

Estevam A Bonfante

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/893808/estevam-a-bonfante-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

3,607
citations

32
h-index

51
g-index

195
ext. papers

4,325
ext. citations

3.5
avg, IF

5.37
L-index

#	Paper	IF	Citations
188	Ultra-translucent zirconia processing and aging effect on microstructural, optical, and mechanical properties.. <i>Dental Materials</i> , 2022 ,	5.7	3
187	Residual stress estimated by nanoindentation in pontics and abutments of veneered zirconia fixed dental prostheses.. <i>Journal of Applied Oral Science</i> , 2022 , 30, e20210475	3.3	
186	Survival rates of ultra-short (. <i>Clinical Implant Dentistry and Related Research</i> , 2021 , 23, 904	3.9	0
185	Effect of different tightening protocols on the probability of survival of screw-retained implant-supported crowns. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 126, 105019 ^{4.1}		
184	Monolithic zirconia crowns: effect of thickness reduction on fatigue behavior and failure load. <i>Journal of Advanced Prosthodontics</i> , 2021 , 13, 269-280	2.2	1
183	Surface characterization of different surface treatments associations with plasma and bonding analysis of Y-TZP and the veneering ceramic. <i>Dental Materials</i> , 2021 , 37, 1873-1883	5.7	0
182	Survival of implant-supported resin-matrix ceramic crowns: In silico and fatigue analyses. <i>Dental Materials</i> , 2021 , 37, 523-533	5.7	0
181	Impact of rehabilitation with removable complete or partial dentures on masticatory efficiency and quality of life: A cross-sectional mapping study. <i>Journal of Prosthetic Dentistry</i> , 2021 ,	4	1
180	Osseodensification effect on implants primary and secondary stability: Multicenter controlled clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021 , 23, 317-328	3.9	6
179	Failure Load of Monolithic Lithium Disilicate Implant-Supported Single Crowns Bonded to Ti-base Abutments versus to Customized Ceramic Abutments after Fatigue. <i>Journal of Prosthodontics</i> , 2021 ,	3.9	1
178	Effects of relative centrifugation force on L-PRF: An in vivo submandibular boney defect regeneration study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 2237-2245	3.5	2
177	Effect of Surgical Instrumentation Variables on the Osseointegration of Narrow- and Wide-Diameter Short Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021 , 79, 346-355	1.8	3
176	Resin-matrix ceramics for occlusal veneers: Effect of thickness on reliability and stress distribution. <i>Dental Materials</i> , 2021 , 37, e131-e139	5.7	1
175	Minimal tooth preparation for posterior monolithic ceramic crowns: Effect on the mechanical behavior, reliability and translucency. <i>Dental Materials</i> , 2021 , 37, e140-e150	5.7	12
174	Alumina-toughened zirconia for dental applications: Physicochemical, mechanical, optical, and residual stress characterization after artificial aging. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 1135-1144	3.5	5
173	Physicochemical and mechanical characterization of a fiber-reinforced composite used as frameworks of implant-supported prostheses. <i>Dental Materials</i> , 2021 , 37, e443-e453	5.7	1
172	Performance of crowns cemented on a fiber-reinforced composite framework 5-unit implant-supported prostheses: in silico and fatigue analyses. <i>Dental Materials</i> , 2021 , 37, 1783-1793	5.7	0

171	Effect of supplemental acid-etching on the early stages of osseointegration: A preclinical model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 122, 104682	4.1	0
170	Hydrothermal aging affects the three-dimensional fit and fatigue lifetime of zirconia abutments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 124, 104832	4.1	0
169	Retention of zirconia crowns to Ti-base abutments: effect of luting protocol, abutment treatment and autoclave sterilization. <i>Journal of Prosthodontic Research</i> , 2021 , 65, 171-175	4.3	2
168	Mechanical testing of four-unit implant-supported prostheses with extensive pink gingiva porcelain: The dentogingival prostheses proof of concept. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021 , 33, 605-612	3.5	0
167	Influence of Abutment Fabrication Method on 3D Fit at the Implant-Abutment Connection. <i>International Journal of Prosthodontics</i> , 2020 , 33, 641-647	1.9	3
166	Effect of indenter material on reliability of all-ceramic crowns. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 108, 103831	4.1	2
165	Candida-Associated Denture Stomatitis and Murine Models: What Is the Importance and Scientific Evidence?. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	5
164	Aging resistant ZTA composite for dental applications: Microstructural, optical and mechanical characterization. <i>Dental Materials</i> , 2020 , 36, 1190-1200	5.7	12
163	Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 596-610	8.8	15
162	Aging resistance of an experimental zirconia-toughened alumina composite for large span dental prostheses: Optical and mechanical characterization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 104, 103659	4.1	8
161	Survival probability of zirconia-reinforced lithium silicate ceramic: Effect of surface condition and fatigue test load profile. <i>Dental Materials</i> , 2020 , 36, 808-815	5.7	5
160	Monolithic CAD/CAM laminate veneers: Reliability and failure modes. <i>Dental Materials</i> , 2020 , 36, 724-733	5.7	4
159	Structural, chemical and optical characterizations of an experimental SiO-Y-TZP ceramic produced by the uniaxial/isostatic pressing technique. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 106, 103749	4.1	5
158	Analysis of correlation between optical and microtomography measurements of cementation space in CAD-CAM ceramic crowns. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 87.e1-87.e6	4	0
157	Static and Fatigue Loading of Veneered Implant-Supported Fixed Dental Prostheses. <i>Journal of Prosthodontics</i> , 2020 , 29, 679-685	3.9	3
156	The influence of titanium base abutments on peri-implant soft tissue inflammatory parameters and marginal bone loss: A randomized clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2020 , 22, 542-548	3.9	0
155	Three-dimensional misfit between Ti-Base abutments and implants evaluated by replica technique. <i>Journal of Applied Oral Science</i> , 2020 , 28, e20200343	3.3	2
154	Implant-abutment fit influences the mechanical performance of single-crown prostheses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 102, 103506	4.1	3

153	Microstructural, mechanical, and optical characterization of an experimental aging-resistant zirconia-toughened alumina (ZTA) composite. <i>Dental Materials</i> , 2020 , 36, e365-e374	5.7	5
152	Hydrothermal degradation methods affect the properties and phase transformation depth of translucent zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 112, 104021	4.1	6
151	Clinical, histological, and nanomechanical parameters of implants placed in healthy and metabolically compromised patients. <i>Journal of Dentistry</i> , 2020 , 100, 103436	4.8	2
150	Cementation Protocol for Bonding Zirconia Crowns to Titanium Base CAD/CAM Abutments. <i>International Journal of Prosthodontics</i> , 2020 , 33, 527-535	1.9	7
149	Failure Modes and Survival of Anterior Crowns Supported by Narrow Implant Systems. <i>BioMed Research International</i> , 2020 , 2020, 1057846	3	0
148	Lifetime prediction of veneered versus monolithic lithium disilicate crowns loaded on marginal ridges. <i>Dental Materials</i> , 2019 , 35, 511-522	5.7	7
147	Effect of Thermocycling on Biaxial Flexural Strength of CAD/CAM, Bulk Fill, and Conventional Resin Composite Materials. <i>Operative Dentistry</i> , 2019 , 44, E254-E262	2.9	6
146	Osteointegrative and microgeometric comparison between micro-blasted and alumina blasting/acid etching on grade II and V titanium alloys (Ti-6Al-4V). <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 97, 288-295	4.1	5
145	Zirconia-reinforced lithium silicate crowns: Effect of thickness on survival and failure mode. <i>Dental Materials</i> , 2019 , 35, 1007-1016	5.7	14
144	Nanomechanical and microstructural characterization of a zirconia-toughened alumina composite after aging. <i>Ceramics International</i> , 2019 , 45, 8840-8846	5.1	15
143	The effect of osseodensification drilling for endosteal implants with different surface treatments: A study in sheep. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 615-623	3.5	12
142	The Effect of CAD/CAM Crown Material and Cement Type on Retention to Implant Abutments. <i>Journal of Prosthodontics</i> , 2019 , 28, e552-e556	3.9	11
141	Biomaterial and biomechanical considerations to prevent risks in implant therapy. <i>Periodontology 2000</i> , 2019 , 81, 139-151	12.9	14
140	Mechanical Behavior of Ceramic Monolithic Systems With Different Thicknesses. <i>Operative Dentistry</i> , 2019 , 44, E244-E253	2.9	5
139	Histological Analysis of an Implant Retrieved from a Tricalcium Phosphate Graft after 4 Years: A Case Study. <i>Journal of Long-Term Effects of Medical Implants</i> , 2019 , 29, 135-140	0.2	2
138	Synergistic Effects of Implant Macrogeometry and Surface Physicochemical Modifications on Osseointegration: An In Vivo Experimental Study in Sheep. <i>Journal of Long-Term Effects of Medical Implants</i> , 2019 , 29, 295-302	0.2	3
137	Practice-Based Clinical Evaluation of Dental Implants Placed with Immediate or Delayed Loading Protocols: One-Year Follow-Up. <i>Journal of Long-Term Effects of Medical Implants</i> , 2019 , 29, 141-149	0.2	
136	The effect of DLC-coating deposition method on the reliability and mechanical properties of abutment screws. <i>Dental Materials</i> , 2018 , 34, e128-e137	5.7	3

135	Fatigue Failure of External Hexagon Connections on Cemented Implant-Supported Crowns. <i>Implant Dentistry</i> , 2018 , 27, 165-170	2.4	1
134	Measurement properties of gingival biotype evaluation methods. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 280-284	3.9	16
133	Residual stress of porcelain-fused to zirconia 3-unit fixed dental prostheses measured by nanoindentation. <i>Dental Materials</i> , 2018 , 34, 260-271	5.7	7
132	Reliability and Failure Modes of a Hybrid Ceramic Abutment Prototype. <i>Journal of Prosthodontics</i> , 2018 , 27, 83-87	3.9	6
131	Fatigue Failure of Narrow Implants with Different Implant-Abutment Connection Designs. <i>Journal of Prosthodontics</i> , 2018 , 27, 659-664	3.9	18
130	Influence of platform diameter in the reliability and failure mode of extra-short dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 77, 470-474	4.1	7
129	Regeneration of the cementum and periodontal ligament using local BDNF delivery in class II furcation defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1611-1617	3.5	7
128	Nanomechanical Assessment of Bone Surrounding Implants Loaded for 3 Years in a Canine Experimental Model. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018 , 76, 71-79	1.8	6
127	Comparison of external and internal implant-abutment connections for implant supported prostheses. A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2018 , 70, 14-22	4.8	36
126	Effect of aging and testing method on bond strength of CAD/CAM fiber-reinforced composite to dentin. <i>Dental Materials</i> , 2018 , 34, 1690-1701	5.7	10
125	Effect of CAD/CAM Abutment Height and Cement Type on the Retention of Zirconia Crowns. <i>Implant Dentistry</i> , 2018 , 27, 582-587	2.4	9
124	Osseodensification outperforms conventional implant subtractive instrumentation: A study in sheep. <i>Materials Science and Engineering C</i> , 2018 , 90, 300-307	8.3	14
123	Dental Shade Guide Variability for Hues B, C, and D Using Cross-Polarized Photography. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018 , 38, s113-s118	2.1	8
122	Resin composite repair for implant-supported crowns. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1481-1489	3.5	9
121	Early Healing Evaluation of Commercially Pure Titanium and Ti-6Al-4V Presenting Similar Surface Texture: An In Vivo Study. <i>Implant Dentistry</i> , 2017 , 26, 338-344	2.4	4
120	Microstructural analysis and reliability of monolithic zirconia after simulated adjustment protocols. <i>Dental Materials</i> , 2017 , 33, 934-943	5.7	13
119	Fracture strength and probability of survival of narrow and extra-narrow dental implants after fatigue testing: In vitro and in silico analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 71, 244-249	4.1	16
118	Microcomputed Tomography Evaluation of Volumetric Shrinkage of Bulk-Fill Composites in Class II Cavities. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017 , 29, 118-127	3.5	28

117	Cortical and Trabecular Bone Healing Patterns and Quantification for Three Different Dental Implant Systems. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017 , 32, 585-592	2.8	3
116	Pain from Dental Implant Placement, Inflammatory Pulpitis Pain, and Neuropathic Pain Present Different Somatosensory Profiles. <i>Journal of Oral and Facial Pain and Headache</i> , 2017 , 31, 19-29	2.5	13
115	Bone Healing Around Dental Implants: Simplified vs Conventional Drilling Protocols at Speed of 400 rpm. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017 , 32, 329-336	2.8	10
114	Volumetric shrinkage and film thickness of cementation materials for veneers: An in Vitro 3D microcomputed tomography analysis. <i>Journal of Prosthetic Dentistry</i> , 2017 , 117, 784-791	4	19
113	Microcomputed Tomography Evaluation of Polymerization Shrinkage of Class I Flowable Resin Composite Restorations. <i>Operative Dentistry</i> , 2017 , 42, E16-E23	2.9	34
112	Revisiting the Role of Implant Design and Surgical Instrumentation on Osseointegration 2017 , 43-56		
111	Platform-Switching for Cemented Versus Screwed Fixed Dental Prostheses: Reliability and Failure Modes: An In Vitro Study. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 830-9	3.9	8
110	Biomechanical and histologic basis of osseodensification drilling for endosteal implant placement in low density bone. An experimental study in sheep. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 63, 56-65	4.1	46
109	The Effect of Osteotomy Dimension on Implant Insertion Torque, Healing Mode, and Osseointegration Indicators: A Study in Dogs. <i>Implant Dentistry</i> , 2016 , 25, 739-743	2.4	11
108	Microrobotized blasting improves the bone-to-textured implant response. A preclinical in vivo biomechanical study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 56, 175-182	4.1	4
107	The effect of controlled microrobotized blasting on implant surface texturing and early osseointegration. <i>Journal of Biomaterials Applications</i> , 2016 , 30, 900-7	2.9	3
106	Fractographic principles applied to Y-TZP mechanical behavior analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 57, 215-23	4.1	7
105	Reliability and failure modes of narrow implant systems. <i>Clinical Oral Investigations</i> , 2016 , 20, 1505-13	4.2	10
104	Surface characterization and in vivo evaluation of laser sintered and machined implants followed by resorbable-blasting media process: A study in sheep. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2016 , 21, e206-13	2.6	3
103	The Synergistic Effect of Leukocyte Platelet-Rich Fibrin and Micrometer/Nanometer Surface Texturing on Bone Healing around Immediately Placed Implants: An Experimental Study in Dogs. <i>BioMed Research International</i> , 2016 , 2016, 9507342	3	12
102	Evaluation of Dental Shade Guide Variability Using Cross-Polarized Photography. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016 , 36, e76-81	2.1	12
101	Survival Probability of Narrow and Standard-Diameter Implants with Different Implant-Abutment Connection Designs. <i>International Journal of Prosthodontics</i> , 2016 , 29, 179-85	1.9	9
100	Implant design and its effects on osseointegration over time within cortical and trabecular bone. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1091-7	3.5	19

99	Physicochemical characterization of three fiber-reinforced epoxide-based composites for dental applications. <i>Materials Science and Engineering C</i> , 2016 , 69, 905-13	8.3	15
98	Histomorphological and Histomorphometric Analyses of Grade IV Commercially Pure Titanium and Grade V Ti-6Al-4V Titanium Alloy Implant Substrates: An In Vivo Study in Dogs. <i>Implant Dentistry</i> , 2016 , 25, 650-5	2.4	8
97	A Critical Perspective on Mechanical Testing of Implants and Prostheses. <i>Advances in Dental Research</i> , 2016 , 28, 18-27	2.3	59
96	Survival and failure modes: platform-switching for internal and external hexagon cemented fixed dental prostheses. <i>European Journal of Oral Sciences</i> , 2016 , 124, 490-497	2.3	2
95	Lifetime prediction of zirconia and metal ceramic crowns loaded on marginal ridges. <i>Dental Materials</i> , 2016 , 32, 1543-1554	5.7	11
94	Probability of survival of implant-supported metal ceramic and CAD/CAM resin nanoceramic crowns. <i>Dental Materials</i> , 2015 , 31, e168-77	5.7	32
93	Shrinkage assessment of low shrinkage composites using micro-computed tomography. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 798-806	3.5	50
92	Osseointegration: hierarchical designing encompassing the macrometer, micrometer, and nanometer length scales. <i>Dental Materials</i> , 2015 , 31, 37-52	5.7	111
91	Progressive plateau root form dental implant osseointegration: A human retrieval study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 1328-32	3.5	9
90	A new classification system for all-ceramic and ceramic-like restorative materials. <i>International Journal of Prosthodontics</i> , 2015 , 28, 227-35	1.9	183
89	Effects of implant diameter and prosthesis retention system on the reliability of single crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 95-101	2.8	13
88	Mechanical Evaluation of Two Grades of Titanium Used in Implant Dentistry. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 800-5	2.8	11
87	Effect of Diamondlike Carbon Coating on Reliability of Implant-Supported Crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 806-13	2.8	5
86	Digitally produced fiber-reinforced composite substructures for three-unit implant-supported fixed dental prostheses. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 321-9	2.8	18
85	Are insertion torque and early osseointegration proportional? A histologic evaluation. <i>Clinical Oral Implants Research</i> , 2015 , 26, 1256-60	4.8	16
84	Surface characterization and in vivo evaluation of dual Acid-etched and grit-blasted/acid-etched implants in sheep. <i>Implant Dentistry</i> , 2015 , 24, 256-62	2.4	8
83	Bulk Fill Composites: An Anatomic Sculpting Technique. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015 , 27, 335-43	3.5	21
82	Assessment of Atmospheric Pressure Plasma Treatment for Implant Osseointegration. <i>BioMed Research International</i> , 2015 , 2015, 761718	3	15

81	Drilling dimension effects in early stages of osseointegration and implant stability in a canine model. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2015 , 20, e471-9	2.6	7
80	Slow cooling protocol improves fatigue life of zirconia crowns. <i>Dental Materials</i> , 2015 , 31, 77-87	5.7	38
79	Osseointegration of Plateau Root Form Implants: Unique Healing Pathway Leading to Haversian-Like Long-Term Morphology. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 881, 111-28	3.6	8
78	Experimental and Clinical Knowledge of Nanometer Scale Designing on Endosteal Implants 2015 , 29-43		
77	The effect of post material on the characteristic strength of fatigued endodontically treated teeth. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1225-30	4	17
76	Mechanical evaluation of four narrow-diameter implant systems. <i>International Journal of Prosthodontics</i> , 2014 , 27, 359-62	1.9	8
75	Evaluation of UCLA implant-abutment sealing. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014 , 29, 113-20	2.8	3
74	Effect of abutment screw surface treatment on reliability of implant-supported crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014 , 29, 585-92	2.8	3
73	Bone regeneration around implants placed in fresh extraction sockets covered with a dual-layer PTFE/collagen membrane: an experimental study in dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2014 , 34, 849-55	2.1	4
72	Clinical and histological evaluation of socket grafting using different types of bone substitute in adult patients. <i>Implant Dentistry</i> , 2014 , 23, 489-95	2.4	9
71	The effect of brain-derived neurotrophic factor on periodontal furcation defects. <i>PLoS ONE</i> , 2014 , 9, e84845	3.7	14
70	Nanometer scale titanium surface texturing are detected by signaling pathways involving transient FAK and Src activations. <i>PLoS ONE</i> , 2014 , 9, e95662	3.7	29
69	Evaluation of surface roughness as a function of multiple blasting processing variables. <i>Clinical Oral Implants Research</i> , 2013 , 24, 238-42	4.8	18
68	Effect of microthread presence and restoration design (screw versus cemented) in dental implant reliability and failure modes. <i>Clinical Oral Implants Research</i> , 2013 , 24, 191-6	4.8	10
67	Osseointegration assessment of chairside argon-based nonthermal plasma-treated Ca-P coated dental implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 98-103	5.4	35
66	Effect of core design and veneering technique on damage and reliability of Y-TZP-supported crowns. <i>Dental Materials</i> , 2013 , 29, 307-16	5.7	88
65	Reliability evaluation of alumina-blasted/acid-etched versus laser-sintered dental implants. <i>Lasers in Medical Science</i> , 2013 , 28, 851-8	3.1	6
64	Buccal and lingual bone level alterations after immediate implantation of four implant surfaces: a study in dogs. <i>Clinical Oral Implants Research</i> , 2013 , 24, 1375-80	4.8	15

63	Reliability and failure modes of internal conical dental implant connections. <i>Clinical Oral Implants Research</i> , 2013 , 24, 197-202	4.8	33
62	Biomechanical evaluation of undersized drilling on implant biomechanical stability at early implantation times. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013 , 71, e69-75	1.8	40
61	Implant-abutment connection designs for anterior crowns: reliability and failure modes. <i>Implant Dentistry</i> , 2013 , 22, 540-5	2.4	25
60	Histologic and biomechanical evaluation of 2 resorbable-blasting media implant surfaces at early implantation times. <i>Journal of Oral Implantology</i> , 2013 , 39, 445-53	1.2	4
59	The effect of simplifying dental implant drilling sequence on osseointegration: an experimental study in dogs. <i>International Journal of Biomaterials</i> , 2013 , 2013, 230310	3.2	28
58	MicroCT analysis of a retrieved root restored with a bonded fiber-reinforced composite dowel: a pilot study. <i>Journal of Prosthodontics</i> , 2013 , 22, 478-83	3.9	5
57	Biomechanical testing of microblasted, acid-etched/microblasted, anodized, and discrete crystalline deposition surfaces: an experimental study in beagle dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 136-42	2.8	25
56	Mechanical testing of implant-supported anterior crowns with different implant/abutment connections. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 103-8	2.8	43
55	Implant biomechanical stability variation at early implantation times in vivo: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, e128-34	2.8	21
54	Surface characterization, biomechanical, and histologic evaluation of alumina and bioactive resorbable blasting textured surfaces in titanium implant healing chambers: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 694-700	2.8	14
53	Mechanical testing of thin-walled zirconia abutments. <i>Journal of Applied Oral Science</i> , 2013 , 21, 20-4	3.3	12
52	Bone-Forming Capabilities of a Newly Developed NanoHA Composite Alloplast Infused with Collagen: A Pilot Study in the Sheep Mandible. <i>International Journal of Dentistry</i> , 2013 , 2013, 296391	1.9	3
51	Conventional and modified veneered zirconia vs. metaloceramic: fatigue and finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 433-9	3.9	32
50	Residual thermal stress simulation in three-dimensional molar crown systems: a finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 529-34	3.9	14
49	Abutment design for implant-supported indirect composite molar crowns: reliability and fractography. <i>Journal of Prosthodontics</i> , 2012 , 21, 596-603	3.9	2
48	Mechanical properties of human bone surrounding plateau root form implants retrieved after 0.3-24 years of function. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 2015-21	3.5	36
47	Biomechanical evaluation of internal and external hexagon platform switched implant-abutment connections: An in vitro laboratory and three-dimensional finite element analysis. <i>Dental Materials</i> , 2012 , 28, e218-28	5.7	52
46	Evaluation of collagen-based membranes for guided bone regeneration, by three-dimensional computerized microtomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012 , 114, 437-43	2	8

45	Characterization and in vivo evaluation of laser sintered dental endosseous implants in dogs. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1566-73	3.5	24
44	The effect of implant design on insertion torque and immediate micromotion. <i>Clinical Oral Implants Research</i> , 2012 , 23, 113-8	4.8	53
43	Biomechanical and histologic evaluation of non-washed resorbable blasting media and alumina-blasted/acid-etched surfaces. <i>Clinical Oral Implants Research</i> , 2012 , 23, 132-5	4.8	20
42	Effect of Si addition on Ca- and P-impregnated implant surfaces with nanometer-scale roughness: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2012 , 23, 373-8	4.8	8
41	Evaluation of a nanometer roughness scale resorbable media-processed surface: a study in dogs. <i>Clinical Oral Implants Research</i> , 2012 , 23, 119-24	4.8	15
40	Effect of implant-abutment connection design on reliability of crowns: regular vs. horizontal mismatched platform. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1123-6	4.8	11
39	Reliability and failure modes of anterior single-unit implant-supported restorations. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1005-11	4.8	14
38	Fatigue reliability of 3 single-unit implant-abutment designs. <i>Implant Dentistry</i> , 2012 , 21, 67-71	2.4	15
37	Reliability of reduced-thickness and thinly veneered lithium disilicate crowns. <i>Journal of Dental Research</i> , 2012 , 91, 305-10	8.1	49
36	Histologic and biomechanical evaluation of alumina-blasted/acid-etched and resorbable blasting media surfaces. <i>Journal of Oral Implantology</i> , 2012 , 38, 549-57	1.2	14
35	Physicochemical Characterization and In Vivo Evaluation of Amorphous and Partially Crystalline Calcium Phosphate Coatings Fabricated on Ti-6Al-4V Implants by the Plasma Spray Method. <i>International Journal of Biomaterials</i> , 2012 , 2012, 603826	3.2	9
34	All-ceramic systems: laboratory and clinical performance. <i>Dental Clinics of North America</i> , 2011 , 55, 333-52, ix	3.3	157
33	Cements and adhesives for all-ceramic restorations. <i>Dental Clinics of North America</i> , 2011 , 55, 311-32, ix	3.3	80
32	Sealing Capability and SEM Observation of the Implant-Abutment Interface. <i>International Journal of Dentistry</i> , 2011 , 2011, 864183	1.9	10
31	The effect of alterations on resorbable blasting media processed implant surfaces on early bone healing: a study in rabbits. <i>Implant Dentistry</i> , 2011 , 20, 167-77	2.4	7
30	Reliability testing of indirect composites as single implant restorations. <i>Journal of Prosthodontics</i> , 2011 , 20, 528-34	3.9	6
29	Effect of implant connection and restoration design (screwed vs. cemented) in reliability and failure modes of anterior crowns. <i>European Journal of Oral Sciences</i> , 2011 , 119, 323-30	2.3	31
28	The effect of different implant macrogeometries and surface treatment in early biomechanical fixation: an experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011 , 4, 1974-81	4.1	39

27	Effect of drilling technique on the early integration of plateau root form endosteal implants: an experimental study in dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011 , 69, 2158-63	1.8	26
26	Characterization of five different implant surfaces and their effect on osseointegration: a study in dogs. <i>Journal of Periodontology</i> , 2011 , 82, 742-50	4.6	24
25	Modified Y-TZP core design improves all-ceramic crown reliability. <i>Journal of Dental Research</i> , 2011 , 90, 104-8	8.1	79
24	Bone mineral apposition rates at early implantation times around differently prepared titanium surfaces: a study in beagle dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011 , 26, 63-9	2.8	13
23	Early bone healing and biomechanical fixation of dual acid-etched and as-machined implants with healing chambers: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011 , 26, 75-82	2.8	19
22	Alveolar buccal bone maintenance after immediate implantation with a surgical flap approach: a study in dogs. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2011 , 31, e80-6	2.1	1
21	Effect of implant diameter on reliability and failure modes of molar crowns. <i>International Journal of Prosthodontics</i> , 2011 , 24, 557-61	1.9	6
20	Thermal/mechanical simulation and laboratory fatigue testing of an alternative yttria tetragonal zirconia polycrystal core-veneer all-ceramic layered crown design. <i>European Journal of Oral Sciences</i> , 2010 , 118, 202-9	2.3	56
19	Reliability of metaloceramic and zirconia-based ceramic crowns. <i>Journal of Dental Research</i> , 2010 , 89, 1051-6	8.1	68
18	Biomechanical evaluation of an anatomically correct all-ceramic tooth-crown system configuration: core layer multivariate analysis incorporating clinically relevant variables. <i>Journal of Biomechanical Engineering</i> , 2010 , 132, 051001	2.1	6
17	Surface treatment at the cervical region and its effect on bone maintenance after immediate implantation: an experimental study in dogs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 110, 182-7		16
16	Fatigue and damage accumulation of veneer porcelain pressed on Y-TZP. <i>Journal of Dentistry</i> , 2010 , 38, 318-24	4.8	33
15	Failure modes of Y-TZP crowns at different cusp inclines. <i>Journal of Dentistry</i> , 2010 , 38, 707-12	4.8	34
14	Fatigue life and failure modes of crowns systems with a modified framework design. <i>Journal of Dentistry</i> , 2010 , 38, 626-34	4.8	58
13	Biomechanical and bone histomorphologic evaluation of four surfaces on plateau root form implants: an experimental study in dogs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e39-45		36
12	Reliability and failure modes of implant-supported Y-TZP and MCR three-unit bridges. <i>Clinical Implant Dentistry and Related Research</i> , 2010 , 12, 235-43	3.9	24
11	Biomechanical evaluation of endosseous implants at early implantation times: a study in dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 1667-75	1.8	24
10	Biomechanical and histomorphometric analysis of etched and non-etched resorbable blasting media processed implant surfaces: an experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010 , 3, 382-91	4.1	21

9	A human retrieval study of plasma-sprayed hydroxyapatite-coated plateau root form implants after 2 months to 13 years in function. <i>Journal of Long-Term Effects of Medical Implants</i> , 2010 , 20, 335-42	0.2	21
8	Monolithic CAD/CAM lithium disilicate versus veneered Y-TZP crowns: comparison of failure modes and reliability after fatigue. <i>International Journal of Prosthodontics</i> , 2010 , 23, 434-42	1.9	148
7	Mechanical testing of indirect composite materials directly applied on implant abutments. <i>Journal of Adhesive Dentistry</i> , 2010 , 12, 311-7	3	3
6	Laboratory simulation of Y-TZP all-ceramic crown clinical failures. <i>Journal of Dental Research</i> , 2009 , 88, 382-6	8.1	125
5	Fatigue testing of two porcelain-zirconia all-ceramic crown systems. <i>Dental Materials</i> , 2009 , 25, 1122-7	5.7	141
4	Effect of framework design on crown failure. <i>European Journal of Oral Sciences</i> , 2009 , 117, 194-9	2.3	46
3	Microtensile bond strength of resin-based composites to Ti-6Al-4V. <i>Dental Materials</i> , 2009 , 25, 655-61	5.7	11
2	SEM observation of the bond integrity of fiber-reinforced composite posts cemented into root canals. <i>Dental Materials</i> , 2008 , 24, 483-91	5.7	45
1	Restoration of canine guidance on an occlusal splint using amalgam: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2003 , 90, 420-3	4	2