

Jeroen Van Dessel

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

690
citations

471509

17
h-index

580821

25
g-index

45
all docs

45
docs citations

45
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	3-dimensional Analysis of Regenerative Endodontic Treatment Outcome. <i>Journal of Endodontics</i> , 2015, 41, 317-324.	3.1	59
2	Leucocyte- and platelet-rich fibrin block for bone augmentation procedure: A proof-of-concept study. <i>Journal of Clinical Periodontology</i> , 2018, 45, 624-634.	4.9	52
3	Volumetric changes of grafted volumes and the Schneiderian membrane after transcrestal and lateral sinus floor elevation procedures: A clinical, pilot study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 660-671.	4.9	47
4	Delay aversion in attention deficit/hyperactivity disorder is mediated by amygdala and prefrontal cortex hyperactivation. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 888-899.	5.2	43
5	Accuracy and reliability of different cone beam computed tomography (CBCT) devices for structural analysis of alveolar bone in comparison with multislice CT and micro-CT. <i>European Journal of Oral Implantology</i> , 2017, 10, 95-105.	1.2	37
6	Effect of different platelet-rich fibrin matrices for ridge preservation in multiple tooth extractions: A split-mouth randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2021, 48, 984-995.	4.9	34
7	Evaluation of Threshold Values for Root Canal Filling Voids in Micro-CT and Nano-CT Images. <i>Scanning</i> , 2018, 2018, 1-6.	1.5	30
8	Sensory innervation around immediately vs. delayed loaded implants: a pilot study. <i>International Journal of Oral Science</i> , 2015, 7, 49-55.	8.6	28
9	The amygdala in adolescents with attention-deficit/hyperactivity disorder: Structural and functional correlates of delay aversion. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 673-684.	2.6	27
10	Zoledronic Acid Induces Site-Specific Structural Changes and Decreases Vascular Area in the Alveolar Bone. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 1893-1901.	1.2	26
11	Validation of a novel imaging approach using multi-slice CT and cone-beam CT to follow-up on condylar remodeling after bimaxillary surgery. <i>International Journal of Oral Science</i> , 2017, 9, 139-144.	8.6	23
12	Validating cone-beam computed tomography for peri-implant bone morphometric analysis. <i>Bone Research</i> , 2014, 2, 14010.	11.4	22
13	Bovine-derived xenograft in combination with autogenous bone chips versus xenograft alone for the augmentation of bony dehiscences around oral implants: A randomized, controlled, split-mouth clinical trial. <i>Journal of Clinical Periodontology</i> , 2020, 47, 110-119.	4.9	21
14	Quantification of bone quality using different cone beam computed tomography devices: Accuracy assessment for edentulous human mandibles. <i>European Journal of Oral Implantology</i> , 2016, 9, 411-424.	1.2	21
15	Effects of Immediate and Delayed Loading on Peri-implant Trabecular Structures: A Cone Beam CT Evaluation. <i>Clinical Implant Dentistry and Related Research</i> , 2014, 16, 873-883.	3.7	20
16	Failure analysis of an in-vivo fractured patient-specific Ti6Al4V mandible reconstruction plate fabricated by selective laser melting. <i>Engineering Failure Analysis</i> , 2021, 124, 105353.	4.0	20
17	Relationship between trabecular bone architecture and early dental implant failure in the posterior region of the mandible. <i>Clinical Oral Implants Research</i> , 2020, 31, 153-161.	4.5	18
18	A systematic review on the innervation of peri-implant tissues with special emphasis on the influence of implant placement and loading protocols. <i>Clinical Oral Implants Research</i> , 2015, 26, 737-746.	4.5	17

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19	Biomechanical comparison of locking and non-locking patient-specific mandibular reconstruction plate using finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104849.	3.1	15
20	Presurgical CBCT assessment of maxillary neurovascularization in relation to maxillary sinus augmentation procedures and posterior implant placement. <i>Surgical and Radiologic Anatomy</i> , 2014, 36, 915-924.	1.2	14
21	Computer-based automatic classification of trabecular bone pattern can assist radiographic bone quality assessment at dental implant site. <i>British Journal of Radiology</i> , 2018, 91, 20180437.	2.2	14
22	Effect of platelet-rich plasma on peri-implant trabecular bone volume and architecture: A preclinical micro-CT study in beagle dogs. <i>Clinical Oral Implants Research</i> , 2019, 30, 1190-1199.	4.5	14
23	Preclinical study of additive manufactured plates with shortened lengths for complete mandible reconstruction: Design, biomechanics simulation, and fixation stability assessment. <i>Computers in Biology and Medicine</i> , 2021, 139, 105008.	7.0	11
24	Waiting impulsivity: a distinctive feature of ADHD neuropsychology?. <i>Child Neuropsychology</i> , 2019, 25, 122-129.	1.3	8
25	Task-related motivation and academic achievement in children and adolescents with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2021, 30, 131-141.	4.7	8
26	Effect of platelet-rich and platelet-poor plasma on peri-implant innervation in dog mandibles. <i>International Journal of Implant Dentistry</i> , 2019, 5, 40.	2.7	8
27	Long-term survival of implant-based oral rehabilitation following maxillofacial reconstruction with vascularized bone flap. <i>International Journal of Implant Dentistry</i> , 2022, 8, 15.	2.7	8
28	On Speech Problems with Fixed Restorations on Implants in the Edentulous Maxilla: Introduction of a Novel Management Concept. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, e745-50.	3.7	7
29	Long-term functional outcomes of vascularized fibular and iliac flap for mandibular reconstruction: A systematic review and meta-analysis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 247-258.	1.0	6
30	Peri-implant myelinated nerve fibers: Histological findings in dogs. <i>Journal of Periodontal Research</i> , 2020, 55, 567-573.	2.7	4
31	In vivo quantification of mandibular bone remodeling and vascular changes in a Wistar rat model: A novel HR-MRI and micro-CT fusion technique. <i>Imaging Science in Dentistry</i> , 2020, 50, 199.	1.8	4
32	A Retrospective Analysis of a Cohort of Patients Treated With Immune Checkpoint Blockade in Recurrent/Metastatic Head and Neck Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 761428.	2.8	4
33	Measuring individual differences in task-related motivation in children and adolescents: Development and validation of a new self-report measure. <i>International Journal of Methods in Psychiatric Research</i> , 2019, 28, e1787.	2.1	3
34	Application of Three-Dimensional Printed Customized Surgical Plates for Mandibular Reconstruction: Report of Consecutive Cases and Long-Term Postoperative Evaluation. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e663-e667.	0.7	3
35	Adherence to Computer-Assisted Surgical Planning in 136 Maxillofacial Reconstructions. <i>Frontiers in Oncology</i> , 2021, 11, 713606.	2.8	3
36	3D quantification of in vivo orthodontic tooth movement in rats by means of micro-computed tomography. <i>Clinical Oral Investigations</i> , 2022, 26, 3911-3920.	3.0	3

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37	Effect of platelet-rich and platelet-poor plasma on 3D bone-to-implant contact: a preclinical micro-CT study. <i>International Journal of Implant Dentistry</i> , 2021, 7, 11.	2.7	2
38	Dissociating brain systems that respond to contingency and valence during monetary loss avoidance in adolescence. <i>Brain and Cognition</i> , 2021, 150, 105723.	1.8	2
39	The Effectiveness of Surgical Methods for Trismus Release at Least 6 Months After Head and Neck Cancer Treatment: Systematic Review. <i>Frontiers in Oral Health</i> , 2021, 2, 810288.	3.0	2
40	Retrospective study on the predictive factors in chronic trismus. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2022, 60, 183-189.	0.8	1
41	The Limits of Motivational Influence in ADHD: No Evidence for an Altered Reaction to Negative Reinforcement. <i>Social Cognitive and Affective Neuroscience</i> , 2021, , .	3.0	0
42	Value of six comorbidity scales for predicting survival of patients with primary surgery for oral squamous cell carcinoma. <i>Head and Neck</i> , 2022, 44, 1142-1152.	2.0	0
43	The predictive and prognostic value of weight loss and body composition prior to and during treatment with immune checkpoint inhibitors in patients with recurrent or metastatic head and neck cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, e18027-e18027.	1.6	0