Research</i> , 2008, 19, 522-529.	1.9	40
53	Chemical and biological functionalization of titanium for dental implants. <i>Journal of Materials Chemistry</i> , 2008, 18, 2404.	6.7	111
54	In vitro characterization of a slow release system of polylactic acid and rhBMP2. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 83A, 455-462.	2.1	29

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55	Palate morphology after unilateral and bilateral cleft lip and palate closure. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2006, 35, 25-30.	0.7	15
56	Resonance frequency measurements of implant stability in the dog mandible: experimental comparison with histomorphometric data. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2006, 35, 941-946.	0.7	51
57	Biomimetic calcium phosphate composite coating of dental implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2006, 21, 738-46.	0.6	39
58	Effect of immobilized bone morphogenic protein 2 coating of titanium implants on peri-implant bone formation. <i>Clinical Oral Implants Research</i> , 2005, 16, 563-569.	1.9	125
59	Functionalization of dental implant surfaces using adhesion molecules. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 73B, 88-96.	1.6	125
60	Use of a mineralized collagen membrane to enhance repair of calvarial defects in rats. <i>Clinical Oral Implants Research</i> , 2004, 15, 112-118.	1.9	28
61	Repair of calvarial defects in rats by prefabricated hydroxyapatite cement implants. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 69A, 382-390.	3.0	21
62	Biological performance of biomimetic calcium phosphate coating of titanium implants in the dog mandible. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 64A, 225-234.	2.1	77
63	Imaging of periimplant bone levels of implants with buccal bone defects. <i>Clinical Oral Implants Research</i> , 2003, 14, 193-200.	1.9	29
64	Prognostic relevance of molecular markers of oral cancer – A review. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2003, 32, 233-245.	0.7	129
65	Prospective evaluation of quality of life after oncologic surgery for oral cancer. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2002, 31, 427-433.	0.7	124
66	Bone growth factors in maxillofacial skeletal reconstruction. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2002, 31, 469-484.	0.7	313
67	Effect of RGD peptide coating of titanium implants on periimplant bone formation in the alveolar crest. <i>Clinical Oral Implants Research</i> , 2002, 13, 312-319.	1.9	148
68	Use of cultivated osteoprogenitor cells to increase bone formation in segmental mandibular defects: an experimental pilot study in sheep. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2001, 30, 531-537.	0.7	88
69	Enhancement of bone regeneration using resorbable ceramics and a polymer-ceramic composite material. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 56, 128-136.	3.0	43
70	Guided bone regeneration around endosseous implants using a resorbable membrane vs a PTFE membrane. <i>Clinical Oral Implants Research</i> , 2000, 11, 230-241.	1.9	47
71	Synthesis of CAD/CAM, robotics and biomaterial implant fabrication: single-step reconstruction in computer aided frontotemporal bone resection*. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2000, 29, 384-388.	0.7	22
72	Synthesis of CAD/CAM, robotics and biomaterial implant fabrication: single-step reconstruction in computer aided frontotemporal bone resection. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2000, 29, 384-388.	0.7	41

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73	Alveolar ridge repair using resorbable membranes and autogenous bone particles with simultaneous placement of implants: an experimental pilot study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2000, 15, 364-73.	0.6	26
74	Long-term results of endosteal implants used for restoration of oral function after oncologic surgery. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1999, 28, 260-265.	0.7	52
75	Long-term results of endosteal implants used for restoration of oral function after oncologic surgery. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1999, 28, 260-5.	0.7	10
76	Experimental reconstruction of the mandible using polylactic acid tubes and basic fibroblast growth factor in alloplastic scaffolds. <i>Journal of Oral and Maxillofacial Surgery</i> , 1998, 56, 616-626.	0.5	20
77	Speech, deglutition and life quality after intraoral tumour resection. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1998, 27, 99-105.	0.7	81
78	Mandibular onlay grafting using prefabricated bone grafts with primary implant placement: an experimental study in minipigs. <i>International Journal of Oral and Maxillofacial Implants</i> , 1998, 13, 384-93.	0.6	7
79	Use of sequential bone scintigraphy for monitoring onlay grafts to grossly atrophic jaws.. <i>Dentomaxillofacial Radiology</i> , 1997, 26, 117-124.	1.3	6
80	Vertical ridge augmentation using polylactic membranes in conjunction with immediate implants in periodontally compromised extraction sites: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 1997, 12, 325-34.	0.6	23
81	Prospective study of the quality of life of cancer patients after intraoral tumor surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 1996, 54, 664-669.	0.5	74
82	Determination of the 3-D morphology of degradable biopolymer implants undergoing in vivo resorption. <i>Journal of Biomedical Materials Research Part B</i> , 1993, 27, 991-998.	3.0	15
83	Metal release from titanium fixtures during placement in the mandible: an experimental study. <i>International Journal of Oral and Maxillofacial Implants</i> , 1993, 8, 502-11.	0.6	89