Rainer Schmelzeisen

List of Publications by Citations

29 papers	708 citations	11 h-index	26 g-index
33 ext. papers	818 ext. citations	3 avg, IF	3.5 L-index

#	Paper	IF	Citations
29	Biofunctional rapid prototyping for tissue-engineering applications: 3D bioplotting versus 3D printing. *Journal of Polymer Science Part A*, **2004**, 42, 624-638	2.5	200
28	Navigation-aided reconstruction of medial orbital wall and floor contour in cranio-maxillofacial reconstruction. *Injury*, **2004**, 35, 955-62	2.5	146
27	Making bone: implant insertion into tissue-engineered bone for maxillary sinus floor augmentation-a preliminary report. *Journal of Cranio-Maxillo-Facial Surgery*, **2003**, 31, 34-9	3.6	118
26	Is the presence of keratinized mucosa associated with periimplant tissue health? A clinical cross-sectional analysis. *International Journal of Implant Dentistry*, **2015**, 1, 11	2.8	38
25	Magnetic resonance imaging of intraoral hard and soft tissues using an intraoral coil and FLASH sequences. *European Radiology*, **2016**, 26, 4616-4623	8	29
24	Primary wound closure after tooth extraction for prevention of medication-related osteonecrosis of the jaw in patients under denosumab. *Clinical Oral Investigations*, **2017**, 21, 127-134	4.2	23
23	Making bone II: maxillary sinus augmentation with mononuclear cells--case report with a new clinical method. *British Journal of Oral and Maxillofacial Surgery*, **2011**, 49, 480-2	1.4	20
22	Follow-up of implant survival comparing ficoll and bone marrow aspirate concentrate methods for hard tissue regeneration with mesenchymal stem cells in humans. *BioResearch Open Access*, **2014**, 3, 75-6	2.4	19
21	Treatment of stage II medication-related osteonecrosis of the jaw with necrosectomy and autologous bone marrow mesenchymal stem cells. *Odontology / the Society of the Nippon Dental University*, **2017**, 105, 484-493	3.6	15
20	Moving the mandible in orthognathic surgery - A multicenter analysis. *Journal of Cranio-Maxillo-Facial Surgery*, **2016**, 44, 579-83	3.6	14
19	Zoledronate induces osteonecrosis of the jaw in sheep. *Journal of Cranio-Maxillo-Facial Surgery*, **2015**, 43, 1133-8	3.6	12
18	Dental implants in immunocompromised patients: a systematic review and meta-analysis. *International Journal of Implant Dentistry*, **2019**, 5, 43	2.8	11
17	Zoledronate induces bisphosphonate-related osteonecrosis of the jaw in osteopenic sheep. *Clinical Oral Investigations*, **2016**, 20, 31-8	4.2	10
16	Outcome and complications after treatment of facial fractures at different times in polytrauma patients. *Journal of Cranio-Maxillo-Facial Surgery*, **2018**, 46, 283-287	3.6	8
15	Clipping of tumour resection margins allows accurate target volume delineation in head and neck cancer adjuvant radiation therapy. *Radiotherapy and Oncology*, **2015**, 116, 82-6	5.3	7
14	Tooth extractions in patients under antiresorptive therapy for osteoporosis: Primary closure of the extraction socket with a mucoperiosteal flap versus application of platelet-rich fibrin for the prevention of antiresorptive agent-related osteonecrosis of the jaw. *Journal of Cranio-Maxillo-Facial Surgery*, **2020**, 48, 444-451	3.6	7
13	Vascularized scapula and latissimus dorsi flap for CAD/CAM assisted reconstruction of mandibular defects including the mandibular condyle: technical report and clinical results. *BMC Surgery*, **2019**, 19, 67	2.3	7

List of Publications

12	Predicting and Promoting Human Bone Marrow MSC Chondrogenesis by Way of TGF Receptor Profiles: Toward Personalized Medicine. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 618	5.8	5
11	Catching condyle - Endoscopic-assisted transoral open reduction and rigid fixation of condylar process fractures using an auto reposition and fixation osteosynthesis plate. *Journal of Cranio-Maxillo-Facial Surgery*, **2019**, 47, 778-785	3.6	4
10	A prospective histomorphometric and cephalometric comparison of bovine bone substitute and autogenous bone grafting in Le Fort I osteotomies. *Journal of Cranio-Maxillo-Facial Surgery*, **2019**, 47, 233-238	3.6	4
9	Analysis of the accuracy of a novel preformed osteosynthesis plate for the reduction and fixation of zygomaticomaxillary complex fractures. *Journal of Cranio-Maxillo-Facial Surgery*, **2019**, 47, 951-958	3.6	3
8	Microvascular anastmomosis in oral reconstructive surgery: a cmomparative study of recipient vessels between Japanese and German patients. *International Journal of Oral and Maxillofacial Surgery*, **1999**, 28, 387-392	2.9	2
7	Necrotizing fasciitis as a complication of osteonecrosis of the jaw related to oral bisphosphonate application in a patient with osteoporosis: a case report. *Oral and Maxillofacial Surgery*, **2019**, 23, 83-89	1.6	2
6	Intraoperative marking of the tumour resection surface for improved radiation therapy planning in head and neck cancer: preclinical evaluation of a novel liquid fiducial marker. *Dentomaxillofacial Radiology*, **2021**, 50, 20200290	3.9	2
5	High Potential of Bacterial Adhesion on Block Bone Graft Materials. *Materials*, **2020**, 13,	3.5	1
4	The Role of von Willebrand Factor in Microvascular Surgery in Severely Injured Patients. *Plastic and Reconstructive Surgery - Global Open*, **2021**, 9, e3836	1.2	
3	Evaluation of computed tomography settings in the context of visualization and discrimination of low dose injections of a novel liquid soft tissue fiducial marker in head and neck imaging. *BMC Medical Imaging*, **2021**, 21, 157	2.9	
2	??????:Computer-aided planning, 3D positioning and intraoperative imaging in reconstructive and orthognathic surgery. *The Japanese Journal of Jaw Deformities*, **2012**, 22, 45-46	0.1	
1	Stem Cell-Based Therapies. *Current Therapies in Regenerative Medicine*, **2013**, 193-240		