Joke Duyck

List of Publications by Year in descending order

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73	3,262	159358	149479
papers	citations	30 h-index	56 g-index

74	74	74	3735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Latent Ornsteinâ€Uhlenbeck models for Bayesian analysis of multivariate longitudinal categorical responses. Biometrics, 2021, 77, 689-701.	0.8	4
2	Development of practice guidelines for daily oral care in careâ€dependent older adults to complement the InterRAI suite of instruments using a modified Delphi approach. International Journal of Older People Nursing, 2021, 16, e12351.	0.6	9
3	Clinical Oral Disorders in Adults Screening Protocol (CODAâ€SP) from the 2019 Vancouver IADR Consensus Symposium. Gerodontology, 2021, 38, 5-16.	0.8	1
4	Assessment of oral health in older adults by non-dental professional caregiversâ€"development and validation of a photograph-supported oral healthâ€"related section for the interRAI suite of instruments. Clinical Oral Investigations, 2021, 25, 3475-3486.	1.4	8
5	Modeling local dependence in latent vector autoregressive models. Biostatistics, 2021, 22, 148-163.	0.9	3
6	Oral healthcare delivery in institutionalised older people: A healthâ€economic evaluation. Gerodontology, 2021, , .	0.8	3
7	Assessment of oral health conditions presented in photographs - is there a difference between dentists and non-dental professional caregivers?. BMC Oral Health, 2020, 20, 188.	0.8	3
8	Can the interRAI home care instrument be applied to the definition criteria of the Global Leadership Initiative on Malnutrition (GLIM)? A longitudinal study. Clinical Nutrition, 2020, 39, 3477-3482.	2.3	4
9	A Graphical Exploration of Oral Health-Related Quality of Life: Resident vs Caregiver Perceptions. Journal of the American Medical Directors Association, 2019, 20, 1180-1182.	1.2	0
10	The oral healthâ€related section of the interRAI: Evaluation of test content validity by expert rating and assessment of potential reasons for inaccurate assessments based on focus group discussions with caregivers. Gerodontology, 2019, 36, 382-394.	0.8	15
11	Cross-Country Validation of the Association Between Oral Health and General Health in Community-Dwelling Older Adults. Journal of the American Medical Directors Association, 2019, 20, 1137-1142.e2.	1.2	13
12	A randomized controlled clinical trial comparing guided with nonguided implant placement: A 3-year follow-up of implant-centered outcomes. Journal of Prosthetic Dentistry, 2019, 121, 904-910.	1.1	14
13	Effect of high-frequency loading and parathyroid hormone administration on peri-implant bone healing and osseointegration. International Journal of Oral Science, 2018, 10, 6.	3.6	29
14	Predictors of Patient Satisfaction with Removable Denture Renewal: A Pilot Study. Journal of Prosthodontics, 2018, 27, 509-516.	1.7	11
15	Association between oral health and general health indicators in older adults. Scientific Reports, 2018, 8, 8871.	1.6	21
16	The effect of L-PRF membranes on bone healing in rabbit tibiae bone defects: micro-CT and biomarker results. Scientific Reports, 2017, 7, 46452.	1.6	34
17	Titanium implant functionalization with phosphateâ€containing polymers may favour in vivo osseointegration. Journal of Clinical Periodontology, 2017, 44, 950-960.	2.3	8
18	A robust methodology for the quantitative assessment of the rat jawbone microstructure. International Journal of Oral Science, 2017, 9, 87-94.	3.6	18

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19	Phosphorylated Pullulan Coating Enhances Titanium Implant Osseointegration in a Pig Model. International Journal of Oral and Maxillofacial Implants, 2017, 32, 282-290.	0.6	8
20	Osteogenetic Effect of Low-Magnitude High-Frequency Loading and Parathyroid Hormone on Implant Interface in Osteoporosis. , 2017, , 269-277.		0
21	Impact of Denture Cleaning Method and Overnight Storage Condition on Denture Biofilm Mass and Composition: A Cross-Over Randomized Clinical Trial. PLoS ONE, 2016, 11, e0145837.	1.1	53
22	Risk Factors for Malnutrition in Older Adults: A Systematic Review of the Literature Based on Longitudinal Data. Advances in Nutrition, 2016, 7, 507-522.	2.9	387
23	An oral health survey of vulnerable older people in Belgium. Clinical Oral Investigations, 2016, 20, 1903-1912.	1.4	31
24	Effect of insertion torque on titanium implant osseointegration: an animal experimental study. Clinical Oral Implants Research, 2015, 26, 191-196.	1.9	43
25	The proportion of cancellous bone as predictive factor for early marginal bone loss around implants in the posterior part of the mandible. Clinical Oral Implants Research, 2015, 26, 1051-1059.	1.9	31
26	Titanium implants with modified surfaces: Meta-analysis of in vivo osteointegration. Materials Science and Engineering C, 2015, 49, 152-158.	3.8	30
27	Micro-CT analysis of the rodent jaw bone micro-architecture: A systematic review. Bone Reports, 2015, 2, 14-24.	0.2	47
28	Prevention of distal extension cantilever fracture in mandibular overdentures. Journal of Dentistry, 2015, 43, 1140-1147.	1.7	6
29	Dental Implant Macroâ€Design Features Can Impact the Dynamics of Osseointegration. Clinical Implant Dentistry and Related Research, 2015, 17, 639-645.	1.6	23
30	Missing Oral Health-Related Data in the interRAI-HC - Associations with Selected Variables of General Health and the Effect of Multiple Imputation on the Relationship between Oral and General Health. PLoS ONE, 2015, 10, e0146065.	1.1	8
31	Stimulation of Titanium Implant Osseointegration Through High-Frequency Vibration Loading is Enhanced when Applied at High Acceleration. Calcified Tissue International, 2014, 95, 467-475.	1.5	18
32	Bone tissue response to implant surfaces functionalized with phosphateâ€containing polymers. Clinical Oral Implants Research, 2014, 25, 91-100.	1.9	9
33	Peri- and intra-implant bone response to microporous Ti coatings with surface modification. Acta Biomaterialia, 2014, 10, 986-995.	4.1	63
34	Modified Titanium Surface-Mediated Effects on Human Bone Marrow Stromal Cell Response. Materials, 2013, 6, 5533-5548.	1.3	3
35	In VitroandIn VivoInvestigation of the Potential of Amorphous Microporous Silica as a Protein Delivery Vehicle. BioMed Research International, 2013, 2013, 1-10.	0.9	7
36	In vivoassessment of the effect of controlled high- and low-frequency mechanical loading on peri-implant bone healing. Journal of the Royal Society Interface, 2012, 9, 1697-1704.	1.5	21

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37	Occlusal overload and bone/implant loss. Clinical Oral Implants Research, 2012, 23, 95-107.	1.9	122
38	Bone tissue response to <scp>BMP</scp>â€2 adsorbed on amorphous microporous silica implants. Journal of Clinical Periodontology, 2012, 39, 1206-1213.	2.3	7
39	Enhancement of Implant Osseointegration by High-Frequency Low-Magnitude Loading. PLoS ONE, 2012, 7, e40488.	1.1	15
40	3D characterization of bone strains in the rat tibia loading model. Biomechanics and Modeling in Mechanobiology, 2012, 11, 403-410.	1.4	33
41	Use of micro-CT-based finite element analysis to accurately quantify peri-implant bone strains: a validation in rat tibiae. Biomechanics and Modeling in Mechanobiology, 2012, 11, 743-750.	1.4	30
42	Direct Highâ€Frequency Stimulation of Periâ€implant Rabbit Bone: A Pilot Study. Clinical Implant Dentistry and Related Research, 2012, 14, 558-564.	1.6	6
43	Positive Effect of Whole-Body Vibration Loading on Peri-Implant Bone Healing and Implant Osseointegration. , 2012, , 349-351.		1
44	Establishment of an In Vivo Model for Molecular Assessment of Titanium Implant Osseointegration in Compromised Bone. Tissue Engineering - Part C: Methods, 2011, 17, 311-318.	1.1	10
45	The effect of whole-body vibration on peri-implant bone healing in rats. Clinical Oral Implants Research, 2011, 22, 302-307.	1.9	42
46	Peri-implant bone tissue assessment by comparing the outcome of intra-oral radiograph and cone beam computed tomography analyses to the histological standard. Clinical Oral Implants Research, 2011, 22, 492-499.	1.9	86
47	Influence of whole-body vibration time on peri-implant bone healing: a histomorphometrical animal study. Journal of Clinical Periodontology, 2011, 38, 180-185.	2.3	35
48	Bone Tissue Response to Porous and Functionalized Titanium and Silica Based Coatings. PLoS ONE, 2011, 6, e24186.	1.1	31
49	Histological, histomorphometrical, and radiological evaluation of an experimental implant design with a high insertion torque. Clinical Oral Implants Research, 2010, 21, 877-884.	1.9	61
50	Impact of implant number, distribution and prosthesis material on loading on implants supporting fixed prostheses. Journal of Oral Rehabilitation, 2010, 37, 525-531.	1.3	55
51	Mechanical Loading Affects Angiogenesis and Osteogenesis in an In Vivo Bone Chamber: A Modeling Study. Tissue Engineering - Part A, 2010, 16, 3353-3361.	1.6	18
52	Early cortical bone healing around loaded titanium implants: a histological study in the rabbit. Clinical Oral Implants Research, 2009, 20, 126-134.	1.9	29
53	Bone quality assessment based on cone beam computed tomography imaging. Clinical Oral Implants Research, 2009, 20, 767-771.	1.9	127
54	Application of mechanoregulatory models to simulate peri-implant tissue formation in an in vivo bone chamber. Journal of Biomechanics, 2008, 41, 145-154.	0.9	42

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55	Effect of Implant Surface Roughness and Loading on Periâ€Implant Bone Formation. Journal of Periodontology, 2008, 79, 150-157.	1.7	58
56	Early Trabecular Bone Healing Around Titanium Implants: A Histologic Study in Rabbits. Journal of Periodontology, 2007, 78, 510-517.	1.7	50
57	The effect of micro-motion on the tissue response around immediately loaded roughened titanium implants in the rabbit. European Journal of Oral Sciences, 2007, 115, 21-29.	0.7	76
58	Histodynamics of bone tissue formation around immediately loaded cylindrical implants in the rabbit. Clinical Oral Implants Research, 2007, 18, 471-480.	1.9	50
59	Influence of controlled immediate loading and implant design on peri-implant bone formation. Journal of Clinical Periodontology, 2007, 34, 172-81.	2.3	53
60	Effect of intermittent loading and surface roughness on peri-implant bone formation in a bone chamber model. Journal of Clinical Periodontology, 2007, 34, 998-1006.	2.3	51
61	Early Cellular Responses in Cortical Bone Healing Around Unloaded Titanium Implants: An Animal Study. Journal of Periodontology, 2006, 77, 1015-1024.	1.7	60
62	Biologic Response of Immediately versus Delayed Loaded Implants Supporting Ill-Fitting Prostheses: An Animal Study. Clinical Implant Dentistry and Related Research, 2005, 7, 150-158.	1.6	31
63	Implant design and interface force transfer. Clinical Oral Implants Research, 2004, 15, 249-257.	1.9	124
64	A repeated sampling bone chamber methodology for the evaluation of tissue differentiation and bone adaptation around titanium implants under controlled mechanical conditions. Journal of Biomechanics, 2004, 37, 1819-1822.	0.9	32
65	Peri-implant bone tissue strains in cases of dehiscence: a finite element study. Clinical Oral Implants Research, 2002, 13, 327-333.	1.9	30
66	Biologic outcome of implant-supported restorations in the treatment of partial edentulism. Clinical Oral Implants Research, 2002, 13, 381-389.	1.9	186
67	Influence of prosthesis fit and the effect of a luting system on the prosthetic connection preload: an in vitro study. International Journal of Prosthodontics, 2002, 15, 389-96.	0.7	12
68	The influence of static and dynamic loading on marginal bone reactions around osseointegrated implants: an animal experimental study. Clinical Oral Implants Research, 2001, 12, 207-218.	1.9	312
69	Evaluation of Factors Influencing the Marginal Bone Stability around Implants in the Treatment of Partial Edentulism. Clinical Implant Dentistry and Related Research, 2001, 3, 30-38.	1.6	22
70	Magnitude and distribution of occlusal forces on oral implants supporting fixed prostheses: an in vivo study. Clinical Oral Implants Research, 2000, 11, 465-475.	1.9	155
71	Biologie Outcome of Single-Implant Restorations as Tooth Replacements: A Long-term Follow-up Study. Clinical Implant Dentistry and Related Research, 2000, 2, 209-218.	1.6	50
72	The influence of bone mechanical properties and implant fixation upon bone loading around oral implants. Clinical Oral Implants Research, 1998, 9, 407-418.	1.9	174

#	Article	IF	Citations
73	Loading Protocols and Clinical Outcomes. , 0, , 311-332.		0