

KÄ±vanÃ§ AkÃ§a

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,020
citations

201674

27
h-index

265206

42
g-index

74
all docs

74
docs citations

74
times ranked

1855
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Failure of Endocrowns Manufactured with Different Ceramic Materials: An In Vitro Biomechanical Study. <i>Journal of Prosthodontics</i> , 2018, 27, 340-346.	3.7	39
2	Numerical assessment of bone remodeling around conventionally and early loaded titanium and titanium-zirconium alloy dental implants. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 453-462.	2.8	12
3	Effect of digitizing techniques on the fit of implant-retained crowns with different antirotational abutment features. <i>Journal of Prosthetic Dentistry</i> , 2014, 111, 367-372.	2.8	15
4	A Pilot Study of Joint Stability at the Zirconium or Titanium Abutment/Titanium Implant Interface. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014, 29, 338-343.	1.4	35
5	Predicting bone remodeling around tissue- and bone-level dental implants used in reduced bone width. <i>Journal of Biomechanics</i> , 2013, 46, 2250-2257.	2.1	21
6	Low-level laser therapy vs. pulsed electromagnetic field on neonatal rat calvarial osteoblast-like cells. <i>Lasers in Medical Science</i> , 2013, 28, 901-909.	2.1	14
7	CAD/CAM Glass Ceramics for Single-Tooth Implant Crowns. <i>Implant Dentistry</i> , 2013, 22, 623-626.	1.3	0
8	Immediate Versus Conventional Loading of Implant-Supported Maxillary Overdentures: A Finite Element Stress Analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e57-e63.	1.4	5
9	Early-Loaded One-Stage Implants Retaining Mandibular Overdentures by Two Different Mechanisms: 5-Year Results. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 824-830.	1.4	20
10	A Prospective, Open-Ended, Single-Cohort Clinical Trial on Early Loaded Titanium-Zirconia Alloy Implants in Partially Edentulous Patients: Up-to-24-Month Results. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 573-578.	1.4	11
11	Comparative Assessments, Meta-Analysis, and Recommended Guidelines for Reporting Studies on Histomorphometric Bone-Implant Contact in Humans. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 1243-1253.	1.4	27
12	The Effects of Pulsed Electromagnetic Field (PEMF) on Osteoblast-Like Cells Cultured on Titanium and Titanium-Zirconium Surfaces. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 2127-2134.	0.7	6
13	Efficacy of Resonance Frequency Analysis in the Diagnosis of Compromised Bone-Implant Interface. <i>Implant Dentistry</i> , 2012, 21, 394-398.	1.3	9
14	Fatigue Resistance of 2 Different CAD/CAM Glass-Ceramic Materials Used for Single-Tooth Implant Crowns. <i>Implant Dentistry</i> , 2011, 20, 374-378.	1.3	7
15	A randomized controlled clinical trial of feldspathic versus glass-infiltrated alumina all-ceramic crowns: a 3-year follow-up. <i>International Journal of Prosthodontics</i> , 2011, 24, 77-84.	1.7	13
16	Marginal Bone Level Changes and Prosthetic Maintenance of Mandibular Overdentures Supported by 2 Implants: A 5-Year Randomized Clinical Trial. <i>Clinical Implant Dentistry and Related Research</i> , 2010, 12, 114-121.	3.7	35
17	Numerical simulation of the effect of time-to-loading on peri-implant bone. <i>Medical Engineering and Physics</i> , 2010, 32, 7-13.	1.7	7
18	Predicting time-dependent remodeling of bone around immediately loaded dental implants with different designs. <i>Medical Engineering and Physics</i> , 2010, 32, 22-31.	1.7	27

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19	Spontaneous early exposure and marginal bone loss around conventionally and earlyâ€placed submerged implants: a doubleâ€blind study. <i>Clinical Oral Implants Research</i> , 2010, 21, 1327-1333.	4.5	10
20	Torque-fitting and resonance frequency analyses of implants in conventional sockets versus controlled bone defects in vitro. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2010, 39, 169-173.	1.5	14
21	A systematic review of marginal bone loss around implants retaining or supporting overdentures. <i>International Journal of Oral and Maxillofacial Implants</i> , 2010, 25, 266-77.	1.4	54
22	CAD/CAM Zirconia vs. slip-cast glass-infiltrated Alumina/Zirconia all-ceramic crowns: 2-year results of a randomized controlled clinical trial. <i>Journal of Applied Oral Science</i> , 2009, 17, 49-55.	1.8	85
23	Freshâ€frozen vs. embalmed bone: is it possible to use formalinâ€fixed human bone for biomechanical experiments on implants?. <i>Clinical Oral Implants Research</i> , 2009, 20, 521-525.	4.5	29
24	Implant stability and bone density: assessment of correlation in fresh cadavers using conventional and osteotome implant sockets. <i>Clinical Oral Implants Research</i> , 2009, 20, 1163-1169.	4.5	40
25	Effects of prosthesis design and impression techniques on human cortical bone strain around oral implants under load. <i>Medical Engineering and Physics</i> , 2009, 31, 758-763.	1.7	14
26	Biomechanical Aspects of Bone-Level Diameter Shifting at Implant-Abutment Interface. <i>Implant Dentistry</i> , 2009, 18, 239-248.	1.3	30
27	Human Ex Vivo Bone Tissue Strains Around Immediately-Loaded Implants Supporting Mandibular Fixed Prostheses. <i>Implant Dentistry</i> , 2009, 18, 162-171.	1.3	5
28	Nonlinear finite element analysis versus ex vivo strain gauge measurements on immediately loaded implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009, 24, 439-46.	1.4	26
29	Numeric simulation of time-dependent remodeling of bone around loaded oral implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009, 24, 597-608.	1.4	4
30	Effect of Compromised Cortical Bone on Implant Load Distribution. <i>Journal of Prosthodontics</i> , 2008, 17, 616-620.	3.7	23
31	A photoelastic and strain-gauge analysis of interface force transmission of internal-cone implants. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2008, 28, 391-9.	1.0	9
32	Two-year prospective follow-up of implant/tooth-supported versus freestanding implant-supported fixed partial dentures. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2008, 28, 593-9.	1.0	7
33	Micro-morphologic changes around biophysically-stimulated titanium implants in ovariectomized rats. <i>Head & Face Medicine</i> , 2007, 3, 28.	2.1	38
34	Primary Stability of Simultaneously Placed Dental Implants in Extraoral Donor Graft Sites: A Human Cadaver Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 400-407.	1.2	35
35	Effect of Surgical Techniques on Primary Implant Stability and Peri-Implant Bone. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 2487-2491.	1.2	55
36	Impact of similarity in chemical composition of light-polymerized resin composites on post-gel strains and interface integrity. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 1053-1060.	3.6	0

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37	Bone strains around apically free versus grafted implants in the posterior maxilla of human cadavers. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 395-402.	2.8	15
38	Bone strains around immediately loaded implants supporting mandibular overdentures in human cadavers. <i>International Journal of Oral and Maxillofacial Implants</i> , 2007, 22, 101-9.	1.4	26
39	Platelet-rich plasma and bone healing: a histologic study in titanium bone chambers. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2007, 27, 387-92.	1.0	1
40	Numerical simulation of in vivo intraosseous torsional failure of a hollow-screw oral implant. <i>Head & Face Medicine</i> , 2006, 2, 36.	2.1	8
41	Implant-tooth-supported fixed partial prostheses: correlations between in vivo occlusal bite forces and marginal bone reactions. <i>Clinical Oral Implants Research</i> , 2006, 17, 331-336.	4.5	40
42	Neural response to sandblasted/acid-etched, TiO ₂ -blasted, polished, and mechanochemically polished/nanostructured titanium implant surfaces. <i>Clinical Oral Implants Research</i> , 2006, 17, 541-547.	4.5	2
43	Biomechanical aspects of initial intraosseous stability and implant design: a quantitative micro-morphometric analysis. <i>Clinical Oral Implants Research</i> , 2006, 17, 465-472.	4.5	87
44	Towards the limit of quantifying low-amplitude strains on bone and in coagulum around immediately loaded oral implants in extraction sockets. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 86-94.	2.8	4
45	Biomechanical consequences of progressive marginal bone loss around oral implants: a finite element stress analysis. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 527-535.	2.8	40
46	Implant design and intraosseous stability of immediately placed implants: a human cadaver study. <i>Clinical Oral Implants Research</i> , 2005, 16, 202-209.	4.5	103
47	Humanex vivobone tissue strains around natural teeth vs. immediate oral implants. <i>Clinical Oral Implants Research</i> , 2005, 16, 540-548.	4.5	29
48	Humanex vivobone tissue strains around immediately loaded implants supporting maxillary overdentures. <i>Clinical Oral Implants Research</i> , 2005, 16, 715-722.	4.5	10
49	Superadhesion: Attachment of Nanobacteria to Tissues - Model Simulation. <i>Crystal Growth and Design</i> , 2005, 5, 21-23.	3.0	12
50	Mechanobiology of Bone and Mechanocoupling of Endosseous Titanium Oral Implants. <i>Journal of Long-Term Effects of Medical Implants</i> , 2005, 15, 139-152.	0.7	12
51	Dynamic fatigue resistance of implant-abutment junction in an internally notched morse-taper oral implant: influence of abutment design. <i>Clinical Oral Implants Research</i> , 2004, 15, 459-465.	4.5	67
52	Force transmission of one- and two-piece morse-taper oral implants: a nonlinear finite element analysis. <i>Clinical Oral Implants Research</i> , 2004, 15, 481-489.	4.5	41
53	Fabrication of a screw-retained fixed provisional prosthesis supported by dental implants. <i>Journal of Prosthetic Dentistry</i> , 2004, 91, 293-297.	2.8	9
54	Role of mechanical environment and implant design on bone tissue differentiation: current knowledge and future contexts. <i>Journal of Dentistry</i> , 2004, 32, 123-132.	4.1	88

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55	Accuracy of 2 impression techniques for ITI implants. International Journal of Oral and Maxillofacial Implants, 2004, 19, 517-23.	1.4	38
56	Evaluation of the mechanical characteristics of the implant-abutment complex of a reduced-diameter morse-taper implant. Clinical Oral Implants Research, 2003, 14, 444-454.	4.5	71
57	The Use Of Computerized Tomography for Diagnosis and Treatment Planning in Implant Dentistry. Journal of Oral Implantology, 2002, 28, 29-36.	1.0	21
58	Comparative evaluation of the effect of diameter, length and number of implants supporting three-unit fixed partial prostheses on stress distribution in the bone. Journal of Dentistry, 2002, 30, 41-46.	4.1	114
59	A surgical guide for accurate mesiodistal paralleling of implants in the posterior edentulous mandible. Journal of Prosthetic Dentistry, 2002, 87, 233-235.	2.8	55
60	Tensile strength of type IV dental stones dried in a microwave oven. Journal of Prosthetic Dentistry, 2002, 87, 499-502.	2.8	23
61	Finite element stress analysis of the effect of short implant usage in place of cantilever extensions in mandibular posterior edentulism. Journal of Oral Rehabilitation, 2002, 29, 350-356.	3.0	80
62	Comparison of microleakage properties of three different filling materials. An autoradiographic study. Journal of Oral Rehabilitation, 2002, 29, 1212-1217.	3.0	18
63	One-Year Follow-up of an Implant with Early Radiographic Signs of Loss of Osseointegration: Case Report. Clinical Implant Dentistry and Related Research, 2002, 4, 43-46.	3.7	2
64	A comparison of three-dimensional finite element stress analysis with in vitro strain gauge measurements on dental implants. International Journal of Prosthodontics, 2002, 15, 115-21.	1.7	39
65	Comparison of uniaxial resistance forces of cements used with implant-supported crowns. International Journal of Oral and Maxillofacial Implants, 2002, 17, 536-42.	1.4	42
66	Evaluation of the Effect of the Residual Bone Angulation on Implant-Supported Fixed Prostheses in Mandibular Posterior Edentulism. Part I: Spiral Computed Tomography Study. Implant Dentistry, 2001, 10, 216-222.	1.3	9
67	Evaluation of the Effect of the Residual Bone Angulation on Implant-Supported Fixed Prosthesis in Mandibular Posterior Edentulism Part II: 3-D Finite Element Stress Analysis. Implant Dentistry, 2001, 10, 238-245.	1.3	25
68	Tensile bond strength of ceramic orthodontic brackets bonded to porcelain surfaces. American Journal of Orthodontics and Dentofacial Orthopedics, 2001, 119, 617-620.	1.7	84
69	A Multidisciplinary Approach to Single-tooth, Implant-supported Prostheses: A Report of Three Cases. Journal of Oral Implantology, 2000, 26, 199-203.	1.0	2
70	Comparison of diametral tensile strength of microwave and oven-dried investment materials. Journal of Prosthetic Dentistry, 1999, 82, 286-290.	2.8	15