# CITATION REPORT List of articles citing



DOI: 10.1016/s0022-3913(83)80101-2 Journal of Prosthetic Dentistry, 1983, 50, 399-410.

Source: https://exaly.com/paper-pdf/16345353/citation-report.pdf

**Version:** 2024-04-11

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
1374	Long-term effects on chewing with mandibular fixed prostheses on osseointegrated implants. <b>1985</b> , 43, 39-45		102
1373	The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge. <b>1985</b> , 13, 91-101		5
1372	Dental materials: 1983 literature review. Part 1. <b>1986</b> , 14, 93-113		
1371	Titanium plasma-sprayed (TPS) screw implants for the reconstruction of the edentulous mandible. <b>1986</b> , 44, 274-82		182
1370	Modifications of existing prosthesis with osseointegrated implants. <i>Journal of Prosthetic Dentistry</i> , <b>1986</b> , 56, 61-5	4	8
1369	A histological assessment of the initial healing response adjacent to porous-surfaced, titanium alloy dental implants in dogs. <b>1986</b> , 65, 1064-70		85
1368	The use of blade implants in a selected population of partially edentulous adults. A 15-year report. <b>1987</b> , 58, 589-93		21
1367	Assessment of the interfacial rigidity of bone implants from vibrational signals. <b>1987</b> , 22, 3495-3502		10
1366	Titanium: The implant material of today. <b>1987</b> , 22, 3801-3811		342
1365	Inferior alveolar nerve repositioning in conjunction with placement of osseointegrated implants: a case report. <b>1987</b> , 63, 263-8		79
1364	Designing to counteract the effects of initial device instability: materials and engineering. <b>1988</b> , 22, 11	27-36	11
1363	Enhancement of rehabilitation by use of implantable adjuncts with vascularized bone grafts for mandible reconstruction. <b>1988</b> , 156, 243-7		18
1362	Tissue-integrated prostheses for edentulous patients with normal and abnormal jaw relationships. Journal of Prosthetic Dentistry, <b>1988</b> , 59, 180-7	4	17
1361	Technique for converting an existing complete denture to a tissue-integrated prosthesis. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 59, 463-7	4	9
1360	Bone resorption around fixtures in edentulous patients treated with mandibular fixed tissue-integrated prostheses. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 59, 59-63	4	261
1359	Bone-implant interface structures after nontapping and tapping insertion of screw-type titanium alloy endosseous implants. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 59, 339-42	4	37
1358	Prosthodontic rehabilitation of the partially edentulous trauma patient by using osseointegrated implants. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 60, 354-7	4	3

#### (1991-1988)

1357	Correction of alveolar ridge deformities with titanium implants. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 60, 221-5	4	4
1356	Osseointegration of two types of implants in nonhuman primates. <i>Journal of Prosthetic Dentistry</i> , <b>1988</b> , 60, 700-5	4	13
1355	Fabrication of facial prostheses by applying the osseointegration concept for retention. <i>Journal of Prosthetic Dentistry</i> , <b>1989</b> , 61, 712-6	4	19
1354	Residual ridge changes under titanium plasma-sprayed screw implant systems. <i>Journal of Prosthetic Dentistry</i> , <b>1989</b> , 62, 576-80	4	11
1353	Treatment of the mandibular compromised ridge: a literature review. <i>Journal of Prosthetic Dentistry</i> , <b>1989</b> , 61, 575-9	4	29
1352	In Vitro Cell Attachment to Characterized cp Titanium Surfaces. <b>1989</b> , 28, 115-133		21
1351	Complex dental rehabilitation: implants for the older adult. <b>1989</b> , 9, 138-41		
1350	Primary placement of osseointegrated implants in microvascular mandibular reconstruction. <b>1989</b> , 101, 56-73		132
1349	An osseointegrated implant to replace a missing lateral incisor following orthodontic treatment. <b>1990</b> , 17, 147-53		3
1348	Implant prosthodontics contribute to restorative dentistry. <b>1990</b> , 121, 340-1, 344, 346 passim		
1348 1347	Implant prosthodontics contribute to restorative dentistry. <b>1990</b> , 121, 340-1, 344, 346 passim  OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. <b>1990</b> , 335, 1190-1191		
1347		4	8
1347	OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. <b>1990</b> , 335, 1190-1191	4	8
1347	OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. <b>1990</b> , 335, 1190-1191  Reconstruction of the severely resorbed mandible. <i>Journal of Prosthetic Dentistry</i> , <b>1990</b> , 64, 583-8	4	
1347 1346 1345	OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. <b>1990</b> , 335, 1190-1191  Reconstruction of the severely resorbed mandible. <i>Journal of Prosthetic Dentistry</i> , <b>1990</b> , 64, 583-8  Extraoral application of osseointegrated implants. <b>1991</b> , 49, 33-45	4	29
1347 1346 1345	OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. <b>1990</b> , 335, 1190-1191  Reconstruction of the severely resorbed mandible. <i>Journal of Prosthetic Dentistry</i> , <b>1990</b> , 64, 583-8  Extraoral application of osseointegrated implants. <b>1991</b> , 49, 33-45  The concept of osseointegration and bone matrix expression. <b>1991</b> , 2, 83-101  Radiologic-prosthetic planning of the surgical phase of the treatment of edentulism by	4	29 71
1347 1346 1345 1344	OSSEOINTEGRATED DENTAL IMPLANTS HERE TO STAY. 1990, 335, 1190-1191  Reconstruction of the severely resorbed mandible. <i>Journal of Prosthetic Dentistry</i> , 1990, 64, 583-8  Extraoral application of osseointegrated implants. 1991, 49, 33-45  The concept of osseointegration and bone matrix expression. 1991, 2, 83-101  Radiologic-prosthetic planning of the surgical phase of the treatment of edentulism by osseointegrated implants: an in vitro study. <i>Journal of Prosthetic Dentistry</i> , 1991, 65, 541-6	4	29 71

1339	Dental implant materials. I. Some effects of preparative procedures on surface topography. <b>1991</b> , 25, 1045-68		52
1338	The osseointegration technique for the rehabilitation of the exenterated orbit. <b>1991</b> , 109, 1032-8		65
1337	Planning interactive implant treatment with 3-D computed tomography. <b>1991</b> , 122, 40-4		25
1336	Digital radiology for implant treatment planning and evaluation. <b>1992</b> , 21, 203-7		16
1335	A light and electron microscopic comparison of osseointegration of six implant types. <b>1992</b> , 50, 709-16; discussion 716-7		13
1334	Restorative considerations for a fixed implant prosthesis using different root form implant systems. <i>Journal of Prosthetic Dentistry</i> , <b>1992</b> , 67, 124-9	4	1
1333	The use of osseointegrated implants in the treatment of patients with trauma. <i>Journal of Prosthetic Dentistry</i> , <b>1992</b> , 67, 670-8	4	21
1332	Determining the force absorption quotient for restorative materials used in implant occlusal surfaces. <i>Journal of Prosthetic Dentistry</i> , <b>1992</b> , 67, 361-4	4	72
1331	Conventional and Implant Oral Prostheses. <b>1992</b> , 8, 643-658		2
1330	The histopathology of different foreign-body reactions in oral soft tissue and bone tissue. <b>1992</b> , 420, 131-7		82
1329	Calcium phosphate formation within sol-gel prepared titania in vitro and in vivo. <b>1993</b> , 27, 1495-500		127
1328	Studies on peri-root tissue formation around new type artificial root made of dense hydroxyapatite. <b>1993</b> , 12, 159-67		10
1327	The accuracy of six impression techniques for osseointegrated implants. <b>1993</b> , 2, 75-82		67
1326	Cast titanium implants for localized ridge defects: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>1993</b> , 70, 1-3	4	1
1325	Evaluation of three impression techniques for osseointegrated oral implants. <i>Journal of Prosthetic Dentistry</i> , <b>1993</b> , 69, 503-9	4	110
1324	Osteointegration of implants in radiated bone with and without adjunctive hyperbaric oxygen. <b>1993</b> , 51, 280-7		61
1323	The effect of bone morphogenetic protein on osseointegration of titanium implants. <b>1993</b> , 51, 647-51		43
1322	Digital subtraction radiography for longitudinal assessment of peri-implant bone change: method and validation. <b>1993</b> , 7, 196-201		56

1321 Biomechanical Studies on Newly Tailored Artificial Dental Root. <b>1994</b> , 4, 141-149		2
1320 Free Tissue Transfer In Oromandibular Reconstruction. <b>1994</b> , 27, 1141-1150		7
1319 Biomechanical Research on Junction System of Bone with Biomaterials. <b>1994</b> , 4, 151-159		1
[Endosseous titanium implants as orthodontic anchoring elements. Experimental studies and clinical application]. <b>1994</b> , 55, 236-50		19
1317 Electrodeposition of apatite coating on pure titanium and titanium alloys. <b>1994</b> , 13, 1782-1785		56
1316 The role of hydrated silica, titania, and alumina in inducing apatite on implants. <b>1994</b> , 28, 7-15		610
Biomechanical studies on shape effect of hydroxyapatite artificial root upon surrounding jawbone. <b>1994</b> , 16, 127-35		6
Passive fit of implant-retained prosthetic superstructures improved by electric discharge machining. <b>1994</b> , 3, 88-95		17
1313 Bonelike Hydroxyapatite Induction by a Gel-Derived Titania on a Titanium Substrate. <b>1994</b> , 77, 1307-	1312	280
1312 Bone grafting and guided bone regeneration for immediate dental implants in humans. <b>1994</b> , 65, 88°	1-91	128
1311 Amorphous carbon Biomaterial for implant coatings. <b>1994</b> , 3, 899-901		30
Evaluation of the safety of the carbon dioxide laser used in conjunction with root form implants: a pilot study. <i>Journal of Prosthetic Dentistry</i> , <b>1994</b> , 71, 27-30	4	25
Early histologic response to titanium implants complexed with bovine bone morphogenetic protein. <i>Journal of Prosthetic Dentistry</i> , <b>1994</b> , 71, 289-94	4	18
1308 Prosthodontic complications related to compromised implant placement. <b>1994</b> , 52, 15-22		4
Tissue reactions to titanium implants containing bovine bone morphogenetic protein: a scanning electron microscopic investigation. <b>1994</b> , 23, 115-9		20
1306 The Improved Procedure of Br^ ^aring;nemark System to Minimize the Number of Visits. <b>1994</b> , 15, 20	4-27	
Preparation and Methods for Sequential Evaluation of Titanium Implant Interfaces in Plastic Embedded Calcified Bone. <b>1994</b> , 17, 333-341		7
Bone-bonding behavior of titanium alloy evaluated mechanically with detaching failure load. <b>1995</b> , 29, 157-63		68

1303	Reconstruction of craniofacial bone defects with individual alloplastic implants based on CAD/CAM-manipulated CT-data. <b>1995</b> , 23, 175-81		104
1302	Aesthetic and functional reconstruction with the trapezius osseomyocutaneous flap and dental implants in oral cavity cancer patients. <b>1996</b> , 24, 322-9		19
1301	Implants and Devices. <b>1996</b> , 415-455		2
1300	The response of bone in primates around unloaded dental implants supporting prostheses with different levels of fit. <i>Journal of Prosthetic Dentistry</i> , <b>1996</b> , 76, 500-9	4	114
1299	The accuracy of implant verification casts compared with casts produced from a rigid transfer coping technique. <b>1996</b> , 5, 248-52		22
1298	Oral conditions and aptitude to receive implants in patients with removable partial denture: a cross-sectional study. Part II Aptitude. <b>1996</b> , 23, 175-8		5
1297	Periodontists and implants. <b>1996</b> , 67, 636-9		
1296	Improved osseointeraction of calcium phosphate-coated external fixation pins. Studies in calves. <b>1997</b> , 68, 571-6		15
1295	Association between marginal bone loss around osseointegrated mandibular implants and smoking habits: a 10-year follow-up study. <b>1997</b> , 76, 1667-74		200
1294	Effect of prosthetic superstructure accuracy on the osteointegrated implant bone interface. <b>1997</b> , 83, 198-205		42
1293	Effects of surface roughness of titanium implants on bone remodeling activity of femur in rabbits. <b>1997</b> , 21, 507-14		125
1292	Implant-retained mandibular overdentures with immediate loading. A retrospective multicenter study on 226 consecutive cases. <b>1997</b> , 8, 48-57		238
1291	Placement of dental implants in the irradiated mandible: a protocol without adjunctive hyperbaric oxygen. <b>1997</b> , 55, 972-80		48
1290	Preliminary results of a multicenter study evaluating a chemically enhanced surface for machined commercially pure titanium implants. <i>Journal of Prosthetic Dentistry</i> , <b>1997</b> , 78, 379-86	4	40
1289	Validation of dental implant systems through a review of literature supplied by system manufacturers. <i>Journal of Prosthetic Dentistry</i> , <b>1997</b> , 77, 271-9	4	30
1288	In vitro attachment of osteoblast-like cells to osteoceramic materials. <b>1997</b> , 13, 62-8		39
1287	Investigation of the integration process of dental implants by means of a numerical analysis of dynamic response. <b>1997</b> , 13, 325-32		13
1286	Surface-dimpled commercially pure titanium implant and bone ingrowth. <b>1997</b> , 18, 691-6		49

1285	Inflammatory reaction dependence on implant localization in rat soft tissue models. <b>1997</b> , 18, 979-87	44
1284	Bonding of chemically treated titanium implants to bone. <b>1997</b> , 37, 267-75	220
1283	Occlusal rehabilitation using implants for orthodontic anchorage. <b>1998</b> , 7, 232-6	13
1282	A subsequent two-stage dental implant system and its clinical application. <b>1998</b> , 17, 96-105	8
1281	A prospective multicenter study evaluating loading of osseotite implants two months after placement: one-year results. <b>1998</b> , 10, 280-9	93
1280	A comparison of the effect of different occlusal forms in mandibular implant overdentures. <i>Journal of Prosthetic Dentistry</i> , <b>1998</b> , 79, 422-9	26
1279	Quasi-biological apatite film induced by titanium in a simulated body fluid. <b>1998</b> , 41, 341-8	127
1278	Prosthesis-bone interface. <b>1998</b> , 43, 350-5	23
1277	Influence of hydroxylapatit-coating on the osseointegration of weightbearing and non-weightbearing implants in comparison to other surfaces with microporous structures. An animal experimental study. <b>1998</b> , 27, 96-104	5
1276	Spectroscopic studies of three osseointegrated implants. <b>1998</b> , 26, 119-24	23
1275	Reconstructing the human face by using the tissue-integrated prosthesis. 1998, 73, 1171-5	10
1274	[Epithelialization of titanium prostheses in the middle ear of the rabbit. Possible model of mucosa development]. <b>1998</b> , 77, 38-42	15
1273	Effect of Endosseous Implants on the Impact Fracture Strength of the Edentulous Mandible. <b>1998</b> , 19, 356-369	
1272	Titanium Is a Highly Thrombogenic Biomaterial: Possible Implications for Osteogenesis. <b>1999</b> , 82, 58-64	152
1271	Surface topography, corrosion and microhardness of nitrogen-diffusion-hardened titanium alloy. <b>1999</b> , 20, 1709-16	29
1270	Use of osseointegrated implants in adult orthodontic treatment: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>1999</b> , 82, 504-9	26
1269	Clinical complications of osseointegrated implants. <i>Journal of Prosthetic Dentistry</i> , <b>1999</b> , 81, 537-52 4	455
1268	Toward an understanding of implant occlusion and strain adaptive bone modeling and remodeling.  Journal of Prosthetic Dentistry, <b>1999</b> , 81, 553-61	106

1267	Clinical methods for evaluating implant framework fit. <i>Journal of Prosthetic Dentistry</i> , <b>1999</b> , 81, 7-13 4	239
1266	Degradation of hydroxylapatite, fluorapatite, and fluorhydroxyapatite coatings of dental implants in dogs. <b>1999</b> , 48, 224-34	148
1265	Physical and biological characteristics of implant materials. <b>1999</b> , 13, 5-7	12
1264	Implant fixation by bone ingrowth. <b>1999</b> , 14, 355-68	306
1263	Long-term study of quality and safety of osseointegration for the retention of auricular prostheses. <b>1999</b> , 121, 133-43	57
1262	Self-adapting washer system for lag screw fixation of mandibular fractures. Part II: In vitro mechanical characterization of 2.3 and 2.7 mm lag screw prototypes and in vivo removal torque after healing. <b>1999</b> , 27, 243-51	7
1261	[Three years of experience with titanium implants in the middle ear]. 1999, 78, 299-303	35
1260	Maxillary reconstruction: functional and aesthetic considerations. <b>1999</b> , 104, 2172-83; quiz 2184	51
1259	Alloplastic implantation. <b>1999</b> , 104, 1761-83; quiz 1784-5	54
1258	The effect of nitrogen diffusion hardening on the surface chemistry and scratch resistance of Ti-6A1-4V alloy. <b>2000</b> , 21, 1669-77	53
1257	Considerations preliminary to the application of early and immediate loading protocols in dental implantology. <b>2000</b> , 11, 12-25	261
1256	Long-term evaluation of osseointegrated dental implants in the treatment of partly edentulous patients. <b>2000</b> , 27, 128-33	65
1255	Use of short endosseous implants and an overdenture in the extremely resorbed mandible: a five-year retrospective study. <b>2000</b> , 58, 382-7; discussion 387-8	42
1254	Biomaterialien in der rekonstruktiven Mittelohrchirurgie. <b>2000</b> , 79, S53-S72	6
1253	Assessing the implant/bone interface by using natural frequency analysis. 2000, 90, 285-91	50
1252	Treatment of peri-implant defects with combination growth factor cement. <b>2000</b> , 71, 8-13	57
1251	A multi-center study comparing dual acid-etched and machined-surfaced implants in various bone qualities. <b>2001</b> , 72, 1384-90	139
1250	[Management of craniofacial bone defects with individually prefabricated titanium implants. Follow-up and evaluation of 78 patients with 78 titanium implants 1994-1998]. <b>2001</b> , 5, 233-8	13

Topographical anatomy of the fibula and peroneal artery in Koreans. <b>2001</b> , 30, 329-32		18
Comparative radiologic study of bone density and cortical thickness of donor bone used in mandibular reconstruction. <b>2001</b> , 92, 23-9		26
The effect of an immunosuppressive therapy and its withdrawal on bone healing around titanium implants. A histometric study in rabbits. <b>2001</b> , 72, 1391-7		38
Peri-implant bone reactions to immediately loaded implants. An experimental study in monkeys. <b>2001</b> , 72, 506-11		86
Preparation and characterisation of titania/hydroxyapatite composite coatings obtained by sol-gel process. <b>2001</b> , 22, 1425-31		208
The titanium surface texture effects adherence and growth of human gingival keratinocytes and human maxillar osteoblast-like cells in vitro. <b>2001</b> , 22, 2799-809		100
Material fundamentals and clinical performance of plasma-sprayed hydroxyapatite coatings: a review. <b>2001</b> , 58, 570-92		787
Preliminary report of immediately loaded Altiva Natural Tooth Replacement dental implants. <b>2001</b> , 3, 97-106		25
Osseotite implant: 3-year prospective multicenter evaluation. <b>2001</b> , 3, 111-8		15
Immediate loading of single root form implants with the use of a custom acrylic stent. <i>Journal of</i> Prosthetic Dentistry, <b>2001</b> , 85, 382-5	4	10
Fit of implant-supported fixed prostheses fabricated on master casts made from a dental stone and a dental plaster. <i>Journal of Prosthetic Dentistry</i> , <b>2001</b> , 86, 532-8	4	11
1238 Mini-dental implant insertion with the auto-advance technique for ongoing applications. <b>2001</b> , 27, 32-7		35
1237 Immediate loading implants: a clinical report of 1301 implants. <b>2002</b> , 28, 200-9		15
1236 One-step implant index verification and maxillomandibular relationship. <b>2002</b> , 11, 159-61		2
Nicotine and bone density around titanium implants: a histometric study in rabbits. <b>2002</b> , 11, 176-82		18
1234 Preliminary ossiculoplasty results using the Kurz titanium prostheses. <b>2002</b> , 23, 836-9		52
Influence of nicotine administration on different implant surfaces: a histometric study in rabbits. <b>2002</b> , 73, 206-12		33

1231	Intermittent cigarette smoke inhalation may affect bone volume around titanium implants in rats. <b>2002</b> , 73, 982-7		34
1230	Heat generation during implant drilling: the significance of motor speed. <b>2002</b> , 60, 1160-9		158
1229	The influence of functional forces on the biomechanics of implant-supported prosthesesa review. <b>2002</b> , 30, 271-82		213
1228	Peri-implant tissue response of immediately loaded, threaded, HA-coated implants: 1-year results. Journal of Prosthetic Dentistry, <b>2002</b> , 87, 173-81	4	35
1227	Conversion of a complete denture to a provisional implant-supported, screw-retained fixed prosthesis for immediate loading of a completely edentulous arch. <i>Journal of Prosthetic Dentistry</i> , <b>2002</b> , 87, 473-6	4	21
1226	The effect of repeated torque on the ultimate tensile strength of slotted gold prosthetic screws. Journal of Prosthetic Dentistry, <b>2002</b> , 88, 176-82	4	17
1225	Effects of enamel matrix derivative to titanium implantation in rat femurs. 2002, 60, 269-76		29
1224	A multicenter prospective evaluation of 2-months loaded Osseotite implants placed in the posterior jaws: 3-year follow-up results. <b>2002</b> , 13, 154-61		90
1223	Effect of RGD peptide coating of titanium implants on periimplant bone formation in the alveolar crest. An experimental pilot study in dogs. <b>2002</b> , 13, 312-9		130
1222	Implant-retained mandibular overdentures with ITI implants. <b>2002</b> , 13, 495-501		83
1221	Cytokine release by osteoblast-like cells cultured on implant discs of varying alloy compositions. <b>2002</b> , 13, 623-30		28
1220	Finite element analysis on dental implant-supported prostheses without passive fit. <b>2002</b> , 11, 30-40		27
1219	Production of thin calcium phosphate coatings from glass source materials. <b>2002</b> , 13, 175-84		7
1218	Preparation of hydroxyapatite-granule- implanted titanium alloy composites with a cylindrical shape. <b>2002</b> , 13, 233-6		4
1217	Hydroxyapatite coating of titanium by biomimetic method. <b>2002</b> , 13, 891-4		18
1216	Effect of intermittent parathyroid hormone (1-34) treatment on the bone response after placement of titanium implants into the tibia of ovariectomized rats. <b>2003</b> , 61, 471-80		69
1215	An alternate treatment method for a fixed-detachable hybrid prosthesis: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2003</b> , 89, 239-43	4	10
1214	Histologic evaluation of an immediately loaded titanium provisional implant retrieved after functioning for 18 months: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2003</b> , 89, 331-4	4	12

## (2003-2003)

1213	Longitudinal treatment of a severely atrophic mandible: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2003</b> , 90, 116-20	8
1212	Thromboresistance of alkali- and heat-treated titanium metal formed with apatite. <b>2003</b> , 65, 409-16	17
1211	Biologic significance of surface microroughing in bone incorporation of porous bioactive glass implants. <b>2003</b> , 67, 496-503	38
1210	Element release from titanium devices used in oral and maxillofacial surgery. <b>2003</b> , 24, 1093-9	52
1209	Bone contact, growth, and density around immediately loaded implants in the mandible of mini pigs. <b>2003</b> , 14, 312-21	96
1208	Mandibular flexure and stress build-up in mandibular full-arch fixed prostheses supported by osseointegrated implants. <b>2003</b> , 14, 103-14	62
1207	Osseous healing characteristics of three different implant types. <b>2003</b> , 14, 150-7	134
1206	Immediate loading of single-tooth implants in the anterior maxilla. Preliminary results after one year. <b>2003</b> , 14, 180-7	118
1205	In-patient comparison of immediately loaded and non-loaded implants within 6 months. 2003, 14, 273-9	42
1204	Healing of transplanted composite bone grafts-implants: a pilot animal study. <b>2003</b> , 14, 750-8	3
1203	Implant-retained mandibular overdentures with immediate loading: a 3- to 8-year prospective study on 328 implants. <b>2003</b> , 5, 29-38	108
1202	3-year prospective multicenter study on one-stage implant surgery and early loading in the edentulous mandible. <b>2003</b> , 5, 39-46	37
1201	Effect of estrogen and calcitonin therapies on bone density in a lateral area adjacent to implants placed in the tibiae of ovariectomized rats. <b>2003</b> , 74, 1618-24	22
1200	Bone-implant interface around titanium implants under different loading conditions: a histomorphometrical analysis in the Macaca fascicularis monkey. <b>2003</b> , 74, 1483-90	75
1199	Treatment of advanced periodontal destruction with immediately loaded implants and simultaneous bone augmentation: a case report. <b>2003</b> , 74, 255-61	17
1198	A comparative study on the effect of nicotine administration and cigarette smoke inhalation on bone healing around titanium implants. <b>2003</b> , 74, 1454-9	92
1197	Response of rat bone marrow cells to commercially pure titanium submitted to different surface treatments. <b>2003</b> , 31, 173-80	53
1196	A prospective, multicenter, 4-year study of the ACE Surgical resorbable blast media implant. <b>2003</b> , 29, 174-80	17

1195	Estrogen deficiency affects bone healing around titanium implants: a histometric study in rats. <b>2003</b> , 12, 340-6		87
1194	Current Trends in Immediate Osseous Dental Implant Case Selection Criteria. 2003, 67, 850-859		9
1193	Short-term immunosuppressive therapy does not affect the density of the pre-existing bone around titanium implants placed in rabbits. <b>2003</b> , 17, 362-6		10
1192	Evaluation of the adaptation interface of one-piece implant-supported superstructures obtained in Ni-Cr-Ti and Pd-Ag alloys. <b>2003</b> , 14, 197-202		13
1191	Immediate functional load of mandibular implant overdentures: a surgical and prosthodontic rationale of 2 implant modalities. <b>2004</b> , 30, 297-306		2
1190	Present status of immediate loading of oral implants. <b>2004</b> , 30, 189-97		63
1189	Calciumtitanat (Ca4Ti3O10)lein neues Material fil Implantatbeschichtungen. <b>2004</b> , 5,		1
1188	Use of polyethylene ribbon to create a provisional fixed partial denture after immediate implant placement: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 91, 11-14	4	9
1187	Immediate loading of hydroxyapatite-coated implants in the maxillary premolar area: three-year results of a pilot study. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 91, 228-33	4	44
1186	The influence of implant location and length on stress distribution for three-unit implant-supported posterior cantilever fixed partial dentures. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 91, 234-40	4	69
1185	Evaluation of shear bond strength at the interface of two porcelains and pure titanium injected into the casting mold at three different temperatures. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 91, 541-7	4	30
1184	Clinical application of surgical fixation screws in implant prosthodonticsPart II: Indexing implant position. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 92, 496-9	4	4
1183	Analysis of strain around endosseous dental implants opposing natural teeth or implants. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 92, 441-6	4	23
1182	A review of selected dental literature on evidence-based treatment planning for dental implants: report of the Committee on Research in Fixed Prosthodontics of the Academy of Fixed Prosthodontics. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 92, 447-62	4	107
1181	Effect of surface finish on the osseointegration of laser-treated titanium alloy implants. <b>2004</b> , 25, 4057-	-64	175
1180	Bioengineering: 25 years of progressBut still only a beginning. <b>2004</b> , 26, 415-431		7
1179	Slip Casting of Titanium Powder for Dental Prosthetic Appliances. <b>2004</b> , 45, 1132-1139		6
1178	Immediate loading with mini dental implants in the fully edentulous mandible. 2004, 13, 367-72		51

### (2005-2005)

1177	Study of osteointegration of a titanium prosthesis to the stapes: observations on an accidentally extracted stapes. <b>2005</b> , 26, 583-6	8
1176	Influence of cortical bone quality on stress distribution in bone around dental implant. <b>2005</b> , 24, 219-24	52
1175	Commercial Purity Titanium Processed by Rotary-Die Equal Channel Angular Pressing Method. <b>2005</b> , 46, 2098-2101	8
1174	Laser-osteotomy induced changes in bone. <b>2005</b> , 20, 25-36	18
1173	Parameters of Care for the Specialty of Prosthodontics. <b>2005</b> , 14, 2-103	2
1172	Histologic and histomorphometric analysis of three types of dental implants following 18 months of occlusal loading: a preliminary study in baboons. <b>2005</b> , 16, 408-16	38
1171	Effect of magnetic field on the fibronectin adsorption, cell attachment and proliferation on titanium surface. <b>2005</b> , 16, 557-62	26
1170	An immediately loaded CAD/CAM-guided definitive prosthesis: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2005</b> , 93, 8-12	56
1169	A modified bur for improved access to the implant analogue on the solid stone cast. <i>Journal of Prosthetic Dentistry</i> , <b>2005</b> , 93, 495-6	
1168	Techniques to facilitate provisionalization of implant restorations. <b>2005</b> , 63, 72-9	13
1167	Influence of implant/abutment joint designs on abutment screw loosening in a dental implant system. <b>2005</b> , 75, 457-63	69
1166	Titanium implant materials with improved biocompatibility through coating with phosphonate-anchored cyclic RGD peptides. <b>2005</b> , 6, 2034-40	92
1165	Material-specific thrombin generation following contact between metal surfaces and whole blood. <b>2005</b> , 26, 1397-403	63
1164	Titaniumhydroxyapatite porous structures for endosseous applications. <b>2005</b> , 16, 1165-71	22
1163	. 2005,	23
1162	Temporary anchorage devices in orthodontics: A paradigm shift. <b>2005</b> , 11, 3-9	105
1161	Palatal implants: The Straumann Orthosystem. <b>2005</b> , 11, 16-23	14
1160	Immediate functional loading of edentulous maxilla: a 5-year retrospective study of 388 titanium implants. <b>2005</b> , 76, 1016-24	92

1159	Age-related and surgically induced estrogen deficiencies may differently affect bone around titanium implants in rats. <b>2005</b> , 76, 1496-501	18
1158	Alendronate therapy may be effective in the prevention of bone loss around titanium implants inserted in estrogen-deficient rats. <b>2005</b> , 76, 107-14	52
1157	Implants palatins : Orthosystem de Straumann. <b>2005</b> , 1, 281-290	
1156	Effect of cigarette smoke inhalation and estrogen deficiency on bone healing around titanium implants: a histometric study in rats. <b>2006</b> , 77, 599-605	17
1155	Problematic bone fixation with pyrocarbon implants in proximal interphalangeal joint replacement: short-term results. <b>2006</b> , 31, 643-51	83
1154	Histomorphometric analysis of pure titanium implants with porous surface versus rough surface. <b>2006</b> , 14, 213-8	41
1153	The dynamics in implantation for patients with clefts. <b>2006</b> , 43, 84-91	10
1152	Orbital reconstruction: bone-anchored implants. <b>2006</b> , 17, 848-53	7
1151	Mode superposition transient dynamic analysis for dental implants with stress-absorbing elements: a finite element analysis. <b>2006</b> , 25, 480-6	6
1150	Rehabilitation of a spark erosion prosthesis: a clinical report. <b>2006</b> , 15, 113-6	1
1149	Soft tissue around three different implant types after 1.5 years of functional loading without oral hygiene: a preliminary study in baboons. <b>2006</b> , 17, 229-36	14
1148	Ninety percent success in palatal implants loaded 1 week after placement: a clinical evaluation by resonance frequency analysis. <b>2006</b> , 17, 445-50	56
1147	Tissue engineering strategies for the future generation of dental implants. 2006, 41, 157-76	31
1146	Parallel screw cylinder implants: comparative analysis between immediate loading and two-stage healing of 1,005 dental implants with a 2-year follow up. <b>2006</b> , 8, 151-60	41
1145	Syncrystallization: a technique for temporization of immediately loaded implants with metal-reinforced acrylic resin restorations. <b>2006</b> , 8, 123-34	27
1144	Definitive CAD/CAM-guided prosthesis for immediate loading of bone-grafted maxilla: a case report. <b>2006</b> , 8, 161-7	38
1143	Benzylprotected aromatic phosphonic acids for anchoring peptides on titanium. <b>2006</b> , 16, 271-3	10
1142	Scanning electron microscopy and energy dispersive X-ray study of a recovered dental implant. <b>2006</b> , 17, 277-9	8

## (2007-2006)

1141	Osseointegration of hollow cylinder based spinal implants in normal and osteoporotic vertebrae: a sheep study. <b>2006</b> , 126, 554-61	20
1140	Fabrication methods of porous metals for use in orthopaedic applications. <b>2006</b> , 27, 2651-70	1032
1139	Evaluation of stress induced in peri-implant bone tissue by misfit in multi-implant prosthesis. <b>2006</b> , 22, 388-95	55
1138	Implant reconstruction of the bone-grafted maxilla: review of the literature and presentation of 8 cases. <b>2006</b> , 64, 674-82	36
1137	Characterization of nano hydroxyapatite/collagen surfaces and cellular behaviors. 2006, 79, 114-27	63
1136	Use of mini implants for replacement and immediate loading of 2 single-tooth restorations: a clinical case report. <b>2006</b> , 32, 82-6	17
1135	Use of a resin-bonded fixed partial denture with a removable pontic during the osseointegration period of a single implant treatment: a clinical report. <b>2006</b> , 32, 44-6	
1134	Tapered orthodontic miniscrews induce bone-screw cohesion following immediate loading. <b>2006</b> , 28, 541-6	37
1133	Histomorphometric Analysis of Zirconia/Alumina Composite and CP Titanium Treaded Implants in Rabbit Tibia. <b>2006</b> , 309-311, 437-440	1
1132	An Inverted Observation Technique for Interactions Between Titanium Oxide and Cells on Commercially Pure Titanium. <b>2006</b> , 309-311, 363-366	7
1131	Lateral bone condensing and expansion for placement of endosseous dental implants: a new technique. <b>2006</b> , 32, 87-94	22
1130	Severe Plastic Deformation of Commercially Pure Titanium by Rotary-Die Equal Channel Angular Pressing Method. <b>2006</b> , 503-504, 717-720	
1129	Trends in prosthodontics. <b>2006</b> , 15, 167-79	43
1128	Functionalisation of dental implant surfaces using organic and inorganic coatings. 2007, 8,	1
1127	Formation of Titanium Oxide/Titanium/Plastic Composites. 2007, 361-363, 487-490	2
1126	Comparison of the compressive strength of 3 different implant design systems. <b>2007</b> , 33, 1-7	15
1125	Damage Evaluation of Bone Tissues with Dental Implants. <b>2007</b> , 348-349, 905-908	4
1124	Evaluation of Calcium Phosphate Coating Films on Titanium Fabricated Using RF Magnetron Sputtering. <b>2007</b> , 48, 307-312	32

1123 Surgical Considerations in Implant Dentistry: Integration of Hard and Soft Tissues. 227-234

1122 Hard Tissue Replacements. <b>2007</b> , 9-1-9-35		
1121 Compressive osseointegration of modular endop	rostheses. <b>2007</b> , 18, 590-603	6
Immediate provisionalization on a new implant de crestal bone. <b>2007</b> , 16, 155-64	esign for esthetic restoration and preserving	43
Microsurgical reconstruction of posttraumatic hig effectiveness of early reconstruction. <b>2007</b> , 120,		77
1118 Implants for life? A critical review of implant-supp	ported restorations. <b>2007</b> , 35, 768-72	24
1117 Cyclooxygenase-2 activity is essential for the osse	eointegration of dental implants. <b>2007</b> , 36, 441-6	28
1116 Osteointegraciពី en amputados de miembros. <b>200</b>	<b>97</b> , 41, 180-184	1
1115 Treatment of the Edentulous Mandible with an Im	nmediate Occlusal Loading Protocol. 173-197	
1114 Treatment Complications in the Esthetic Zone. 30	)1-327	
A Retrospective study on Britemark TiUnitell impreplacement. <b>2007</b> , 37, 705	olant for mandibular posterior single tooth	
1112 . <b>2007</b> ,		5
The effect of enzymatically degradable IPN coating fixation. <b>2007</b> , 81, 720-7	ngs on peri-implant bone formation and implant	19
Osteoblast response to titanium regulates transc pathway. <b>2007</b> , 81, 446-52	riptional activity of Runx2 through MAPK	15
1109 Surface modifications and cell-materials interaction	ons with anodized Ti. <b>2007</b> , 3, 573-85	267
1108 Preferred growth orientation of biomimetic apati	ite crystals. <b>2007</b> , 304, 464-471	70
1107 Treatment of an edentulous patient with CAD/CA	AM technology: a clinical report. <b>2007</b> , 16, 200-8	7
Placement and restoration of dental implants in a literature review and clinical report. <b>2008</b> , 17, 35-	patient with Paget's disease in remission: 40	4

1105	Eleven-year report on a predoctoral implant dentistry program. <b>2008</b> , 17, 64-8	19
1104	Platelet-rich plasma activity on maxillary sinus floor augmentation by autologous bone. <b>2007</b> , 18, 252-62	60
1103	Periimplant tissue response following immediate provisional restoration of scalloped implants in the esthetic zone: a one-year pilot prospective multicenter study. <i>Journal of Prosthetic Dentistry</i> , <b>2007</b> , 97, S109-18	65
1102	Accuracy of two impression techniques with angulated implants. <i>Journal of Prosthetic Dentistry</i> , <b>2007</b> , 97, 349-56	104
1101	Telescoping implant prostheses with intraoral luted galvano mesostructures to improve passive fit.  Journal of Prosthetic Dentistry, 2007, 98, 239-44	24
1100	Severe bidentoalveolar protrusion treated with orthodontic microimplant-dependent en-masse retraction. <b>2007</b> , 132, 105-15	47
1099	Sol-Gel-derived TiO2-SiO2 implant coatings for direct tissue attachment. Part II: Evaluation of cell response. <b>2007</b> , 18, 1633-42	54
1098	Surface modification of titanium implants using bioactive glasses with air abrasion technologies. <b>2007</b> , 18, 2291-6	17
1097	The bisphosphonate ibandronate accelerates osseointegration of hydroxyapatite-coated cementless implants in an animal model. <b>2007</b> , 12, 61-6	42
1096	The structure of titanate nanobelts used as seeds for the nucleation of hydroxyapatite at the surface of titanium implants. <b>2008</b> , 4, 1934-43	18
1095	Histomorphometric evaluation of implants coated with enamel or dentine derived fluoride-substituted apatite. <b>2008</b> , 19, 59-65	10
1094	Histologic and histomorphometric evaluation of early and immediately loaded implants in the dog mandible. <b>2008</b> , 86, 1122-7	11
1093	Hardness and elastic modulus of TiO2 anodic films measured by instrumented indentation. <b>2008</b> , 84, 524-30	50
1092	Effect of surface structure on biomechanical properties and osseointegration. 2008, 28, 1448-1461	22
1091	Osseointegration of a subperiosteal anchoring device in the minipig mandible. 2008, 133, 743-7	6
1090	Immediate provisional restoration of XiVE screw-type implants in the posterior mandible. <b>2008</b> , 19, 160-5	13
1089	Type 2 diabetes has minimal effect on osseointegration of titanium implants in Psammomys obesus. <b>2008</b> , 19, 458-64	31
1088	Immediate/early loading of dental implants. Clinical documentation and presentation of a treatment concept. <b>2008</b> , 47, 90-112	50

1087	Immediate single-tooth implants in the anterior maxilla: a 1-year case cohort study on hard and soft tissue response. <b>2008</b> , 35, 649-57		183
1086	Splinting osseointegrated implants and natural teeth in rehabilitation of partially edentulous patients. Part I: Laboratory and clinical studies. <b>2008</b> , 24, 863-870		3
1085	Passive fit of frameworks in titanium and palladium-silver alloy submitted the laser welding. <b>2008</b> , 35, 123-7		14
1084	The management of a severely resorbed edentulous maxilla using a bone graft and a CAD/CAM-guided immediately loaded definitive implant prosthesis: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2008</b> , 99, 85-90	4	14
1083	The management of a completely edentulous patient using simultaneous maxillary and mandibular CAD/CAM-guided immediately loaded definitive implant-supported prostheses: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2008</b> , 99, 416-20	4	2
1082	A technique for duplicating a fixed complete denture. <i>Journal of Prosthetic Dentistry</i> , <b>2008</b> , 100, 316-9	4	
1081	Customised Implants for Bone Replacement and Growth. 2008, 79-107		8
1080	Bio-Materials and Prototyping Applications in Medicine. 2008,		29
1079	Removal torque and histomorphometric evaluation of bioceramic grit-blasted/acid-etched and dual acid-etched implant surfaces: an experimental study in dogs. <b>2008</b> , 79, 1942-9		68
1078	Implant placement in extraction sockets: a short review of the literature and presentation of a series of three cases. <b>2008</b> , 34, 97-106		18
1077	????????????????. <b>2008</b> , 58, 577-582		17
1076	Evaluation of the influence of location of osseointegrated implants associated with mandibular removable partial dentures. <b>2008</b> , 17, 278-87		50
1075	Application of Finite Element Analysis for Taper Implant-abutment Joints in Dental Implant Systems. <b>2008</b> , 7, 1-6		2
1074	Retention of Teeth Versus Extraction and Implant Placement: Treatment Preferences of Dental Faculty and Dental Students. <b>2008</b> , 72, 352-358		13
1073	Fabrication and Evaluation of Calcium Phosphate Coating Films on Blast-treated Ti-6Al-4V Alloy Substrate. <b>2008</b> , 55, 318-324		4
1072	Relation between implant/abutment vertical misfit and torque loss of abutment screws. <b>2008</b> , 19, 358-0	63	28
1071	Porous titanium scaffolds produced by powder metallurgy for biomedical applications. <b>2008</b> , 11, 275-28	30	40
1070	Three-dimensional finite element analysis on stress distribution of the mandibular implant-supported cantilever prostheses depending on the designs. <b>2009</b> , 47, 70		2

1069 Screw Joint Stability under Cyclic Loading of Zirconia Implant Abutments. **2009**, 47, 164

1068 [Drug release of coated dental implant neck region to improve tissue integration]. <b>2009</b> , 54, 219-27	3
The effect of force, timing, and location on bone-to-implant contact of miniscrew implants. <b>2009</b> , 31, 232-40	28
Effect of heat treatment of nano-hydroxyapatite coatings prepared using electrohydrodynamic deposition. <b>2009</b> , 2, 477	O
1065 [Passive and active middle ear implants]. <b>2009</b> , 88 Suppl 1, S32-47	18
Immediate placement and temporization of implants: three- to five-year retrospective results. <b>2009</b> , 35, 136-42	8
1063 [Biomaterials for craniofacial reconstruction]. <b>2009</b> , 88 Suppl 1, S48-63	6
Superior biocompatibility and osteogenic efficacy of micro-arc oxidation-treated titanium implants in the canine mandible. <b>2009</b> , 4, 055003	8
Processing and microstructure characterization of a novel porous hierarchical TiO2 structure. <b>2009</b> , 24, 1683-1687	5
Histomorphometric evaluation of alumina-blasted/acid-etched and thin ion beam-deposited bioceramic surfaces: an experimental study in dogs. <b>2009</b> , 67, 602-7	25
2059 Zirconia abutments for single-tooth implantsrationale and clinical guidelines. <b>2009</b> , 67, 74-81	41
1058 A review of dental implants and infection. <b>2009</b> , 72, 104-10	318
The management of an edentulous maxilla using a CAD/CAM-guided immediately loaded provisional implant prosthesis with screw-retained and cement-retained abutments: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2009</b> , 102, 340-4	1
Behavior of rat periodontal ligament cells on fibroblast growth factor-2-immobilized titanium surfaces treated by plasma modification. <b>2009</b> , 91, 69-75	7
In vitro and in vivo evaluation on the bioactivity of ZnO containing nano-hydroxyapatite/chitosan cement. <b>2010</b> , 93, 269-79	10
A mechanobiological model for tissue differentiation that includes angiogenesis: a lattice-based modeling approach. <b>2009</b> , 37, 129-45	126
The influence of mechanical loading on osseointegration: an animal study. <b>2009</b> , 52, 579-86	5
1052 Temporary orthodontic anchorage devices for improving occlusion. <b>2009</b> , 12, 195-205	9

1051	Histomorphometric evaluation of a nanothickness bioceramic deposition on endosseous implants: a study in dogs. <b>2009</b> , 11, 292-302	19
1050	Early bone healing around different implant bulk designs and surgical techniques: A study in dogs. <b>2010</b> , 12, 202-8	53
1049	Tooth- and tissue-supported provisional restorations for the treatment of patients with extended edentulous spans. <b>2009</b> , 21, 7-17; discussion 18	6
1048	Unconventional implant treatment: I. Implant placement in contact with ankylosed root fragments. A series of five case reports. <b>2009</b> , 20, 851-6	42
1047	Human alveolar bone cell proliferation, expression of osteoblastic phenotype, and matrix mineralization on porous titanium produced by powder metallurgy. <b>2009</b> , 20, 472-81	47
1046	Histometric evaluation of bone around titanium implants with different surface treatments in rats exposed to cigarette smoke inhalation. <b>2009</b> , 20, 588-93	21
1045	Comparison of the passivity between cast alloy and laser-welded titanium overdenture bars. <b>2009</b> , 18, 656-62	5
1044	Electrochemical synthesis of silica-doped high aspect-ratio titania nanotubes as nanobioceramics for implant applications. <b>2009</b> , 54, 3255-3269	32
1043	Nanomechanics of biocompatible TiO(2) nanotubes by Interfacial Force Microscopy (IFM). <b>2009</b> , 2, 580-7	31
1042	Dental implant induced bone remodeling and associated algorithms. <b>2009</b> , 2, 410-32	107
1042	Dental implant induced bone remodeling and associated algorithms. <b>2009</b> , 2, 410-32  Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. <b>2009</b> , 91, 975-9	107 34
	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. <b>2009</b> , 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study.	
1041	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. <b>2009</b> , 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study.	34
1041 1040	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. <b>2009</b> , 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study. <b>2009</b> , 136, 268-76	34
1041	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. 2009, 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study. 2009, 136, 268-76  Root and pulp response after intentional injury from miniscrew placement. 2009, 136, 708-14  Microstructure and phase transition of biocompatible titanium oxide film on titanium by plasma	34 30 35
1041 1040 1039 1038	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. 2009, 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study. 2009, 136, 268-76  Root and pulp response after intentional injury from miniscrew placement. 2009, 136, 708-14  Microstructure and phase transition of biocompatible titanium oxide film on titanium by plasma discharging. 2009, 476, 683-688	34 30 35 36
1041 1040 1039 1038	Histomorphologic analysis of 30 plateau root form implants retrieved after 8 to 13 years in function. A human retrieval study. 2009, 91, 975-9  Analysis of temporary skeletal anchorage devices used for en-masse retraction: a preliminary study. 2009, 136, 268-76  Root and pulp response after intentional injury from miniscrew placement. 2009, 136, 708-14  Microstructure and phase transition of biocompatible titanium oxide film on titanium by plasma discharging. 2009, 476, 683-688  Blood interactions with noble metals: coagulation and immune complement activation. 2009, 1, 1053-62	34 30 35 36 34

### (2010-2009)

1033	esthetic zone: up to 6 years of follow-up. <b>2009</b> , 18, 326-33	56
1032	Incisive canal deflation for correct implant placement: case report. <b>2009</b> , 18, 473-9	11
1031	Immediate loading of modified acid etched dental implants in postextraction sockets: a histological and histomorphometrical comparative study in nonhuman primate Papio ursinus. <b>2009</b> , 18, 142-50	15
1030	Comparison of prefabricated and custom-made bars used for implant-retained mandibular complete overdentures. <b>2009</b> , 18, 501-11	12
1029	Calcium Phosphate Films with/without Heat Treatments Fabricated Using RF Magnetron Sputtering. <b>2009</b> , 4, 392-403	13
1028	Precipitation Behavior in a Hanks’ Solution on Ca-P-O Films Prepared by Laser CVD. <b>2009</b> , 50, 2455-2459	4
1027	Cleft Palate Obturation With Britemark Protocol Implant-Supported Fixed Denture and Removable Obturator. <b>2010</b> , 47, 211-215	6
1026	Immediate implant placement: positives and negatives. <b>2010</b> , 19, 98-108	62
1025	Passivity in implant-supported prosthesis. <b>2010</b> , 21, 2026-9	9
1024	Nontraumatic bone expansion for immediate dental implant placement: an analysis of 21 cases. <b>2010</b> , 19, 92-7	13
1023	Harnessing the potential of the free fibula osteoseptocutaneous flap in mandible reconstruction. <b>2010</b> , 125, 305-314	91
1022	Surface Treatments of Titanium Anodized in Phosphoric Acid Solution and in Vitro Cell Responses. <b>2010</b> , 57, 306-313	2
1021	Cell Cultivation on Porous Titanium Implants with Various Structures. <b>2010</b> , 4, 572-579	12
1020	Miniscrews in orthodontic treatment: review and analysis of published clinical trials. <b>2010</b> , 137, 108-13	126
1019	Biocompatibility Study of Zirconium-Based Bulk Metallic Glasses for Orthopedic Applications. <b>2010</b> , 41, 1726-1734	30
1018	Effect of zoledronic acid on osseointegration of titanium implants: an experimental study in an ovariectomized rabbit model. <b>2010</b> , 68, 515-23	47
1017	Histomorphologic and bone-to-implant contact evaluation of dual acid-etched and bioceramic grit-blasted implant surfaces: an experimental study in dogs. <b>2010</b> , 68, 1877-83	7
1016	Biomechanical evaluation of endosseous implants at early implantation times: a study in dogs. <b>2010</b> , 68, 1667-75	24

Poster Board Number: 11: Histologic and Biomechanical Evaluation of Alumina-Blasted Acid-Etched and Resorbable Blasting Media Surfaces. **2010**, 68, e66

1014 High energy ball-mill behavior of titania + hydroxyapatite composite nano-powders.	<b>2010</b> , 61, 1290-1293 <i>7</i>
The influence of short-heating-cycle investments on the quality of commercially pure castings. <i>Journal of Prosthetic Dentistry</i> , <b>2010</b> , 104, 265-72	e titanium 4 6
1012 Tissue-response to calcium-bonded titanium surface. <b>2010</b> , 95, 33-9	26
1011 Enhancement of osteoblast biocompatibility on titanium surface with Terrein treatm	nent. <b>2010</b> , 28, 678-85 33
The performance of bone marrow mesenchymal stem cellimplant complexes prepares sheet engineering techniques. <b>2010</b> , 31, 3212-21	red by cell 44
1009 Mathematical model of the coagulation in the bone-dental implant interface. <b>2010</b> , 4	10, 791-801
Influence of cusp inclination on stress distribution in implant-supported prostheses. three-dimensional finite element analysis. <b>2010</b> , 19, 381-6	A 23
1007 Effects of abutment screw coating on implant preload. <b>2010</b> , 19, 458-64	50
A simplified technique for creating a customized gingival emergence profile for imple crowns. <b>2010</b> , 19, 497-501	ant-supported 16
Influence of material of overdenture-retaining bar with vertical misfit on three-dimendistribution. <b>2010</b> , 19, 425-31	nsional stress 32
Effect of retorque on loosening torque of prosthetic screws under two levels of fit o implant-supported dentures. <b>2010</b> , 21, 12-7	f 32
Effect of impression coping and implant angulation on the accuracy of implant imprevitro study. <b>2010</b> , 2, 128-33	essions: an in 27
1002 Fabrication and Evaluation of Multi-layered Calcium Phosphate Coating Film on Titan	nium. <b>2010</b> , 57, 314-320 1
Evaluation of bone ingrowth into porous titanium implant: histomorphometric analys <b>2010</b> , 24, 399-405	sis in rabbits.
1000 Porous titanium for biomedical applications: An experimental study on rabbits. <b>2010</b> ,	, e407-e412 29
Cleft palate obturation with Britiemark protocol implant-supported fixed denture and obturator. <b>2010</b> , 47, 211-5	d removable 5
998 Rapid prototyping in biomedical engineering: structural intricacies of biological mate	erials. <b>2010</b> , 349-397   4

997	Rapid prototyping technologies in soft tissue facial prosthetics: current state of the art. <b>2010</b> , 16, 130-137	49
996	Long-term results of immediately loaded fast bone regeneration-coated implants placed in fresh extraction sites in the upper jaw. <b>2010</b> , 36, 251-61	11
995	A modified plastic shell technique for cement-retained implant restorations. <b>2010</b> , 36, 291-4	
994	Avalia® Radiogrfica de Ajuste Passivo em Estruturas Implanto-Suportadas. <b>2010</b> , 51, 207-215	1
993	Advances in lower-limb prosthetic technology. <b>2010</b> , 21, 87-110	52
992	Some dogmas related to prosthodontics, temporomandibular disorders and occlusion. <b>2010</b> , 68, 313-22	51
991	Surface treatment at the cervical region and its effect on bone maintenance after immediate implantation: an experimental study in dogs. <b>2010</b> , 110, 182-7	16
990	Titanium Surface Modification Techniques for Implant Fabrication From Microscale to the Nanoscale. <b>2010</b> , 5, 39-56	9
989	In vivo evaluation of poorly crystalline hydroxyapatite-based biphasic calcium phosphate bone substitutes for treating dental bony defects. <b>2010</b> , 5, 100-108	14
988	A feasibility of useful cell-based therapy by bone regeneration with deciduous tooth stem cells, dental pulp stem cells, or bone-marrow-derived mesenchymal stem cells for clinical study using tissue engineering technology. <b>2010</b> , 16, 1891-900	87
987	The role of primary stability for successful immediate loading of dental implants. A literature review. <b>2010</b> , 38, 612-20	288
986	. 2010,	O
985	Marginal bone loss around implants supporting fixed restorations. <b>2011</b> , 37, 549-58	24
984	Bone drilling: An area seeking for improvement. <b>2011</b> ,	2
983	Gli impianti post-estrattivi: indicazioni, limiti, tecnica chirurgica. <b>2011</b> , 79, 187-201	
982	Bone density assessment of oral implant sites using texture parameters. <b>2011</b> , 2, 167-180	2
981	The use of light/chemically hardened polymethylmethacrylate, polyhydroxyethylmethacrylate, and calcium hydroxide graft material in combination with polyanhydride around implants in minipigs: part I: immediate stability and function. <b>2011</b> , 82, 1339-52	8
980	Reabilitaß implanto-suportada dos 4 incisivos superiores: quantidade, esttica e funß lfatores de decisß. <b>2011</b> , 52, 225-234	

979	A brief review on fabrication and applications of auto-organized TiO2 nanotube arrays. 2011, 29,	6
978	Tratamento endodfitico vs colocafi de implante: Factores de decisfi no sector estico anterior. <b>2011</b> , 52, 107-114	
977	Innovations in dental implant design for current therapy. <i>Dental Clinics of North America</i> , <b>2011</b> , 55, 649-63.3	
976	Dental implants and the use of rhBMP-2. <i>Dental Clinics of North America</i> , <b>2011</b> , 55, 883-907 3.3	7
975	Innovations in dental implant design for current therapy. <b>2011</b> , 23, 193-200, v	12
974	Dental implants and the use of rhBMP-2. <b>2011</b> , 23, 347-61, vii	24
973	Preparation and characterization of icariin/PHBV drug delivery coatings on anodic oxidized titanium. <b>2011</b> , 21, 2448-2453	10
972	Percutaneous osseointegrated prostheses for amputees: Limb compensation in a 12-month ovine model. <b>2011</b> , 44, 2601-6	40
971	Dental Implant Imaging: How CT Scan Became a Help to Surgery. <b>2011</b> ,	1
970	Immediate Loading with Intraoral Welding for Improved Implant Stability during Healing. <b>2011</b> , 2, 85-91	1
969	Nanostructured model implants for in vivo studies: influence of well-defined nanotopography on de novo bone formation on titanium implants. <b>2011</b> , 6, 3415-28	43
968	Accuracy of five implant impression technique: effect of splinting materials and methods. <b>2011</b> , 3, 177-85	28
967	Oral and maxillofacial devices. 505-559	1
966	Complex craniofacial reconstruction with prostheses as an alternative method to autogenous reconstruction. <b>2011</b> , 22, 2090-3	12
965	Biomechanical anchorage evaluation of mini-implants treated with sandblasting and acid etching in orthodontics. <b>2011</b> , 20, 273-9	10
964	The correlation of bone mineral density and histologic data in the early grafted maxillary sinus: a preliminary report. <b>2011</b> , 20, 202-14	17
963	Immediate loading of freestanding implants using cortical satellite implants: 3-year results of an ongoing prospective study. <b>2011</b> , 20, 341-4	2
962	The evaluation of the success of immediately placed single implants: a retrospective clinical study. <b>2011</b> , 20, 215-25	9

## (2011-2011)

961	Morphometric analysis of the Korean mandibular ramus for distraction osteogenesis using micro-computed tomography. <b>2011</b> , 22, 306-18	2
960	Alveolar regions of the mandible for the installation of immediate-implant fixtures and bone screws of alveolar distractors. <b>2011</b> , 22, 1056-60	1
959	Digital radiographic evaluation of the level of alveolar bone crest in external hexagon implants submitted to 2 types of implant abutments under immediate loading. <b>2011</b> , 22, 2312-7	4
958	Risk of lingual plate perforation during implant placement in the posterior mandible: a human cadaver study. <b>2011</b> , 20, 360-3	20
957	Stress analysis of mandibular two-implant overdenture with different attachment systems. <b>2011</b> , 30, 928-34	38
956	Osseointegration and Bioscience of Implant Surfaces - Current Concepts at Bone-Implant Interface. <b>2011</b> ,	17
955	Properties of titanium-hydroxyapatite composite materials fabricated via mechanical alloying and spark plasma sintering process. <b>2011</b> , 61, 192-198	6
954	De Gruyter. <b>2011</b> , 11,	
953	Evaluation of stress distribution in overdenture-retaining bar with different levels of vertical misfit. <b>2011</b> , 20, 280-5	16
952	Effect of implant-abutment connection design on load bearing capacity and failure mode of implants. <b>2011</b> , 20, 510-6	45
951	The comparison of marginal bone loss around mandibular overdenture-supporting implants with two different attachment types in a loading period of 36 months. <b>2011</b> , 28, 49-57	10
950	A novel in vitro approach to assess the fit of implant frameworks. <b>2011</b> , 22, 658-63	16
949	Rehabilitation of irradiated patients with modified and conventional sandblasted acid-etched implants: preliminary results of a split-mouth study. <b>2011</b> , 22, 546-51	42
948	Study of the osseointegration of dental implants placed with an adapted surgical technique. <b>2011</b> , 22, 753-759	17
947	Variation in the total lengths of abutment/implant assemblies generated with a function of applied tightening torque in external and internal implant-abutment connection. <b>2011</b> , 22, 834-9	47
946	Immediate loading after implant placement following tooth extraction up-regulates cellular activity in the dog mandible. <b>2011</b> , 22, 1372-8	9
945	Implants (3.3 mm diameter) for the rehabilitation of edentulous posterior regions: a retrospective clinical study with up to 11 years of follow-up. <b>2011</b> , 13, 95-103	52
944	Cancellous bone block allografts for the augmentation of the anterior atrophic maxilla. <b>2011</b> , 13, 104-11	46

943	Classification of maxillary central incisors-implications for immediate implant in the esthetic zone. <b>2011</b> , 69, 142-53		45
942	Surgical experience influences 2-stage implant osseointegration. <b>2011</b> , 69, 2771-6		22
941	The use of computer-aided manufacturing during the treatment of the edentulous mandible in an oral radiation therapy patient: clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2011</b> , 105, 154-7	4	7
940	A finite element method approach for the mechanobiological modeling of the osseointegration of a dental implant. <b>2011</b> , 101, 297-314		24
939	Enhanced osseointegration of titanium implant through the local delivery of transcription factor SATB2. <b>2011</b> , 32, 8676-83		24
938	Novel application of the 2-piece orthodontic C-implant for temporary crown restoration after orthodontic treatment. <b>2011</b> , 140, 569-79		12
937	Outcome after pelvic sarcoma resection and reconstruction with a modular hemipelvic prostheses. <b>2011</b> , 35, 1839-46		17
936	Evaluation of design parameters of dental implant shape, diameter and length on stress distribution: a finite element analysis. <i>Journal of Indian Prosthodontic Society, The</i> , <b>2011</b> , 11, 165-71	1.2	16
935	Extracellular matrix-mimetic adhesive biomaterials for bone repair. <b>2011</b> , 96, 261-72		166
934	Impact of mandibular two-implant retained overdentures on life quality in a group of elderly Turkish edentulous patients. <b>2011</b> , 53, 233-6		24
933	Correlation between vertical misfits and stresses transmitted to implants from metal frameworks. <b>2011</b> , 44, 1735-9		28
932	Advantages of CBCT in Evaluating the Direction of Dental Implant in Immediate Implant: A Case Report. <b>2011</b> , 140, 91-94		
931	Immediate loading in the maxillary arch: evidence-based guidelines to improve success rates: a review. <b>2011</b> , 37, 610-21		89
930	Evaluation of the effect of ozonated plant oils on the quality of osseointegration of dental implants under the influence of Cyclosporin A an in vivo study. <b>2011</b> , 37, 247-57		10
929	Integrin-Activated Reactions to Metallic Implant Surfaces. <b>2011</b> , 101-113		
928	Formation of Porous Structure of the Metallic Materials Used on Bone Implants. <b>2011</b> , 183, 155-162		1
927	[Immediate implant loading with fixed dental restorationsan animal model study]. 2012, 69, 181-9		1
926	Implant-Assisted Prosthetic Reconstruction after Tumor Ablation. <b>2012</b> , 592-603		

## (2012-2012)

925	Immediate loading of maxillary and mandibular implant-supported fixed complete dentures: a 1- to 10-year retrospective study. <b>2012</b> , 38 Spec No, 469-76	32
924	Bilateral bone-anchored hearing aids for bilateral permanent conductive hearing loss: a systematic review. <b>2012</b> , 147, 412-22	38
923	Comparison between graft and no-graft in an immediate placed and immediate nonfunctional loaded implant. <b>2012</b> , 21, 97-103	20
922	A single-center retrospective analysis of 1001 consecutively placed NobelActive implants. <b>2012</b> , 21, 28-35	11
921	In Vivo Aging and Corrosion Aspects of Dental Implants. <b>2012</b> , 79-92	
920	Deformation of implant abutments after framework connection using strain gauges. <b>2012</b> , 38, 125-32	5
919	A Review of Titanium Zirconium (TiZr) Alloys for Use in Endosseous Dental Implants. <b>2012</b> , 5, 1348-1360	132
918	Assessment of the Quality of Newly Formed Bone around Titanium Alloy Implants by Using X-Ray Photoelectron Spectroscopy. <b>2012</b> , 2012, 615018	9
917	Effect of static magnetic fields on the osseointegration of immediately placed implants: a randomized controlled clinical trial. <b>2012</b> , 21, 491-5	10
916	Topography of the submental artery that should be considered in bleeding during dentoalveolar surgery. <b>2012</b> , 23, 1453-6	12
915	Stem cells in dentistryPart II: Clinical applications. <b>2012</b> , 56, 229-48	118
914	Titanium Surface Modification Techniques for Dental Implants From Microscale to Nanoscale. <b>2012</b> , 85-102	9
913	Mathematical model of electrotaxis in osteoblastic cells. <b>2012</b> , 88, 134-43	9
912	Finite element analysis of bone-implant biomechanics: refinement through featuring various osseointegration conditions. <b>2012</b> , 41, 1090-6	20
911	Effect of vertical misfit on strain within screw-retained implant titanium and zirconia frameworks. <b>2012</b> , 56, 102-9	30
910	Early in contrast to recent methods to evaluate masticatory function in implant patients. <b>2012</b> , 56, 3-10	4
909	Lūtilizzo dei prodotti a lento rilascio nelle perimplantiti. <b>2012</b> , 38, 89-94	
908	Impronta in implantoprotesi: misura della contrazione delle resine polimeriche per il rilievo della posizione intraorale con transfert pick-up. <b>2012</b> , 11, 42-55	

907	Cortical bone drilling and thermal osteonecrosis. Clinical Biomechanics, 2012, 27, 313-25	2.2	252
906	Fit of CAD/CAM Implant Frameworks: A Comprehensive Review. <b>2012</b> , 141208072802005		2
905	Esthetics in implant-supported prostheses: a literature review. <b>2012</b> , 38, 718-22		5
904	Comparative analysis of different joining techniques to improve the passive fit of cobalt-chromium superstructures. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 108, 377-85	4	16
903	Maxillofacial prosthodontic management of an ablative maxillary surgical defect using a combination of conventional obturator prosthesis and an early loading implant supported high-strength full ceramic fixed dental prosthesis. <b>2012</b> , 33, 13-8		
902	Degradation of Implant Materials. 2012,		19
901	Application of intra-oral dental scanners in the digital workflow of implantology. <b>2012</b> , 7, e43312		145
900	Effects of implant collar design on marginal bone and soft tissue. <b>2012</b> , 50, 21		6
899	Free-form-fabricated commercially pure Ti and Ti6Al4V porous scaffolds support the growth of human embryonic stem cell-derived mesodermal progenitors. <b>2012</b> , 2012, 646417		34
898	Surface Aspects of Titanium Dental Implants. 2012,		
897	Standard of disocclusion in complete dentures supported by implants without free distal ends: analysis by the finite elements method. <b>2012</b> , 20, 64-9		5
896	Dental implants: the basics for dental nurses. <b>2012</b> , 8, 574-578		
895	The Use of Mini-Implants (Temporary Anchorage Devices) in Resolving Orthodontic Problems. <b>2012</b> ,		
894	Evaluation of reverse torque value of abutment screws on CAD/CAM custom-made implant abutments. <b>2012</b> , 50, 128		3
893	Behavior of osteoblasts on the surfaces of nanocrystalline hydroxyapatite coating. <b>2012</b> , 7, 54-62		2
892	Surface characteristics and biocompatibility of sandblasted and acid-etched titanium surface modified by ultraviolet irradiation: an in vitro study. <b>2012</b> , 100, 1587-98		55
891	Biological adaptation to misfits of immediately loaded fixed prostheses following computer-guided surgery. <b>2012</b> , 21, 185-90		3
890	Limitations of using micro-computed tomography to predict bone-implant contact and mechanical fixation. <b>2012</b> , 245, 34-42		55

## (2013-2012)

889	Immediate rehabilitation of the edentulous mandible with screw type implants: results after up to 10 years of clinical function. <b>2012</b> , 23, 1217-23	14
888	Balancing osteoblast functions and bacterial adhesion on functionalized titanium surfaces. <b>2012</b> , 33, 2813-22	266
887	Sleeping implant in the temporal bone: report of a case with 20-year follow-up. <b>2012</b> , 14, 236-40	1
886	The role of single immediate loading implant in long Class IV Kennedy mandibular partial denture. <b>2012</b> , 14, 708-15	4
885	A comparison of fit of CNC-milled titanium and zirconia frameworks to implants. <b>2012</b> , 14 Suppl 1, e20-9	33
884	A comparative analysis of the accuracy of different direct impression techniques for multiple implants. <b>2012</b> , 57, 184-9	23
883	Effect of drilling dimension on implant placement torque and early osseointegration stages: an experimental study in dogs. <b>2012</b> , 70, e43-50	67
882	Bioactive TiO2 ultrathin film with worm-like mesoporosity for controlled drug delivery. <b>2012</b> , 152, 58-63	18
881	Osseointegration of SLActive implants in diabetic pigs. <b>2013</b> , 24, 128-34	37
880	Plasma-Sprayed Ceramic Coatings for Osseointegration. <b>2013</b> , 10, 1-10	27
879	Attachment and proliferation of human osteoblast-like cells (MG-63) on laser-ablated titanium implant material. <b>2013</b> , 33, 4251-9	55
878	Biophysical cues and cell behavior: the big impact of little things. <b>2013</b> , 15, 155-76	85
877	Surgical Management of Oro-Antral Communications Using Resorbable GTR Membrane and FDMB Sandwich Technique: A Clinical Study. <b>2013</b> , 12, 254-9	11
876	Immediate Non-functional Loading of Single Tooth Uniti🏻 mplants into Avulsed Tooth Sockets Following Ridge Augmentation in the Anterior Maxilla: A Case Series. <b>2013</b> , 12, 203-9	1
875	Stiffness and ultimate load of osseointegrated prosthesis fixations in the upper and lower extremity. <b>2013</b> , 12, 70	8
874	Cell biological responses of osteoblasts on anodized nanotubular surface of a titanium-zirconium alloy. <b>2013</b> , 101, 3416-30	36
873	Applying soft computing techniques to optimise a dental milling process. 2013, 109, 94-104	11
872	OsseointegrationMolecular events at the boneImplant interface: A review. <b>2013</b> , 25, 1-4	26

871	Simulation of peri-implant bone healing due to immediate loading in dental implant treatments. <b>2013</b> , 46, 871-8		30
870	Dental and Skeletal Applications of Silica-Based Nanomaterials. <b>2013</b> , 69-91		3
869	Kinetic effects of TiO2 fine particles and nanoparticles aggregates on the nanomechanical properties of human neutrophils assessed by force spectroscopy. <b>2013</b> , 6, 11		18
868	The effect of different restorative and abutment materials on marginal and internal adaptation of three-unit cantilever implant-supported fixed partial dentures: an in vitro study. <b>2013</b> , 22, 608-17		1
867	Influence of the casting technique and dynamic loading on screw detorque and misfit of single unit implant-supported prostheses. <b>2013</b> , 71, 404-9		15
866	Buccal and lingual bone level alterations after immediate implantation of four implant surfaces: a study in dogs. <b>2013</b> , 24, 1375-80		15
865	Time-of-flight secondary ion mass spectrometry with principal component analysis of titania-blood plasma interfaces. <b>2013</b> , 29, 902-12		17
864	Comparative clinicoanatomical study of ilium and fibula as two commonly used bony donor sites for maxillofacial reconstruction. <b>2013</b> , 51, 736-41		8
863	Functional results in ossiculoplasty with different titanium prostheses. 2013, 14, 79-84		3
862	An in vitro study of the effect of different restorative materials on the reliability of a veneering porcelain. <i>Journal of Prosthetic Dentistry</i> , <b>2013</b> , 110, 521-8	4	2
861	Genetic networks in osseointegration. <b>2013</b> , 92, 109S-18S		25
860	An in vitro comparison of the accuracy of implant impressions with coded healing abutments and different implant angulations. <i>Journal of Prosthetic Dentistry</i> , <b>2013</b> , 110, 90-100	4	32
859	Fracture resistance of different metal substructure designs for implant-supported porcelain-fused-to-metal (PFM) crowns. <b>2013</b> , 8, 314-320		4
858	Surface Modifications. 2013, 341-456		6
857	Drilling of bone: A comprehensive review. <b>2013</b> , 4, 15-30		198
856	The Effects of a Static Magnetic Field on Bone Formation Around a Sandblasted, Large-Grit, Acid-EtchedIreated Titanium Implant. <b>2013</b> , 39, 248-255		19
855	Methods of Immediate Fixation. <b>2013</b> , 39-51		О
854	Adherent lipopolysaccharide inhibits the osseointegration of orthopedic implants by impairing osteoblast differentiation. <b>2013</b> , 52, 93-101		46

## (2013-2013)

853	Effect of framework material and vertical misfit on stress distribution in implant-supported partial prosthesis under load application: 3-D finite element analysis. <b>2013</b> , 71, 1243-9	54
852	Prevalence of sinus augmentation associated with maxillary posterior implants. <b>2013</b> , 39, 680-8	14
851	Modulation of human osteoblasts by metal surface chemistry. <b>2013</b> , 101, 2355-64	10
850	The Control of Mesenchymal Stromal Cell Osteogenic Differentiation through Modified Surfaces. <b>2013</b> , 2013, 361637	26
849	An evaluation of new designs in implant-abutment connections: a finite element method assessment. <b>2013</b> , 22, 263-7	11
848	Role of primary stability for successful osseointegration of dental implants: Factors of influence and evaluation. <b>2013</b> , 5, 162-7	158
847	Placement of dental implant in a knife edge ridge in anterior aesthetic zone. 2013, 7, 2376-7	3
846	Computer-assisted implant rehabilitation of maxillomandibular defects reconstructed with vascularized bone free flaps. <b>2013</b> , 139, 371-81	37
845	An in vitro evaluation of heat production during osteotomy preparation for dental implants with compressive osteotomes. <b>2013</b> , 22, 161-4	5
844	New insight into Baha implant stability measurements: observations on resonance frequency analysis results. <b>2013</b> , 34, 1018-20	10
843	Multi-body simulation of various falling scenarios for determining resulting loads at the prosthesis interface of transfemoral amputees with osseointegrated fixation. <b>2013</b> , 31, 1123-9	13
842	Research that matters: restoration of endodontically treated teeth. <b>2013</b> , 46, 389-90	1
841	Background of Mini Dental Implants. <b>2013</b> , 19-33	
840	Marginal fit of implant-supported all-ceramic zirconia frameworks. <b>2013</b> , 39, 417-24	15
839	Design features of implants for direct skeletal attachment of limb prostheses. <b>2013</b> , 101, 3339-48	33
838	Shock absorption capacity of restorative materials for dental implant prostheses: an in vitro study. <b>2013</b> , 26, 549-56	39
837	Effects of implant angulation, impression material, and variation in arch curvature width on implant transfer model accuracy. <b>2013</b> , 28, 149-57	27
836	Long-term effect of overdenture bar design on peri-implant tissues. <b>2013</b> , 28, 1126-31	11

835	Improving the fit of implant prosthetics: an in vitro study. <b>2013</b> , 28, 126-34	17
834	Marginal and internal adaptation of different superstructure and abutment materials using two different implant systems for five-unit implant-supported fixed partial dentures: an in vitro study. <b>2013</b> , 28, 1207-16	13
833	Implant biomechanical stability variation at early implantation times in vivo: an experimental study in dogs. <b>2013</b> , 28, e128-34	21
832	Dental implant survival in irradiated oral cancer patients: a systematic review of the literature. <b>2013</b> , 28, 1233-42	53
831	Immediate versus conventional loading for the maxilla with implants placed into fresh and healed extraction sites to support a full-arch fixed prosthesis: nonrandomized controlled clinical study. <b>2013</b> , 28, 1116-24	20
830	The effect of implant connection length on the dimensional impression accuracy of inclined implants. <b>2013</b> , 28, e315-20	5
829	An introduction to single implant abutments. <b>2013</b> , 40, 7-10, 12-4, 16-7	6
828	Implantes de carga inmediata con rehabilitaciñ protŝica implantosoportada en zona anterior. Presentaciñ de un caso clĥico. <b>2013</b> , 17, 97-102	
827	The effects of pulsed electromagnetic field (PEMF) on osteoblast-like cells cultured on titanium and titanium-zirconium surfaces. <b>2013</b> , 24, 2127-34	5
826	Scalp, skull, orbit, and maxilla reconstruction and hair transplantation. <b>2013</b> , 131, 411e-424e	5
825	Stress distribution in fixed-partial prosthesis and peri-implant bone tissue with different framework materials and vertical misfit levels: a three-dimensional finite element analysis. <b>2013</b> , 55, 239-44	25
824	Effects of Mechanical Alloying Time on Hardness and Phases of Ti-HAp Composite Materials. <b>2013</b> , 79, 1097-1101	
823	Evaluating the Dynamic Behavior of Taper Joint Implants Under Different Loading Conditions:A Transient Dynamic Finite Element Analysis. <b>2013</b> , 12, 105-111	2
822	The study on success rate of single implant replacing the mandibular first and second molars. <b>2013</b> , 51, 252	1
821	Bone apposition on implants coated with calcium phosphate by ion beam assisted deposition in oversized drilled sockets: a histologic and histometric analysis in dogs. <i>Journal of Periodontal and Implant Science</i> , <b>2013</b> , 43, 18-23	12
820	In vivo osteogenesis and in vitro Streptococcus mutans adherence: porous-surfaced cylindrical implants vs rough-surfaced threaded implants. <b>2013</b> , 28, 1630-8	2
819	A study on the compatibility of implant drivers. <b>2014</b> , 52, 34	1
818	Immediate loading with fixed full-arch prostheses in the maxilla: review of the literature. <b>2014</b> , 19, e512-7	13

## (2014-2014)

817	Different materials and techniques for accurate molding for adaptation in angled implants. <b>2014</b> , 62, 149-152	1
816	Accuracy of impressions of multiple implants in the edentulous arch: a systematic review. <b>2014</b> , 29, 869-80	31
815	Endoscopic Removal of a Supernumerary Premolar in the Mandible during a Dental Implant Placement. <b>2014</b> , 2014, 975470	2
814	A brief historical perspective on dental implants, their surface coatings and treatments. <b>2014</b> , 8, 50-5	93
813	Ridge Preservation with Modified Bocket-Shield Technique: A Methodological Case Series. <b>2014</b> , 2, 11-21	29
812	Titanium surfaces with nanostructures influence on osteoblasts proliferation: a systematic review. <b>2014</b> , 5, e1	31
811	Three dimensional finite element analysis of the stress distribution around the mandibular posterior implant during non-working movement according to the amount of cantilever. <b>2014</b> , 6, 361-71	8
810	Surface Treatment of Titanium Using Thermal Oxidation for Biomedical Applications. <b>2014</b> , 63, 295-300	2
809	The evolution of dental materials for hybrid prosthesis. <b>2014</b> , 8, 85-94	11
808	. 2014,	1
808 807	. 2014,  Fit of CAD/CAM implant frameworks: a comprehensive review. 2014, 40, 758-66	1 40
807	Fit of CAD/CAM implant frameworks: a comprehensive review. <b>2014</b> , 40, 758-66	40
807 806	Fit of CAD/CAM implant frameworks: a comprehensive review. <b>2014</b> , 40, 758-66  Implantatoberfl  Hartgewebe. <b>2014</b> , 7, 281-299	40
807 806 805	Fit of CAD/CAM implant frameworks: a comprehensive review. <b>2014</b> , 40, 758-66  Implantatoberflöhen und ihr Einfluss auf das periimplantöe Hartgewebe. <b>2014</b> , 7, 281-299  Biofunctionalization of onplants to enhance their osseointegration. <b>2014</b> , 7, 105-110  Effect of healing time on bone-implant contact of orthodontic micro-implants: a histologic study.	40
807 806 805	Fit of CAD/CAM implant frameworks: a comprehensive review. 2014, 40, 758-66  Implantatoberfl  Biofunctionalization of onplants to enhance their osseointegration. 2014, 7, 105-110  Effect of healing time on bone-implant contact of orthodontic micro-implants: a histologic study. 2014, 2014, 179037	40
807 806 805 804 803	Fit of CAD/CAM implant frameworks: a comprehensive review. 2014, 40, 758-66  Implantatoberflöhen und ihr Einfluss auf das periimplantöe Hartgewebe. 2014, 7, 281-299  Biofunctionalization of onplants to enhance their osseointegration. 2014, 7, 105-110  Effect of healing time on bone-implant contact of orthodontic micro-implants: a histologic study. 2014, 2014, 179037  Von tierischen Zfinen zur Implantatversorgung. 2014, 123, 542-545  Secondary stability of microthickness hydroxyapatite-coated dental implants installed without	40 1 2 5

799	Effects of pore size, implantation time, and nano-surface properties on rat skin ingrowth into percutaneous porous titanium implants. <b>2014</b> , 102, 1305-15	30
798	Immediately loaded platform-switched implants in the anterior mandible with fixed prostheses: a randomized, split-mouth, masked prospective trial. <b>2014</b> , 16, 884-92	15
797	Comparative ex vivo evaluation of two electronic percussive testing devices measuring the stability of dental implants. <b>2014</b> , 85, 1786-91	8
796	A comparison of two soldering techniques on the misfit of bar-retained implant-supported overdentures. <b>2014</b> , 23, 163-70	3
795	Effect of implant design and bioactive glass coating on biomechanical properties of fiber-reinforced composite implants. <b>2014</b> , 122, 303-9	9
794	Evaluation of the effect of pulsed electromagnetic fields on osseointegration of immediate dental implants. <b>2014</b> , 5, 84-91	2
793	Immediate loading with fixed implant-supported restorations in an edentulous patient with an HIV infection: a case report. <b>2014</b> , 23, 8-12	10
792	A strain gauge analysis comparing external and internal implant-abutment connections. <b>2014</b> , 23, 206-11	6
791	Translational mini-screw implant research. <b>2014</b> , 41 Suppl 1, S8-14	
79°	Neuro-Robotics. <b>2014</b> ,	9
790 789	Neuro-Robotics. 2014,  Alternative technique for calcium phosphate coating on titanium alloy implants. 2014, 4, e28534	9
7 <sup>8</sup> 9	Alternative technique for calcium phosphate coating on titanium alloy implants. <b>2014</b> , 4, e28534  Passivity of the bars manufactured using current technologies: laser-sintering, casting, and milling.	
789 788	Alternative technique for calcium phosphate coating on titanium alloy implants. <b>2014</b> , 4, e28534  Passivity of the bars manufactured using current technologies: laser-sintering, casting, and milling. <b>2014</b> ,	10
789 788 787	Alternative technique for calcium phosphate coating on titanium alloy implants. <b>2014</b> , 4, e28534  Passivity of the bars manufactured using current technologies: laser-sintering, casting, and milling. <b>2014</b> ,  Alveolar Bone Augmentation. <b>2014</b> , 614, 89-94  Immediate restoration of single tapered implants with nonoccluding provisional crowns: a 5-year	10
789 788 787 786	Alternative technique for calcium phosphate coating on titanium alloy implants. 2014, 4, e28534  Passivity of the bars manufactured using current technologies: laser-sintering, casting, and milling. 2014,  Alveolar Bone Augmentation. 2014, 614, 89-94  Immediate restoration of single tapered implants with nonoccluding provisional crowns: a 5-year clinical prospective study. 2014, 16, 248-58  Fracture resistance of single-tooth implant-supported zirconia-based indirect composite-layered	10 3 8
789 788 787 786 785	Alternative technique for calcium phosphate coating on titanium alloy implants. 2014, 4, e28534  Passivity of the bars manufactured using current technologies: laser-sintering, casting, and milling. 2014,  Alveolar Bone Augmentation. 2014, 614, 89-94  Immediate restoration of single tapered implants with nonoccluding provisional crowns: a 5-year clinical prospective study. 2014, 16, 248-58  Fracture resistance of single-tooth implant-supported zirconia-based indirect composite-layered molar restorations. 2014, 25, 983-91	3 8 16

781	Bone responses to zirconia implants with a thin carbonate-containing hydroxyapatite coating using a molecular precursor method. <b>2014</b> , 102, 1277-88	27
78o	Implant survival and prosthetic complications of mandibular metal-acrylic resin implant complete fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 111, 466-75	37
779	A radiograph positioning technique to evaluate prosthetic misfit and bone loss around implants. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 111, 163-5  4	10
778	Toward the biomimetic implant surface: Biopolymers on titanium-based implants for bone regeneration. <b>2014</b> , 39, 1406-1447	120
777	Heat generated by dental implant drills during osteotomy-a review: heat generated by dental implant drills. <i>Journal of Indian Prosthodontic Society, The</i> , <b>2014</b> , 14, 131-43	43
776	Numerical simulation of electrically stimulated osteogenesis in dental implants. <b>2014</b> , 96, 21-36	4
775	Tribocorrosion and oral and maxillofacial surgical devices. <b>2014</b> , 52, 396-400	23
774	The Effect of Pharmacological Agents on the Bone-Implant Interface. <b>2014</b> , 221-237	1
773	Bone-Implant Interface in Orthopedic Surgery. <b>2014</b> ,	6
77²	The role of superstructure material on the stress distribution in mandibular full-arch implant-supported fixed dentures. A CT-based 3D-FEA. <b>2014</b> , 35, 92-9	18
771	Axial displacements in external and internal implant-abutment connection. 2014, 25, e83-9	23
770	3D Multiscale Physiological Human. <b>2014</b> ,	3
769	Does abutment collar length affect abutment screw loosening after cyclic loading?. <b>2014</b> , 141208072802005	
768	Immediate implants at fresh extraction sockets: from myth to reality. <b>2014</b> , 66, 132-52	38
767	Carbonated hydroxyapatite deposition at physiological temperature on ordered titanium oxide nanotubes using pulsed electrochemistry. <b>2014</b> , 40, 15479-15487	22
766	Using stereophotogrammetric technology for obtaining intraoral digital impressions of implants. <b>2014</b> , 145, 338-44	30
765	An animal model to evaluate skin-implant-bone integration and gait with a prosthesis directly attached to the residual limb. <i>Clinical Biomechanics</i> , <b>2014</b> , 29, 336-49	17
764	Can anodised zirconium implants stimulate bone formation? Preliminary study in rat model. <b>2014</b> , 3, 24	13

763	Influence of Electropolishing and Magnetoelectropolishing on Corrosion and Biocompatibility of Titanium Implants. <b>2014</b> , 23, 3907-3915	26
762	Extraoral implants for orbit rehabilitation: a comparison between one-stage and two-stage surgeries. <b>2014</b> , 43, 341-7	10
761	Influence of transfemoral amputation length on resulting loads at the osseointegrated prosthesis fixation during walking and falling. <i>Clinical Biomechanics</i> , <b>2014</b> , 29, 272-6	2 13
760	Accuracy of a self-perforating impression tray for dental implants. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 843-8	5
759	Assessment of the stress transmitted to dental implants connected to screw-retained bars using different casting techniques. <b>2014</b> , 40, 641-8	3
758	Influence of the rigidity of a provisional restoration supported on four immediately loaded implants in the edentulous maxilla on biomechanical bone-implant interactions under simulated bruxism conditions: a three-dimensional finite element analysis. <b>2014</b> , 27, 442-50	6
757	Patient-reported outcomes of immediate versus conventional loading with fixed full-arch prostheses in the maxilla: a nonrandomized controlled prospective study. <b>2014</b> , 29, 690-8	15
756	Porous Titanium Implants Fabricated by a Salt Bath Sintering Process for Bone Repair Applications. <b>2014</b> , 57-66	
755	Comparative evaluation of impression accuracy of tilted and straight implants in All-on-Four technique. <b>2014</b> , 23, 225-30	6
754	Long-term stability, survival, and tolerability of a novel osseointegrated implant for bone conduction hearing: 3-year data from a multicenter, randomized, controlled, clinical investigation. <b>2014</b> , 35, 1486-91	29
753	Biofilm formation on nanostructured hydroxyapatite-coated titanium. <b>2014</b> , 102, 1063-70	15
752	Strontiumbeschichtete Implantate zur Verbesserung der Osseointegration. <b>2015</b> , 112, 280-283	
751	Retrospective cohort study of 4591 Straumann implants in private practice setting, with up to 10-year follow-up. Part 1: multivariate survival analysis. <b>2015</b> , 26, 1345-54	63
750	Immediate Versus Conventional Loading of Complete-Arch Implant-Supported Prostheses in Mandibles with Failing Dentition: A Patient-Centered Controlled Prospective Study. <b>2015</b> , 28, 499-508	6
749	Systematic review of current dental implant coating materials and novel coating techniques. <b>2015</b> , 28, 51-9	76
748	Immediate versus conventional loading with fixed full-arch prostheses in mandibles with failing dentition: a prospective controlled study. <b>2015</b> , 30, 427-34	16
747	Influence of Diamondlike Carbon Coating of Screws on Axial Tightening Force and Stress Distribution on Overdenture Bar Frameworks with Different Fit Levels and Materials. <b>2015</b> , 30, 1019-27	3
746	Evaluation of Clinical Parameters and Levels of Proinflammatory Cytokines in the Crevicular Fluid Around Dental Implants in Patients with Type 2 Diabetes Mellitus. <b>2015</b> , 30, 1119-27	15

745	Digitally produced fiber-reinforced composite substructures for three-unit implant-supported fixed dental prostheses. <b>2015</b> , 30, 321-9		18
744	Protein-mediated hydroxyapatite composite layer formation on nanotubular titania. <b>2015</b> , 4, 155-165		3
743	Critical anatomic region of nasopalatine canal based on tridimensional analysis: cone beam computed tomography. <i>Scientific Reports</i> , <b>2015</b> , 5, 12568	4.9	6
742	A prospective cross-over study to evaluate the effect of two different occlusal concepts on the masseter muscle activity in implant-retained mandibular overdentures. <i>International Journal of Implant Dentistry</i> , <b>2015</b> , 1, 32	2.8	2
741	A Comparative Study of Stability After the Installation of 2 Different Surface Types of Implants in the Maxillae of Dogs. <b>2015</b> , 24, 586-91		3
740	Microstructure of titanium-cement-lithium disilicate interface in CAD-CAM dental implant crowns: a three-dimensional profilometric analysis. <b>2015</b> , 17 Suppl 1, e97-e106		8
739	Correlation between Initial BIC and the Insertion Torque/Depth Integral Recorded with an Instantaneous Torque-Measuring Implant Motor: An in vivo Study. <b>2015</b> , 17 Suppl 2, e613-20		28
738	Surface microstructure of dental implants before and after insertion: an in vitro study by means of scanning probe microscopy. <b>2015</b> , 24, 248-55		13
737	CT Evaluation of Morphology of Transferred Fibula for Implant Placement in Reconstructed Mandible. <b>2015</b> , 24, 541-6		1
736	Application and Interpretation of Resonance Frequency Analysis in Auditory Osseointegrated Implants: A Review of Literature and Establishment of Practical Recommendations. <b>2015</b> , 36, 1518-24		22
735	implantable hearing devices audiological rehabilitation implantable hearing devices Implantable Hearing Devices. <b>2015</b> ,		
734	Influence of Resin Cements on the Tension Force of Cast Frameworks Made by the Technique of Framework Cemented on Prepared Abutments. <b>2015</b> , 26, 390-2		
733	Oral health self-perception evaluation using mandibular overdenture prosthesis in public health care. <b>2015</b> , 63, 277-282		
732	Patellar groove replacement in patellar luxation with severe femoro-patellar osteoarthritis. <b>2015</b> , 28, 124-30		12
731	Influence of a titanium mesh on the management of segmental long bone defects. An experimental study in a canine ulnar model. <b>2015</b> , 28, 417-24		1
730	Comparison of implant and provisional placement protocols in sinus-augmented bone: a preliminary report. <b>2015</b> , 30, 648-56		2
729	Protocol for Bone Augmentation with Simultaneous Early Implant Placement: A Retrospective Multicenter Clinical Study. <b>2015</b> , 2015, 589135		9
728	An Overview of U.S. Predoctoral Dental Implant Programs and Their Directors. <b>2015</b> , 79, 265-277		7

727	Novel Surfaces for Clinical Usage: The Use of Dual Acid Etching, a Historical Review, and Current Applications. <b>2015</b> , 77-91	
726	Modern Approaches in Choosing Materials for Implant Supported Prosthesis. 2015, 638, 243-248	
725	Implant retained anterior restorations: Case report. <b>2015</b> , 57, 68	
724	Combined Influence of Fluoride and Biofilms on the Biotribocorrosion Behavior of Titanium Used for Dental Applications. <b>2015</b> , 1, 1	10
723	Immediate provisionalization with a CAD/CAM interim abutment and crown: a guided soft tissue healing technique. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 91-5	27
722	New 3D technologies applied to assess the long-term clinical effects of misfit of the full jaw fixed prosthesis on dental implants. <b>2015</b> , 26, 1129-34	27
721	Case Studies. <b>2015</b> , 99-472	2
720	Immediate placement and immediate loading: surgical technique and clinical pearls. <i>Dental Clinics of North America</i> , <b>2015</b> , 59, 345-55	5
719	Evaluation of Photocatalytic Activity of the TiO2 Layer Formed on Ti by Thermal Oxidation. 2015, 65-78	1
718	Implant Surfaces and their Biological and Clinical Impact. 2015,	13
717	Effect of irrigation and stainless steel drills on dental implant bed heat generation. <b>2015</b> , 26, 75	11
716	Microbiome of peri-implant infections: lessons from conventional, molecular and metagenomic analyses. <b>2015</b> , 6, 183-7	74
715	Bone anchored hearing aids in children. <b>2015</b> , 12, 73-82	7
714	Understanding growth mechanisms and tribocorrosion behaviour of porous TiO2 anodic films containing calcium, phosphorous and magnesium. <b>2015</b> , 341, 1-12	67
713	Mini Screw Orthodontic Implant as Temporary Crown Restoration to Replace Unilateral Missing Lateral Incisor Post-Orthodontic Treatment. <b>2015</b> , 41, 306-9	2
712	Wear Characteristics of Metallic Biomaterials: A Review. <b>2015</b> , 8, 2749-2768	128
711	Effect of UV-photofunctionalization on oral bacterial attachment and biofilm formation to titanium implant material. <b>2015</b> , 67, 84-92	78
710	Surface texture measurement for dental wear applications. <b>2015</b> , 3, 023002	10

## (2015-2015)

709	Electrochemically designed interfaces: Hydroxyapatite coated macro-mesoporous titania surfaces. <b>2015</b> , 350, 62-68		15
708	Effect of implant angulation and impression technique on impressions of NobelActive implants. Journal of Prosthetic Dentistry, <b>2015</b> , 113, 425-31	4	13
707	[Use of bone graft replacement in spinal fusions]. <b>2015</b> , 44, 146-53		5
706	Morphometric differences of nasopalatine canal based on 3D classifications: descriptive analysis on CBCT. <b>2015</b> , 37, 825-33		8
705	On the fate of particles liberated from hydroxyapatite coatings in vivo. <b>2015</b> , 184, 125-33		8
704	Carbon, nitrogen and phosphorus stocks in soil organic layer as affected by forest gaps in the alpine forest of the eastern Tibet Plateau. <b>2015</b> , 46, 246-251		3
703	MRI and dental implantology: two which do not exclude each other. <b>2015</b> , 53, 634-45		26
702	Biomaterials for dental implants: current and future trends. <b>2015</b> , 50, 4779-4812		109
701	Bone stability around dental implants: Treatment related factors. <b>2015</b> , 199, 3-8		32
700	Prospective, 1-year observational study of double-threaded tapered body dental implants with immediate loading. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 46-51	4	6
700 699		4	2
	immediate loading. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 46-51  Stress on implant-supported fixed prostheses with different numbers of abutments after the		
699	immediate loading. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 46-51  Stress on implant-supported fixed prostheses with different numbers of abutments after the application of acrylic resin. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 323-8		2
699 698	immediate loading. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 46-51  Stress on implant-supported fixed prostheses with different numbers of abutments after the application of acrylic resin. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 323-8  Effects of calcium ions on titanium surfaces for bone regeneration. <b>2015</b> , 130, 173-81  The influence of titanium surfaces treated by alkalis on macrophage and osteoblast-like cell		2 28
699 698 697	immediate loading. Journal of Prosthetic Dentistry, 2015, 114, 46-51  Stress on implant-supported fixed prostheses with different numbers of abutments after the application of acrylic resin. Journal of Prosthetic Dentistry, 2015, 113, 323-8  Effects of calcium ions on titanium surfaces for bone regeneration. 2015, 130, 173-81  The influence of titanium surfaces treated by alkalis on macrophage and osteoblast-like cell adhesion and gene expression in vitro. 2015, 5, 81378-81387  Knochenregeneration durch kieferorthop@ische Zahnbewegung [Follow-up-Untersuchung nach 4]		2 28
699 698 697	Stress on implant-supported fixed prostheses with different numbers of abutments after the application of acrylic resin. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 323-8  Effects of calcium ions on titanium surfaces for bone regeneration. <b>2015</b> , 130, 173-81  The influence of titanium surfaces treated by alkalis on macrophage and osteoblast-like cell adhesion and gene expression in vitro. <b>2015</b> , 5, 81378-81387  Knochenregeneration durch kieferorthopdische Zahnbewegung IFollow-up-Untersuchung nach 4 Jahren mittels digitaler Volumentomografie. <b>2015</b> , 46, 276-281  Does Abutment Collar Length Affect Abutment Screw Loosening After Cyclic Loading?. <b>2015</b> , 41		2 28 7
699 698 697 696	Stress on implant-supported fixed prostheses with different numbers of abutments after the application of acrylic resin. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 323-8  Effects of calcium ions on titanium surfaces for bone regeneration. <b>2015</b> , 130, 173-81  The influence of titanium surfaces treated by alkalis on macrophage and osteoblast-like cell adhesion and gene expression in vitro. <b>2015</b> , 5, 81378-81387  Knochenregeneration durch kieferorthopdische Zahnbewegung IFollow-up-Untersuchung nach 4 Jahren mittels digitaler Volumentomografie. <b>2015</b> , 46, 276-281  Does Abutment Collar Length Affect Abutment Screw Loosening After Cyclic Loading?. <b>2015</b> , 41 Spec No, 346-51	4	2 28 7

691	Automated 3D-2D registration of X-ray microcomputed tomography with histological sections for dental implants in bone using chamfer matching and simulated annealing. <b>2015</b> , 44, 62-8	20
690	Stress Analysis on Single Cobalt/Chrome Prosthesis With a 15-mm Cantilever Placed Over 10/13/15-mm-length Implants: A Simulated Photoelastic Model Study. <b>2015</b> , 41, 706-11	1
689	Surface characterization and in vivo performance of plasma-sprayed hydroxyapatite-coated porous Ti6Al4V implants generated by electron beam melting. <b>2015</b> , 283, 80-88	19
688	Comparison of the Accuracy of Different Transfer Impression Techniques for Osseointegrated Implants. <b>2015</b> , 41, 662-7	2
687	Enhanced osseointegration of endosseous implants by predictable sustained release properties of strontium. <b>2015</b> , 103, 1099-106	14
686	Influence of CAD/CAM on the fit accuracy of implant-supported zirconia and cobalt-chromium fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 22-8	55
685	Interface Oral Health Science 2014. <b>2015</b> ,	1
684	Rehabilitation of edentulous mandibles by means of osseointegrated implants: a 5-year follow-up study on one or two-stage surgery, number of implants, implant surfaces, and age at surgery. <b>2015</b> , 17, 413-24	23
683	Tomographic evaluation on bone morphology in posterior mandibular region for safe placement of dental implant. <b>2015</b> , 37, 167-73	7
682	On the genealogy of tissue engineering and regenerative medicine. <b>2015</b> , 21, 203-17	22
681	Novel strategy for mechanically tunable and bioactive metal implants. <b>2015</b> , 37, 49-61	46
680	A new testing protocol for zirconia dental implants. <b>2015</b> , 31, 15-25	65
679	A clinico radiographic study of immediate loading implants in rehabilitation of mandibular ridges. <b>2015</b> , 71, S346-54	4
678	TiO2-coated CoCrMo: improving the osteogenic differentiation and adhesion of mesenchymal stem cells in vitro. <b>2015</b> , 103, 1208-17	19
677	Biomimetic approaches in bone tissue engineering: Integrating biological and physicomechanical strategies. <b>2015</b> , 84, 1-29	286
676	High-performance scaffolds on titanium surfaces: osteoblast differentiation and mineralization promoted by a globular fibrinogen layer through cell-autonomous BMP signaling. <b>2015</b> , 46, 86-96	10
675	Principles for Abutment and Prosthetic Screws and Screw-Retained Components and Prostheses. <b>2015</b> , 724-752	1
674	The Ultrastructural Relationship Between Osteocytes and Dental Implants Following Osseointegration. <b>2016</b> , 18, 270-80	17

 $673 \qquad \hbox{Effect of Magnetic Field on Bone Healing around Endosseous Implants - An In-vivo Study.} \ \textbf{2016}, 10, ZF01-ZF04} \ 6$ 

672	Bacterial cellulose for advanced medical materials. <b>2016</b> , 57-82	9
671	New developments in prosthetic arm systems. <b>2016</b> , 8, 31-39	80
670	The feasibility of immediately loading dental implants in edentulous jaws. <i>Journal of Periodontal and Implant Science</i> , <b>2016</b> , 46, 234-43	5
669	The role of angiogenesis in implant dentistry part I: Review of titanium alloys, surface characteristics and treatments. <b>2016</b> , 21, e514-525	33
668	Fibronectin-Grafted Titanium Dental Implants: An In Vivo Study. <b>2016</b> , 2016, 2414809	16
667	Accuracy of Digital Versus Conventional Periapical Radiographs to Detect Misfit at the Implant-Abutment Interface. <b>2016</b> , 31, 1023-9	5
666	On-Site Surface Functionalization for Titanium Dental Implant with Nanotopography: Review and Outlook. <b>2016</b> , 2016, 1-8	3
665	Vertical Misfit of Single-Implant Abutments Made from Different Materials Under Cyclic Loading. <b>2016</b> , 31, 1017-22	3
664	Primary and Secondary Stability of Implants in Postextraction and Healed Sites: A Randomized Controlled Clinical Trial. <b>2016</b> , 31, 1435-1443	16
663	The Needs of Current Implant Technology in Orthopaedic Prosthesis Biomaterials Application to Reduce Prosthesis Failure Rate. <b>2016</b> , 2016, 1-9	17
662	Mathematical evaluation of the influence of multiple factors on implant stability quotient values in clinical practice: a retrospective study. <b>2016</b> , 12, 1525-1532	7
661	The role of well-defined nanotopography of titanium implants on osseointegration: cellular and molecular events in vivo. <b>2016</b> , 11, 1367-82	32
660	Analysis of Different Impression Techniques and Materials on Multiple Implants Through 3-Dimensional Laser Scanner. <b>2016</b> , 25, 232-7	9
659	Effect of double conical abutment screw on implant preload. <b>2016</b> , 27, 553-7	7
658	Direct Radial LMHF Microvibration Induced Bone Formation and Promoted Implant Osseointegration. <b>2016</b> , 18, 401-9	5
657	H-classic: a new method to identify classic articles in Implant Dentistry, Periodontics, and Oral Surgery. <b>2016</b> , 27, 1317-1330	18
656	Frequency and Type of Prosthetic Complications Associated with Interim, Immediately Loaded Full-Arch Prostheses: A 2-Year Retrospective Chart Review. <b>2016</b> , 25, 433-9	15

655	Fit and Stability of Screw-Retained Implant-Supported Frameworks Under Masticatory Simulation: Influence of Cylinder Type. <b>2016</b> , 25, 459-65		9
654	Periodontal and peri-implant diseases: identical or fraternal infections?. <b>2016</b> , 31, 285-301		27
653	Rehabilitation of completely edentulous mandibular arch using immediately loaded transmucosal single-piece implants and overdenture. <b>2016</b> , 72, S182-S184		
652	Evaluating the osseointegration of nanostructured titanium implants in animal models: Current experimental methods and perspectives (Review). <b>2016</b> , 11, 030801		14
651	Evaluation of clinical outcomes of implants placed into the maxillary sinus with a perforated sinus membrane: a retrospective study. <b>2016</b> , 38, 50		8
650	Preparation of conversion coating on Ti-6Al-4V alloy in mixed solution of phytic acid and ammonium fluoride through chemical modification. <b>2016</b> , 371, 488-493		4
649	Immobilization of calcium and phosphate ions improves the osteoconductivity of titanium implants. <b>2016</b> , 68, 291-298		32
648	Circumferential bone loss around splinted and nonsplinted immediately loaded implants retaining mandibular overdentures: A randomized controlled clinical trial using cone beam computed tomography. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 741-748	4	26
647	Endo-Exo-Femurprothetik nach Oberschenkelamputation. <b>2016</b> , 18, 108-115		
646	Advanced System for Implant Stability Testing (ASIST). <b>2016</b> , 49, 3651-3659		11
646 645	Advanced System for Implant Stability Testing (ASIST). <b>2016</b> , 49, 3651-3659  Biomimetic approaches with smart interfaces for bone regeneration. <b>2016</b> , 23, 77		11 21
645	Biomimetic approaches with smart interfaces for bone regeneration. <b>2016</b> , 23, 77  A comparative study of marginal fit of copings prepared with various techniques on different		21
6 <sub>45</sub>	Biomimetic approaches with smart interfaces for bone regeneration. <b>2016</b> , 23, 77  A comparative study of marginal fit of copings prepared with various techniques on different implant abutments. <b>2016</b> , 35, 447-53  Polygonal Area of Prosthesis Support with Straight and Tilted Dental Implants in Edentulous		21
645 644 643	Biomimetic approaches with smart interfaces for bone regeneration. <b>2016</b> , 23, 77  A comparative study of marginal fit of copings prepared with various techniques on different implant abutments. <b>2016</b> , 35, 447-53  Polygonal Area of Prosthesis Support with Straight and Tilted Dental Implants in Edentulous Maxillae. <b>2016</b> , 29, 245-52	2.8	21 10 2
645 644 643	Biomimetic approaches with smart interfaces for bone regeneration. 2016, 23, 77  A comparative study of marginal fit of copings prepared with various techniques on different implant abutments. 2016, 35, 447-53  Polygonal Area of Prosthesis Support with Straight and Tilted Dental Implants in Edentulous Maxillae. 2016, 29, 245-52  High hardness in the biocompatible intermetallic compound ETi3Au. 2016, 2, e1600319  Peri-implant bone changes in immediate and non-immediate root-analog stepped implants-a matched comparative prospective study up to 10 years. International Journal of Implant Dentistry,	2.8	21 10 2 34
645 644 643 642	Biomimetic approaches with smart interfaces for bone regeneration. 2016, 23, 77  A comparative study of marginal fit of copings prepared with various techniques on different implant abutments. 2016, 35, 447-53  Polygonal Area of Prosthesis Support with Straight and Tilted Dental Implants in Edentulous Maxillae. 2016, 29, 245-52  High hardness in the biocompatible intermetallic compound ETi3Au. 2016, 2, e1600319  Peri-implant bone changes in immediate and non-immediate root-analog stepped implants-a matched comparative prospective study up to 10 years. International Journal of Implant Dentistry, 2016, 2, 15	2.8	21 10 2 34 9

# (2016-2016)

	Analysis of Fibular Single Graft and Fibular Double-barrel Graft for Mandibular Reconstruction. <b>2016</b> , 4, e1018	4
636	Ocular Reconstruction Using Bone-Anchored Implants in Irradiated Facial Deformities After Tumor Extirpation. <b>2016</b> , 27, 2141-2142	1
635	Dental Stem Cells. <b>2016</b> ,	2
634	Stress Over Implants of One-Piece Cast Frameworks Made With Different Materials. <b>2016</b> , 27, 238-41	2
633	Dental Stem Cells: Possibility for Generation of a Bio-tooth. <b>2016</b> , 167-196	1
632	Combining guided alveolar ridge reduction and guided implant placement for all-on-4 surgery: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 662-7	13
631	Characterization of silica-based and borate-based, titanium-containing bioactive glasses for coating metallic implants. <b>2016</b> , 433, 95-102	26
630	A Novel Technique for Immediate Loading Single Root Form Implants With an Interim CAD/CAM Milled Screw-Retained Crown. <b>2016</b> , 42, 327-32	6
629	The effect of casting and masticatory simulation on strain and misfit of implant-supported metal frameworks. <b>2016</b> , 62, 746-51	15
628	SPECT/CT demonstrates the osseointegrative response of a stemless shoulder prosthesis. <b>2016</b> , 25, e96-103	20
627	A CAD and AM process for maxillofacial prostheses bar-clip retention. <b>2016</b> , 22, 170-177	7
627		7
,		
626	Biological characterization of a new silicon based coating developed for dental implants. <b>2016</b> , 27, 80  Periimplant bone regeneration in hydroxyapatite block grafts with mesenchymal stem cells and	22
626 625	Biological characterization of a new silicon based coating developed for dental implants. <b>2016</b> , 27, 80  Periimplant bone regeneration in hydroxyapatite block grafts with mesenchymal stem cells and bone morphogenetic protein-2. <b>2016</b> , 13, 437-445  Residual Roots as an Anatomical Guide for Implant Placement: Case Series With Two-Year	22
626 625 624	Biological characterization of a new silicon based coating developed for dental implants. <b>2016</b> , 27, 80  Periimplant bone regeneration in hydroxyapatite block grafts with mesenchymal stem cells and bone morphogenetic protein-2. <b>2016</b> , 13, 437-445  Residual Roots as an Anatomical Guide for Implant Placement: Case Series With Two-Year Follow-up. <b>2016</b> , 42, 285-8  Skeletal stem cell and bone implant interactions are enhanced by LASER titanium modification.	22
626 625 624	Biological characterization of a new silicon based coating developed for dental implants. <b>2016</b> , 27, 80  Periimplant bone regeneration in hydroxyapatite block grafts with mesenchymal stem cells and bone morphogenetic protein-2. <b>2016</b> , 13, 437-445  Residual Roots as an Anatomical Guide for Implant Placement: Case Series With Two-Year Follow-up. <b>2016</b> , 42, 285-8  Skeletal stem cell and bone implant interactions are enhanced by LASER titanium modification. <b>2016</b> , 473, 719-25	22 2

619	In Vitro Assessment with the Infrared Thermometer of Temperature Differences Generated During Implant Site Preparation: The Traditional Technique Versus the Single-Drill Technique. <b>2016</b> , 18, 182-91	16
618	Abutments with reduced diameter for both cement and screw retentions: analysis of failure modes and misfit of abutment-crown-connections after cyclic loading. <b>2017</b> , 28, 432-436	8
617	Effect of Splinting on Dimensional Accuracy of Impressions Made of Implants with Different Subgingival Alignments. <b>2017</b> , 26, 48-55	9
616	Positive effect of strontium-oxide layer on the osseointegration of moderately rough titanium surface in non-osteoporotic rabbits. <b>2017</b> , 28, 911-919	16
615	A Retrospective 2-Year Clinical Study of Immediate Prosthetic Rehabilitation of Edentulous Jaws with Four Implants and Prefabricated Bars. <b>2017</b> , 26, 387-394	11
614	Interim Prosthesis Options for Dental Implants. <b>2017</b> , 26, 331-338	17
613	A Current Perspective on Screw-Retained Single-Implant Restorations: A Review of Pertinent Literature. <b>2017</b> , 29, 161-171	12
612	Peri-implant bone remodeling at the interface of three different implant types: a histomorphometric study in mini-pigs. <b>2017</b> , 28, 1443-1449	7
611	Titanium Coatings and Surface Modifications: Toward Clinically Useful Bioactive Implants. <b>2017</b> , 3, 1245-1261	161
610	Additively manufactured sub-periosteal jaw implants. <b>2017</b> , 46, 938-940	21
610	Additively manufactured sub-periosteal jaw implants. <b>2017</b> , 46, 938-940  Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. <b>2017</b> , 7, 14430-14437	21
	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with	
609	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. <b>2017</b> , 7, 14430-14437  A retrospective study on 1592 consecutively performed operations in one private referral clinic.	11
609	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. 2017, 7, 14430-14437  A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part II: Peri-implantitis and implant failures. 2017, 19, 413-422  Gene expression in peri-implant crevicular fluid of smokers and nonsmokers. 1. The early phase of	11 26
609 608 607	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. 2017, 7, 14430-14437  A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part II: Peri-implantitis and implant failures. 2017, 19, 413-422  Gene expression in peri-implant crevicular fluid of smokers and nonsmokers. 1. The early phase of osseointegration. 2017, 19, 681-693  Electrochemically designed interfaces: Electrical properties and morphology of	11 26 17
609 608 607	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. 2017, 7, 14430-14437  A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part II: Peri-implantitis and implant failures. 2017, 19, 413-422  Gene expression in peri-implant crevicular fluid of smokers and nonsmokers. 1. The early phase of osseointegration. 2017, 19, 681-693  Electrochemically designed interfaces: Electrical properties and morphology of micro-nanostructured Titania implant surfaces. 2017, 324, 546-551  Immediate implant placement into fresh extraction sockets versus delayed implants into healed	11 26 17
609 608 607 606	Enhanced growth and osteogenic differentiation of MC3T3-E1 cells on Ti6Al4V alloys modified with reduced graphene oxide. 2017, 7, 14430-14437  A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part II: Peri-implantitis and implant failures. 2017, 19, 413-422  Gene expression in peri-implant crevicular fluid of smokers and nonsmokers. 1. The early phase of osseointegration. 2017, 19, 681-693  Electrochemically designed interfaces: Electrical properties and morphology of micro-nanostructured Titania implant surfaces. 2017, 324, 546-551  Immediate implant placement into fresh extraction sockets versus delayed implants into healed sockets: A systematic review and meta-analysis. 2017, 46, 1162-1177	11 26 17 1

## (2017-2017)

601	A combined digital and stereophotogrammetric technique for rehabilitation with immediate loading of complete-arch, implant-supported prostheses: A randomized controlled pilot clinical 4 trial. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 118, 596-603	6
600	A reductionist approach to extract robust molecular markers from microarray data series - Isolating markers to track osseointegration. <b>2017</b> , 68, 104-111	4
599	MECHANICAL TESTING STRATEGIES FOR DENTAL IMPLANTS. <b>2017</b> , 185-192	
598	The effects of SOST on implant osseointegration in ovariectomy osteoporotic mice. <b>2017</b> , 74, 82-91	7
597	Influence of misfit on the occurrence of veneering porcelain fractures (chipping) in implant-supported metal-ceramic fixed dental prostheses: an in vitro pilot trial. <b>2017</b> , 28, 1381-1387	2
596	Biological Coatings for Implant Surface Modification. <b>2017</b> , 183-228	1
595	Adhesion of bone marrow mesenchymal stem cells on porous titanium surfaces with strontium-doped hydroxyapatite coating. <b>2017</b> , 18, 778-788	8
594	Immediate loading of subcrestally placed dental implants in anterior and premolar sites. 2017, 45, 1898-1905	5
593	Cobalt-chromium alloys in fixed prosthodontics in Sweden. <b>2017</b> , 3, 53-62	19
592	Destriction for the Associated DOAT 44 FOC CO.	0
)9 <del>-</del>	Dental implants: An overview. <b>2017</b> , 44, 596-620	8
591	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. <b>2017</b> , 145-157	8
		15
591	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. <b>2017</b> , 145-157  Clinical, radiological, and gene expression analyses in smokers and non-smokers, Part 2: RCT on the	
591 590	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. 2017, 145-157  Clinical, radiological, and gene expression analyses in smokers and non-smokers, Part 2: RCT on the late healing phase of osseointegration. 2017, 19, 901-915	15
591 590 589	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. 2017, 145-157  Clinical, radiological, and gene expression analyses in smokers and non-smokers, Part 2: RCT on the late healing phase of osseointegration. 2017, 19, 901-915  Successful Loading of a Bone-Anchored Hearing Implant at 1 Week After Surgery. 2017, 38, 207-211  Effect of Simplifying Drilling Technique on Heat Generation During Osteotomy Preparation for	15
591 590 589 588	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. 2017, 145-157  Clinical, radiological, and gene expression analyses in smokers and non-smokers, Part 2: RCT on the late healing phase of osseointegration. 2017, 19, 901-915  Successful Loading of a Bone-Anchored Hearing Implant at 1 Week After Surgery. 2017, 38, 207-211  Effect of Simplifying Drilling Technique on Heat Generation During Osteotomy Preparation for Dental Implant. 2017, 26, 888-891  Direct Contact Test for Evaluating Bacterial Growth on Machined and Rough Surface Implants: An In	15 8
591 590 589 588 587	Platelet Rich Fibrin as an Adjunct to Implant Dentistry. 2017, 145-157  Clinical, radiological, and gene expression analyses in smokers and non-smokers, Part 2: RCT on the late healing phase of osseointegration. 2017, 19, 901-915  Successful Loading of a Bone-Anchored Hearing Implant at 1 Week After Surgery. 2017, 38, 207-211  Effect of Simplifying Drilling Technique on Heat Generation During Osteotomy Preparation for Dental Implant. 2017, 26, 888-891  Direct Contact Test for Evaluating Bacterial Growth on Machined and Rough Surface Implants: An In Vitro Study. 2017, 26, 899-903  Academy of Prosthodontics centennial: The emergence and development of prosthodontics as a	15 8 5

583	Accuracy of impression scanning compared with stone casts of implant impressions. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 507-512	4	22
582	Clinical guidelines and procedures for provision of mandibular overdentures on 4 mini-dental implants. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 22-27	4	11
581	Sol-gel derived bioactive coating on zirconia: Effect on flexural strength and cell proliferation. <b>2017</b> , 105, 2401-2407		9
580	Laser-activated transforming growth factor- induces human Edefensin 2: implications for laser therapies for periodontitis and peri-implantitis. <b>2017</b> , 52, 360-367		31
579	Chimeric biomolecules. <b>2017</b> , 285-324		1
578	Calcium Phosphate Bioceramics: A Review of Their History, Structure, Properties, Coating Technologies and Biomedical Applications. <b>2017</b> , 10,		429
577	4.9 Integrin-Activated Reactions to Metallic Implant Surfaces ?. <b>2017</b> , 130-151		
576	Influence of Heating Conditions for Formation of a Thin Apatite Film on Zirconia Using a Molecular Precursor Method. <b>2017</b> , 7, 69		3
575	Implant Drill Characteristics: Thermal and Mechanical Effects of Two-, Three-, and Four-Fluted Drills. <b>2017</b> , 32, 483-488		9
574	Top-Cited Articles in Implant Dentistry. <b>2017</b> , 32, 555-564		25
573	Associations Between Early Implant Failure, Patient Age, and Patient Mortality: A 15-Year Follow-Up Study on 2,566 Patients Treated with Implant-Supported Prostheses in the Edentulous Jaw. <b>2017</b> , 30, 189-197		18
572	Determining Favorable Maxillary Implant Locations Using Three-Dimensional Simulation Software and Computed Tomography Data. <b>2017</b> , 30, 58-61		2
571	Protein Adsorption to Titanium and Zirconia Using a Quartz Crystal Microbalance Method. <b>2017</b> , 2017, 1521593		19
570	Deposition Methods for Microstructured and Nanostructured Coatings on Metallic Bone Implants: A Review. <b>2017</b> , 2017, 1-9		23
569	Tau (I) A New Parameter to Assess the Osseointegration Potential of an Implant Surface. 2017, 32, 102-	112	8
568	A Novel Osseous Densification Approach in Implant Osteotomy Preparation to Increase Biomechanical Primary Stability, Bone Mineral Density, and Bone-to-Implant Contact. <b>2017</b> , 32, 27-36		74
567	Biomechanical Effects of Various Bone-Implant Interfaces on the Stability of Orthodontic Miniscrews: A Finite Element Study. <b>2017</b> , 2017, 7495606		5
566	An Overview of Biomaterials in Periodontology and Implant Dentistry. <b>2017</b> , 2017, 1-7		5

565	The influence of immediately loaded implant treatment in the atrophic edentulous maxilla on oral health related quality of life of edentulous patients: 3-year results of a prospective study. <b>2017</b> , 13, 21	8
564	Retrospective cohort clinical investigation of a dental implant with a narrow diameter and short length for the partial rehabilitation of extremely atrophic jaws. <b>2017</b> , 59, 357-363	3
563	Bone response to decontamination treatments for dental biomaterials. <b>2017</b> , 163-184	
562	Masticatory muscle activity evaluation by electromyography in subjects with zygomatic implants. <b>2017</b> , 22, e392-e397	3
561	Imaging in peri-prosthetic assessment: an orthopaedic perspective. <b>2017</b> , 2, 117-125	21
560	Immediate loading implants: review of the critical aspects. <b>2017</b> , 10, 129-139	22
559	Characterization and Bone Response of Carbonate-Containing Apatite-Coated Titanium Implants Using an Aqueous Spray Coating. <b>2017</b> , 10,	1
558	Comparative Evaluation of Crestal Bone Changes after Delayed and Immediate Implant Placement. <b>2017</b> , 02,	Ο
557	Osseointegrated Finger Prostheses Using a Tripod Titanium Mini-Plate. <b>2017</b> , 44, 150-156	2
556	Marginal discrepancy of CAD-CAM complete-arch fixed implant-supported frameworks. <i>Journal of</i> 4  Prosthetic Dentistry, <b>2018</b> , 120, 65-70	10
556 555		10
	Prosthetic Dentistry, <b>2018</b> , 120, 65-70  Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A	
555	Prosthetic Dentistry, 2018, 120, 65-70  Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A Systematic Review and Meta-Analysis. 2018, 44, 305-312  The immunomodulatory effects of Zn-incorporated micro/nanostructured coating in inducing	5
555 554	Prosthetic Dentistry, 2018, 120, 65-70  Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A Systematic Review and Meta-Analysis. 2018, 44, 305-312  The immunomodulatory effects of Zn-incorporated micro/nanostructured coating in inducing osteogenesis. 2018, 46, 1123-1130  Effect of porous orthopaedic implant material and structure on load sharing with simulated bone	5
555 554 553	Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A Systematic Review and Meta-Analysis. 2018, 44, 305-312  The immunomodulatory effects of Zn-incorporated micro/nanostructured coating in inducing osteogenesis. 2018, 46, 1123-1130  Effect of porous orthopaedic implant material and structure on load sharing with simulated bone ingrowth: A finite element analysis comparing titanium and PEEK. 2018, 80, 68-76  A review of nanostructured surfaces and materials for dental implants: surface coating, patterning	5 17 50
555 554 553 552	Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A Systematic Review and Meta-Analysis. 2018, 44, 305-312  The immunomodulatory effects of Zn-incorporated micro/nanostructured coating in inducing osteogenesis. 2018, 46, 1123-1130  Effect of porous orthopaedic implant material and structure on load sharing with simulated bone ingrowth: A finite element analysis comparing titanium and PEEK. 2018, 80, 68-76  A review of nanostructured surfaces and materials for dental implants: surface coating, patterning and functionalization for improved performance. 2018, 6, 1312-1338  Numerical investigation of bone remodelling around immediately loaded dental implants using sika	5 17 50 94
555 554 553 552 551	Comparison of the Use of Titanium-Zirconium Alloy and Titanium Alloy in Dental Implants: A Systematic Review and Meta-Analysis. 2018, 44, 305-312  The immunomodulatory effects of Zn-incorporated micro/nanostructured coating in inducing osteogenesis. 2018, 46, 1123-1130  Effect of porous orthopaedic implant material and structure on load sharing with simulated bone ingrowth: A finite element analysis comparing titanium and PEEK. 2018, 80, 68-76  A review of nanostructured surfaces and materials for dental implants: surface coating, patterning and functionalization for improved performance. 2018, 6, 1312-1338  Numerical investigation of bone remodelling around immediately loaded dental implants using sika deer (Cervus nippon) antlers as implant bed. 2018, 21, 359-369	5 17 50 94

547	The use of omics profiling to improve outcomes of bone regeneration and osseointegration. How far are we from personalized medicine in dentistry?. <b>2018</b> , 188, 85-96	11
546	Effect of feldspathic porcelain layering on the marginal fit of zirconia and titanium complete-arch fixed implant-supported frameworks. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 120, 71-78	5
545	A prospective material for orthopedic applications: Ti substrates coated with a composite coating of a titania-nanotubes layer and a silver-manganese-doped hydroxyapatite layer. <b>2018</b> , 44, 5528-5542	33
544	Biological and Technical Complications of Splinted or Nonsplinted Dental Implants: A Decision Tree for Selection. <b>2018</b> , 27, 89-94	17
543	Maxillofacial Reconstruction and Prosthetic Rehabilitation. 2018, 221-267	
542	Porous Titanium Implants: A Review. <b>2018</b> , 20, 1700648	90
541	Atemporal osseointegration: Early biomechanical stability through osseodensification. <b>2018</b> , 36, 2516-2523	17
540	Fabrication of an Implant-Supported Fixed Interim Prosthesis Using a Duplicate Denture: An Alternative Technique. <b>2018</b> , 27, 383-387	2
539	Enhancement of plasma protein adsorption and osteogenesis of hMSCs by functionalized siloxane coatings for titanium implants. <b>2018</b> , 106, 1138-1147	13
538	Fracture load of complete-arch implant-supported prostheses reinforced with nylon-silica mesh: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 606-610	7
537	In vitro fit of CAD-CAM complete arch screw-retained titanium and zirconia implant prostheses fabricated on 4 implants. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 409-416	15
536	Dentists' Most Common Practices when Selecting an Implant System. <b>2018</b> , 27, 250-259	5
535	Advances in Multiscale Characterization Techniques of Bone and Biomaterials Interfaces. <b>2018</b> , 4, 3678-3690	9
534	Marginal adaptation and CAD-CAM technology: A systematic review of restorative material and fabrication techniques. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 545-551	83
533	Influence of deposition temperature on the properties of hydroxyapatite obtained by electrochemical assisted deposition. <b>2018</b> , 44, 669-677	27
532	Influence of spark erosion on the fit of screw-retained Co-Cr fixed complete denture frameworks veneered with different materials. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 797-803	4
531	Nanostructured apatite-mullite glass-ceramics for enhanced primary human osteoblast cell response. <b>2018</b> , 214, 268-271	3
530	Surface characterization of titanium implant healing abutments before and after placement. <b>2018</b> , 20, 180-190	9

529	Roles of a new drug-delivery healing abutment in the prevention and treatment of peri-implant infections: a preliminary study <b>2018</b> , 8, 38836-38843	1
528	Anodized Titanium Production Using Titanium Oxide Suspended in Sulfuric Acid Electrolyte and Evaluation of Hydroxyapatite Formation in Simulated Body Fluid. <b>2018</b> , 43, 65-70	1
527	Implant therapy for a patient with osteogenesis imperfecta type I: review of literature with a case report. International Journal of Implant Dentistry, <b>2018</b> , 4, 36	2
526	A Case of Recovery with Dental Implant under Minimally Invasive Procedure using a Surgical Guide for a Single Intermediate Missing of Upper Molar Region . <b>2018</b> , 17, 45-48	
525	A Multicenter Retrospective Clinical Study with Up-to-5-Year Follow-up Utilizing a Method that Enhances Bone Density and Allows for Transcrestal Sinus Augmentation Through Compaction Grafting. <b>2018</b> , 33, 1305-1311	14
524	Evaluation of the Cortical Deformation Induced by Distal Cantilevers Supported by Extra-Short Implants: A Finite Elements Analysis Study. <b>2018</b> , 10, 762	1
523	Oxygen-ozone therapy in dentistry: current applications and future prospects. <b>2018</b> , 3,	2
522	Micro patterning of hydroxyapatite by soft lithography on hydrogels for selective osteoconduction. <b>2018</b> , 81, 60-69	15
521	Development of a PCL/gelatin/chitosan/ETCP electrospun composite for guided bone regeneration. <b>2018</b> , 7, 225-237	42
520	Accuracy of fit of implant-supported bars fabricated on definitive casts made by different dental stones. <b>2018</b> , 10, e252-e263	3
519	Osseointegrated Transcutaneous Device for Amputees: A Pilot Large Animal Model. <b>2018</b> , 2018, 4625967	1
518	Influence of vertical misfit in screw fatigue behavior in dental implants: A three-dimensional finite element approach. <b>2018</b> , 232, 1117-1128	1
517	Clinical performance of intentionally tilted implants versus axially positioned implants: A systematic review. <b>2018</b> , 29 Suppl 16, 78-105	11
516	Digital evaluation of axial displacement by implant-abutment connection type: An study. <b>2018</b> , 10, 388-394	7
515	Effect of Surgical Installation of Dental Implants on Surface Topography and Its Influence on Osteoblast Proliferation. <b>2018</b> , 2018, 4089274	5
514	Evaluation of Vertical Misfit of CAD/CAM Implant-Supported Titanium and Zirconia Frameworks. <b>2018</b> , 33, 1027-1032	4
513	Effect of Laser Therapy on the Osseointegration of Immediately Loaded Dental Implants in Patients under Vitamin C, Omega-3 and Calcium Therapy. <b>2018</b> , 6, 1468-1474	9
512	Mechanical Study of Optimal Implant Position for Maxillary Implant-Supported Overdentures Using Three-Dimensional Simulation Software. <b>2018</b> , 31, 619-626	1

511	Implant-associated gene expression in the jaw bone of smokers and nonsmokers: A human study using quantitative qPCR. <b>2018</b> , 29, 937-953	7
510	The effect of plasma treatment on the osseointegration of rough titanium implant: A histo-morphometric study in rabbits. <b>2018</b> , 13, 267-273	9
509	The sensitivity of contact stresses in the mandibular premolar region to the shape of Zirconia dental implant: A 3D finite element study. <b>2018</b> , 24, 55-63	1
508	Implant-Supported PMMA Monolithic Full-Arch Rehabilitation with Surgical Computer-Planned Guide and Immediate Provisional: A Case Report with One Year Follow-Up. <b>2018</b> , 2018, 9261276	
507	Influence of Manufacturing Methods of Implant-Supported Crowns on External and Internal Marginal Fit: A Micro-CT Analysis. <b>2018</b> , 2018, 5049605	3
506	Effects of interfacial micromotions on vitality and differentiation of human osteoblasts. <b>2018</b> , 7, 187-195	15
505	Metallic biomaterials: State of the art and new challenges. <b>2018</b> , 1-33	11
504	Biocompatible coatings for metallic biomaterials. <b>2018</b> , 323-354	2
503	Role of vitamin C in wound healing after dental implant surgery in patients treated with bone grafts and patients with chronic periodontitis. <b>2018</b> , 20, 793-798	10
502	Kaempferol-immobilized titanium dioxide promotes formation of new bone: effects of loading methods on bone marrow stromal cell differentiation in vivo and in vitro. <b>2018</b> , 13, 1665-1676	17
501	Discrepancy of complete-arch titanium frameworks manufactured using selective laser melting and electron beam melting additive manufacturing technologies. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 4 120, 942-947	27
500	Enhancing of Osseointegration with Propolis-Loaded TiOlNanotubes in Rat Mandible for Dental Implants. <b>2018</b> , 11,	17
499	Dental Implant Surgery: From Conventional to Guided to Navigated Approach. <b>2018</b> , 5, 140-146	1
498	Fixed Prosthodontics Complications. <b>2018</b> , 631-710	О
497	On Implant Prosthodontics: One Narrative, Twelve Voices - 3. <b>2018</b> , 31 Suppl, s23-s30	
496	Clinical Assessment of Dental Implant Stability During Follow-Up: What Is Actually Measured, and Perspectives. <b>2018</b> , 8,	28
495	Nanostructured Ag-substituted fluorhydroxyapatite-TiO coatings for enhanced bactericidal effects and osteoinductivity of Ti for biomedical applications. <b>2018</b> , 13, 2665-2684	25
494	Reflection of an ultrasonic wave on the bone-implant interface: A numerical study of the effect of the multiscale roughness. <b>2018</b> , 144, 488	20

493	Cone Beam Computed Tomography. Dental Clinics of North America, 2018, 62, 361-391	3.3	30
492	Endodontics or implants?. <b>2018</b> , 45, 506-521		
491	Titanium surface modification techniques for dental implants From microscale to nanoscale. <b>2018</b> , 99-124		9
490	The role of titanium in implant dentistry. <b>2018</b> , 505-529		2
489	Effect of Biologic Aging of Implants on Osseointegration in the Dog. <b>2019</b> , 39, 233-238		
488	Obtaining reliable intraoral digital scans for an implant-supported complete-arch prosthesis: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 237-241	4	14
487	Orthopedic Implants. <b>2019</b> , 425-439		12
486	Biomechanical Analysis of Bone Tissue After Insertion of Dental Implants Using Meshless Methods: Stress Analysis and Osseointegration. <b>2019</b> , 393-403		2
485	A new perspective to push forward a stagnated dental world. <b>2019</b> , 227, 85-87		3
484	Biomaterial and biomechanical considerations to prevent risks in implant therapy. <b>2019</b> , 81, 139-151		14
483	Effects of occlusal forces on the peri-implant-bone interface stability. <b>2019</b> , 81, 179-193		20
482	Effects of Daily Mastication on Bone Remodeling With Implant-Tooth-Supported Fixed Partial Prosthesis: A Finite Element Study. <b>2019</b> , 7, 33851-33858		4
481	Localized Ridge Augmentation Using Guided Bone Regeneration. 2019, 177-196		1
480	Mathematical equations for dental implant stability patterns during the osseointegration period, based on previous resonance frequency analysis studies. <b>2019</b> , 21, 1028-1040		5
479	Mechanisms of Adverse Local Tissue Reactions to Hip Implants. <b>2019</b> , 7, 176		26
478	Evaluation of Photocatalytic and Protein Adsorption Properties of Anodized Titanium Plate Immersed in Simulated Body Fluid. <b>2019</b> , 2019, 7826373		O
477	Prevalence and risk factors of peri-implantitis: A retrospective study. <b>2019</b> , 57, 8		1
476	Effect of Laser Energy Density, Internal Porosity and Heat Treatment on Mechanical Behavior of Biomedical Ti6Al4V Alloy Obtained with DMLS Technology. <b>2019</b> , 12,		19

475	Early loading of splinted implants in posterior mandible: Three-year results of a prospective multicenter study. <b>2019</b> , 30, 1049-1058	2
474	The Alberta Reconstructive Technique: An Occlusion-Driven and Digitally Based Jaw Reconstruction. <b>2019</b> , 129 Suppl 4, S1-S14	18
473	Does implantation site influence bone ingrowth into 3D-printed porous implants?. <b>2019</b> , 19, 1885-1898	21
472	Peri-implant tissue management after immediate implant placement using a customized healing abutment. <b>2019</b> , 31, 533-541	10
471	Principles of Basal Implantology. <b>2019</b> , 3-34	0
470	Immediate Implantation at Fresh Extraction Sockets. 2019,	
469	BMP-2-Loaded HAp:Ln (Ln = Yb, Er, Gd) Nanorods with Dual-Mode Imaging for Efficient MC3t3-E1 Cell Differentiation Regulation. <b>2019</b> , 35, 15287-15294	4
468	In vitro comparative analysis of two resonance frequency measurement devices: Osstell implant stability coefficient and Penguin resonance frequency analysis. <b>2019</b> , 21, 1124-1131	5
467	ATGL promotes the proliferation of hepatocellular carcinoma cells via the p-AKT signaling pathway. <b>2019</b> , 33, e22391	8
466	Evolution of Aesthetic Dentistry. <b>2019</b> , 98, 1294-1304	30
	and the first Cooper and the first of the fi	
465	Understanding the effects of PBF process parameter interplay on Ti-6Al-4V surface properties. <b>2019</b> , 14, e0221198	11
465 464		11
	<b>2019</b> , 14, e0221198	
464	2019, 14, e0221198  Tooth Bioengineering and Regenerative Dentistry. 2019, 98, 1173-1182  The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral	19
464	Tooth Bioengineering and Regenerative Dentistry. 2019, 98, 1173-1182  The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral remaining teeth: A case report. 2019, 57, 254  Immediately Loaded Fixed Full-Arch Implant-Retained Prosthesis: Clinical Analysis When Using a	19
464 463 462	Tooth Bioengineering and Regenerative Dentistry. 2019, 98, 1173-1182  The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral remaining teeth: A case report. 2019, 57, 254  Immediately Loaded Fixed Full-Arch Implant-Retained Prosthesis: Clinical Analysis When Using a Moderate Insertion Torque. 2019, 34, 737-744	19 1 2
464 463 462 461	Tooth Bioengineering and Regenerative Dentistry. 2019, 98, 1173-1182  The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral remaining teeth: A case report. 2019, 57, 254  Immediately Loaded Fixed Full-Arch Implant-Retained Prosthesis: Clinical Analysis When Using a Moderate Insertion Torque. 2019, 34, 737-744  Structuring of Bioceramics by Micro-Grinding for Dental Implant Applications. 2019, 10,  Significance of Orthotropic Material Models to Predict Stress Around Bone-Implant Interface Using	19 1 2 7

# (2019-2019)

457	Influence of mini-screw diameter and loading conditions on static and dynamic assessments of bone-implant contact: An animal study. <b>2019</b> , 22 Suppl 1, 96-100	1
456	Animal Experiments in Periodontal and Peri-Implant Research: Are There Any Changes?. <b>2019</b> , 7,	4
455	Biological responses of human bone mesenchymal stem cells to Ti and TiZr implant materials. <b>2019</b> , 21, 550-564	5
454	Applications of silica-based nanomaterials in dental and skeletal biology. <b>2019</b> , 77-112	4
453	Research on implants and osseointegration. <b>2019</b> , 79, 178-189	70
452	CAD/CAM vs Conventional Technique for Fabrication of Implant-Supported Frameworks: A Systematic Review and Meta-analysis of In Vitro Studies. <b>2019</b> , 32, 182-192	12
451	Fretting-corrosion behavior on dental implant connection in human saliva. <b>2019</b> , 94, 86-92	19
450	Cell Phone Radiation Effect on Bone-to-Implant Osseointegration: A Preliminary Histologic Evaluation in Rabbits. <b>2019</b> , 34, 643-650	O
449	Auricular prostheses attached to osseointegrated implants: multidisciplinary work-up and clinical evaluation. <b>2019</b> , 276, 1017-1027	10
448	Proposed Treatment Approach for Type II Sockets: Report of Two Cases. <b>2019</b> , 45, 227-234	
447	Is clinical experience important for obtaining the primary stability of dental implants with aggressive threads? An ex vivo study. <b>2019</b> , 24, e254-e259	1
446	Fundamentals in Loosening and Osseointegration of Orthopedic Implants. <b>2019</b> , 1-26	3
445	Treatment of a severe Class II Division 1 malocclusion combined with surgical miniscrew anchorage. <b>2019</b> , 155, 572-583	3
444	Titanium discs coated with 3,4-dihydroxy-l-phenylalanine promote osteogenic differentiation of human bone mesenchymal stem cells <b>2019</b> , 9, 9117-9125	2
443	A Randomized, Controlled, Multicenter Clinical Study Evaluating The Crestal Bone Level Change Of SLActive Bone Level B.3 mm Implants Compared To SLActive Bone Level 4.1 mm Implants For Single-Tooth Replacement. <b>2019</b> , 34, 708-718	10
442	Laser-induced nanostructures on titanium surfaces ensure osseointegration of implants in rabbit femora. <b>2019</b> , 6, 100266	7
441	Treatment Planning the Edentulous Mandible. Review of Biomechanical and Clinical Considerations: An Update. <b>2019</b> , 34, e33-e41	4
440	Bioactive Titanium Surfaces: Interactions of Eukaryotic and Prokaryotic Cells of Nano Devices Applied to Dental Practice. <b>2019</b> , 7,	40

439	Covalently-Linked Hyaluronan versus Acid Etched Titanium Dental Implants: A Crossover RCT in Humans. <b>2019</b> , 20,	3
438	Biologic Options in Interbody Fusion. <b>2019</b> , 145-149	1
437	Fiber-reinforced polymer: applications in biomedical engineering. <b>2019</b> , 393-429	1
436	Formation of Photocatalytically Active TiO2 Layers on TiNb Alloys by Two-Step Thermal Oxidation. <b>2019</b> , 60, 1814-1820	3
435	Accuracy of digital and conventional dental implant impressions for fixed partial dentures: A comparative clinical study. <b>2019</b> , 11, 271-279	12
434	A Retrospective Study on Insertion Torque and Implant Stability Quotient (ISQ) as Stability Parameters for Immediate Loading of Implants in Fresh Extraction Sockets. <b>2019</b> , 2019, 9720419	14
433	Effect of Platelet-Rich Fibrin and Bone Morphogenetic Protein on Dental Implant Stability. <b>2019</b> , 30, 1492-1496	6
432	Accuracy of different electronic torque drivers: A comparative evaluation. <b>2019</b> , 11, 350-357	1
431	Thumb Amputations Treated With Osseointegrated Percutaneous Prostheses With Up to 25 Years of Follow-up. <b>2019</b> , 3, e097	7
430	Accentuated osseointegration in osteogenic nanofibrous coated titanium implants. <i>Scientific Reports</i> , <b>2019</b> , 9, 17638	9 15
43° 429		9 15
	Reports, <b>2019</b> , 9, 17638 4-1	
429	Reports, <b>2019</b> , 9, 17638  New Innovations in Targeted Muscle Reinnervation: A Critical Analysis Review. <b>2019</b> , 7, e3	6
429 428	New Innovations in Targeted Muscle Reinnervation: A Critical Analysis Review. <b>2019</b> , 7, e3  Systemic Risk Factors for the Development of Periimplant Diseases. <b>2019</b> , 28, 115-119	6
429 428 427	New Innovations in Targeted Muscle Reinnervation: A Critical Analysis Review. 2019, 7, e3  Systemic Risk Factors for the Development of Periimplant Diseases. 2019, 28, 115-119  Distribution of Trabecular Bone Density in the Maxilla and Mandible. 2019, 28, 340-348	6 12 14
429 428 427 426	New Innovations in Targeted Muscle Reinnervation: A Critical Analysis Review. 2019, 7, e3  Systemic Risk Factors for the Development of Periimplant Diseases. 2019, 28, 115-119  Distribution of Trabecular Bone Density in the Maxilla and Mandible. 2019, 28, 340-348  Evolutionary approaches in protein engineering towards biomaterial construction 2019, 9, 34720-34734  Antiosteoporotic Drugs to Promote Bone Regeneration Related to Titanium Implants: A Systematic	6 12 14
429 428 427 426 425	New Innovations in Targeted Muscle Reinnervation: A Critical Analysis Review. 2019, 7, e3  Systemic Risk Factors for the Development of Periimplant Diseases. 2019, 28, 115-119  Distribution of Trabecular Bone Density in the Maxilla and Mandible. 2019, 28, 340-348  Evolutionary approaches in protein engineering towards biomaterial construction 2019, 9, 34720-34734  Antiosteoporotic Drugs to Promote Bone Regeneration Related to Titanium Implants: A Systematic Review and Meta-Analysis. 2019, 25, 89-99  A 30-Year Follow-Up of a Patient with Mandibular Complete-Arch Fixed Implant-Supported	6 12 14 4

421	Biomaterials, Definition, Overview. <b>2019</b> , 85-98	8
420	Development of a quantitative preclinical screening model for implant osseointegration in rat tail vertebra. <b>2019</b> , 23, 2959-2973	3
419	Adenoviral delivery of adiponectin ameliorates osteogenesis around implants in ovariectomized rats. <b>2019</b> , 21, e3069	3
418	Vertical Bone Construction with Bone Marrow-Derived and Adipose Tissue-Derived Stem Cells. <b>2019</b> , 11, 59	1
417	References. <b>2019</b> , 509-539	
416	Dental, tissue scaffold, and other specialized biomedical applications of alumina. <b>2019</b> , 123-137	1
415	Alumina bearings in orthopedics: Origin and evolution. <b>2019</b> , 139-178	
414	Fits of Implant Zirconia Custom Abutments and Frameworks: A Systematic Review and Meta-Analyses. <b>2019</b> , 34, 99-114	3
413	A Clinical Comparative Study of 3-Dimensional Accuracy between Digital and Conventional Implant Impression Techniques. <b>2019</b> , 28, e902-e908	35
412	Digital dentistry: The new state of the art - Is it disruptive or destructive?. <b>2020</b> , 36, 9-24	41
411	Implementation of a digital chain for the design and manufacture of implant-based surgical guides in a hospital setting. <b>2020</b> , 121, 347-351	1
410	The 100 most cited articles in prosthodontic journals: A bibliometric analysis of articles published between 1951 and 2019. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 724-730	9
409	The state of the art of osseointegration for limb prosthesis. <b>2020</b> , 10, 5-16	8
408	Osseodensification A systematic review and qualitative analysis of published literature. <b>2020</b> , 10, 375-380	16
407	A 22-Year Follow Up of Immediate Implant Placement without Bone Augmentation: A Case Series Study. <b>2020</b> , 29, 101-106	2
406	Diagnosis and Treatment Planning in Implant Restorative Dentistry. <b>2020</b> , 69-110	
405	Treatment of Edentulous Patients with Immediate Occlusal Loading. 2020, 279-325	
404	Mechanical aspects of dental implants and osseointegration: A narrative review. <b>2020</b> , 103, 103574	52

403	Functionalization of a clustered TiO nanotubular surface with platelet derived growth factor-BB covalent modification enhances osteogenic differentiation of bone marrow mesenchymal stem cells. <b>2020</b> , 230, 119650		26
402	Stereographic analog application in implant-supported complete rehabilitation: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 124, 14-18	4	O
401	Electrochemical methods to enhance osseointegrated prostheses. 2020, 10, 17-41		8
400	The Modular Prosthetic Limb. <b>2020</b> , 393-444		7
399	Interspecies Comparison of Alveolar Bone Biology, Part I: Morphology and Physiology of Pristine Bone. <b>2021</b> , 6, 352-360		2
398	3D-Focused ion beam tomography and quantitative porosity evaluation of ZrO2-SiO2 composite coating; amorphous SiO2 as a porosity tailoring agent. <b>2020</b> , 511, 145567		7
397	Nanomechanical properties of zirconium anodized in a mixture of electrolytes with fluoride ions. <b>2020</b> , 112, 104084		1
396	3D printed titanium scaffolds with ordered TiO2 nanotubular surface and mesoporous bioactive glass for bone repair. <b>2020</b> , 30, 502-509		10
395	Are Titania Photocatalysts and Titanium Implants Safe? Review on the Toxicity of Titanium Compounds. <b>2020</b> , 10,		17
394	Current biocompatible materials in oral regeneration: a comprehensive overview of composite materials. <b>2020</b> , 9, 11731-11755		8
393	Mechanical response of taper dental implants using finite element analysis. <b>2020</b> , 912, 022052		1
392	Review of Integrin-Targeting Biomaterials in Tissue Engineering. <b>2020</b> , 9, e2000795		16
391	Establishment and Evaluation of an In Vitro System for Biophysical Stimulation of Human Osteoblasts. <b>2020</b> , 9,		3
390	The Concept of Sustainable Development of Modern Dentistry. <b>2020</b> , 8, 1605		8
389	Osseointegration of Extremity Prostheses: A Primer for the Plastic Surgeon. <b>2020</b> , 146, 1394-1403		6
388	The Galvanic Effect of Titanium and Amalgam in the Oral Environment. <b>2020</b> , 13,		
387	Bone ongrowth and mechanical fixation of implants in cortical and cancellous bone. <b>2020</b> , 15, 177		8
386	The interplay between bone healing and remodeling around dental implants. <i>Scientific Reports</i> , <b>2020</b> , 10, 4335	4.9	19

385	Risk Factors for Peri-implant Diseases . <b>2020</b> ,		1
384	Electrochemical Behavior of Rejected Dental Implants in Peri-Implantitis. <b>2020</b> , 10, 209		1
383	A Novel Approach Using Customized Miniplates as Skeletal Anchorage Devices in Growing Class III Patients: A Case Report. <b>2020</b> , 10, 4067		0
382	Effect of Ultraviolet Irradiation on Osseointegration of Dental Implants: A Comparative Histomorphometric Study in Canine Models. <b>2020</b> , 10, 4216		O
381	Effects of UV Treatment on Ceria-Stabilized Zirconia/Alumina Nanocomposite (NANOZR). 2020, 13,		2
380	Surface Modifications for Implants Lifetime extension: An Overview of Sol-Gel Coatings. <b>2020</b> , 10, 589		8
379	Short Implants. 2020,		2
378	Textured and Porous Biomaterials. <b>2020</b> , 601-622		4
377	Management of Missing Teeth with C-implants. <b>2020</b> , 369-381		
376	. 2020,		
376 375	. 2020,  Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , 2020, 10, 2438	4.9	3
	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific</i>	4.9	3
375	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , <b>2020</b> , 10, 2438  Growth differentiation factor 11 impairs titanium implant healing in the femur and leads to	4.9	
375	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , <b>2020</b> , 10, 2438  Growth differentiation factor 11 impairs titanium implant healing in the femur and leads to mandibular bone loss. <b>2020</b> , 91, 1203-1212  Impact of Laser Structuring on Medical-Grade Titanium: Surface Characterization and Evaluation of	4.9	3
375 374 373	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , <b>2020</b> , 10, 2438  Growth differentiation factor 11 impairs titanium implant healing in the femur and leads to mandibular bone loss. <b>2020</b> , 91, 1203-1212  Impact of Laser Structuring on Medical-Grade Titanium: Surface Characterization and Evaluation of Osteoblast Attachment. <b>2020</b> , 13,  3D metal printing in dentistry: An in vitro biomechanical comparative study of two additive	4.9	3
375 374 373 372	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , <b>2020</b> , 10, 2438  Growth differentiation factor 11 impairs titanium implant healing in the femur and leads to mandibular bone loss. <b>2020</b> , 91, 1203-1212  Impact of Laser Structuring on Medical-Grade Titanium: Surface Characterization and Evaluation of Osteoblast Attachment. <b>2020</b> , 13,  3D metal printing in dentistry: An in vitro biomechanical comparative study of two additive manufacturing technologies for full-arch implant-supported prostheses. <b>2020</b> , 108, 103821  Intercalary Reconstruction of the "Ultra-Critical Sized Bone Defect" by 3D-Printed Porous	4.9	3 4 9
375 374 373 372 371	Biological reaction control using topography regulation of nanostructured titanium. <i>Scientific Reports</i> , <b>2020</b> , 10, 2438  Growth differentiation factor 11 impairs titanium implant healing in the femur and leads to mandibular bone loss. <b>2020</b> , 91, 1203-1212  Impact of Laser Structuring on Medical-Grade Titanium: Surface Characterization and Evaluation of Osteoblast Attachment. <b>2020</b> , 13,  3D metal printing in dentistry: An in vitro biomechanical comparative study of two additive manufacturing technologies for full-arch implant-supported prostheses. <b>2020</b> , 108, 103821  Intercalary Reconstruction of the "Ultra-Critical Sized Bone Defect" by 3D-Printed Porous Prosthesis After Resection of Tibial Malignant Tumor. <b>2020</b> , 12, 2503-2512  Pro-osteogenic Effects of WNT in a Mouse Model of Bone Formation Around Femoral Implants.	4.9	<ul><li>3</li><li>4</li><li>9</li><li>6</li></ul>

367	Formation of carbon-added anatase-rich TiO layers on titanium and their antibacterial properties in visible light. <b>2021</b> , 37, e37-e46	4
366	3D printed composite materials for craniofacial implants: current concepts, challenges and future directions. <b>2021</b> , 112, 635-653	11
365	Prospective randomized clinical trial evaluating the effects of two different implant collar designs on peri-implant healing and functional osseointegration after 25 years. <b>2021</b> , 32, 285-296	0
364	[Transcutaneous osseointegrated prosthetic systems after major amputation of the lower extremity: A´retrospective 3-year analysis]. <b>2021</b> , 50, 4-13	2
363	New insights into bioactivity of ceria-stabilized zirconia: Direct bonding to bone-like hydroxyapatite at nanoscale. <b>2021</b> , 121, 111665	2
362	A novel system exploits bone debris for implant osseointegration. <b>2021</b> , 92, 716-726	4
361	Protecting the skin-implant interface with transcutaneous silver-coated skin-and-bone-integrated pylon in pig and rabbit dorsum models. <b>2021</b> , 109, 584-595	3
360	Bioceramics in Tissue Engineering: Retrospect and Prospects. <b>2021</b> , 61-87	
359	Clinical Efficacy of Mesenchymal Stem Cells in Bone Regeneration in Oral Implantology. Systematic Review and Meta-Analysis. <b>2021</b> , 18,	2
358	Advances in implant surface modifications to improve osseointegration.	2
358 357	Advances in implant surface modifications to improve osseointegration.  Osseodensification Paradigm Shift. 2021, 343-346	2
		3
357	Osseodensification Paradigm Shift. <b>2021</b> , 343-346  Influence of the dental implant macrogeometry and threads design on primary stability: an in vitro	
357 356	Osseodensification Paradigm Shift. <b>2021</b> , 343-346  Influence of the dental implant macrogeometry and threads design on primary stability: an in vitro simulation on artificial bone blocks. <b>2021</b> , 24, 1242-1250  Recent Progress in Animal Studies of the Skin- and Bone-integrated Pylon With Deep Porosity for	3
357 356 355	Osseodensification Paradigm Shift. 2021, 343-346  Influence of the dental implant macrogeometry and threads design on primary stability: an in vitro simulation on artificial bone blocks. 2021, 24, 1242-1250  Recent Progress in Animal Studies of the Skin- and Bone-integrated Pylon With Deep Porosity for Bone-Anchored Limb Prosthetics With and Without Neural Interface. 2021, 186, 688-695	3
357 356 355 354	Osseodensification Paradigm Shift. 2021, 343-346  Influence of the dental implant macrogeometry and threads design on primary stability: an in vitro simulation on artificial bone blocks. 2021, 24, 1242-1250  Recent Progress in Animal Studies of the Skin- and Bone-integrated Pylon With Deep Porosity for Bone-Anchored Limb Prosthetics With and Without Neural Interface. 2021, 186, 688-695  The All-on-Four Concept. 2021, 195-229  Biological sealing and integration of a fibrinogen-modified titanium alloy with soft and hard tissues	3
357 356 355 354 353	Osseodensification Paradigm Shift. 2021, 343-346  Influence of the dental implant macrogeometry and threads design on primary stability: an in vitro simulation on artificial bone blocks. 2021, 24, 1242-1250  Recent Progress in Animal Studies of the Skin- and Bone-integrated Pylon With Deep Porosity for Bone-Anchored Limb Prosthetics With and Without Neural Interface. 2021, 186, 688-695  The All-on-Four Concept. 2021, 195-229  Biological sealing and integration of a fibrinogen-modified titanium alloy with soft and hard tissues in a rat model. 2021, 9, 5192-5208  The Effect of Material Surface Microstructure on the Enhancement of Bone-Bonding Ability of a	3

349	Management of surgical complication during dental implant placement. <b>2021</b> , 9, 13		1
348	Evaluation of Maxillary Bone in the Anterior Esthetic Zone for Immediate Implant Placement: An Observational CBCT Study. <b>2021</b> , 12, 311-315		
347	Impact of the 25-Hydroxycholecalciferol Concentration and Vitamin D Deficiency Treatment on Changes in the Bone Level at the Implant Site during the Process of Osseointegration: A Prospective, Randomized, Controlled Clinical Trial. <b>2021</b> , 10,		3
346	Assessing the Functional Properties of TiZr Nanotubular Structures for Biomedical Applications, through Nano-Scratch Tests and Adhesion Force Maps. <b>2021</b> , 26,		4
345	Etch-less microfabrication of structured TiO2 implant coatings on bulk titanium grade 23 by direct lithographic anodic oxidation. <b>2021</b> , 31, 035007		1
344	Surface Topography of Titanium Affects Their Osteogenic Potential through DNA Methylation. <b>2021</b> , 22,		2
343	Graphene-Doped Poly (Methyl-Methacrylate) (Pmma) Implants: A Micro-CT and Histomorphometrical Study in Rabbits. <b>2021</b> , 22,		2
342	Fractal analysis as a useful predictor for determining osseointegration of dental implant? A retrospective study. <i>International Journal of Implant Dentistry</i> , <b>2021</b> , 7, 14	2.8	6
341	The Effect of Threads Geometry on Insertion Torque (IT) and Periotest Implant Primary Stability: A High-Density Polyurethane Simulation for the Anterior Mandible. <b>2021</b> , 11, 308		O
340	Observation of Cells on a Simulated Titanium Surface with Transparency. <b>2021</b> , 100, 833-838		
339	Poly-ether-ether-ketone and implant dentistry: the future of mimicking natural dentition is now!. <b>2021</b> , 70, 999		2
338	State of the Art Care in Computer-Assisted Facial Prosthetic Rehabilitation. <b>2021</b> , 32, 1255-1263		1
337	Dental Implant Site Drilling and Induced Morphological Changes Correlated with Temperature in PigB Rib Used as the Human Jaw Model. <b>2021</b> , 11, 2493		
336	Effectiveness of Antibacterial Surfaces in Osseointegration of Titanium Dental Implants: A Systematic Review. <b>2021</b> , 10,		4
335	Histological and Histomorphometric Comparison of Innovative Dental Implants Laser Obtained: Animal Pilot Study. <b>2021</b> , 14,		
334	Orchestrating soft tissue integration at the transmucosal region of titanium implants. <b>2021</b> , 124, 33-49		39
333	The early loading of different surface-modified implants: a randomized clinical trial. <i>BMC Oral Health</i> , <b>2021</b> , 21, 207	3.7	О
332	New method to differentiate surface damping behavior and stress absorption capacities of common CAD/CAM restorative materials. <b>2021</b> , 37, e213-e230		1

331	Comparative study of the accuracy of an implant intraoral scanner and that of a conventional intraoral scanner for complete-arch fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	3
330	In vitro investigation of the cell compatibility and antibacterial properties of titanium treated with calcium and ozone. <b>2021</b> , 40, 712-718		
329	A Brief Review on the Evolution of Metallic Dental Implants: History, Design, and Application. <b>2021</b> , 8,		8
328	Dental Robotics: A Disruptive Technology. <b>2021</b> , 21,		3
327	Discrepancy at the implant abutment-prosthesis interface of complete-arch cobalt-chromium implant frameworks fabricated by additive and subtractive technologies before and after ceramic veneering. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 795-803	4	8
326	Race to invade: Understanding soft tissue integration at the transmucosal region of titanium dental implants. <b>2021</b> , 37, 816-831		30
325	Bibliometric analysis and evaluation of the Journal of Prosthetic Dentistry from 1970 to 2019. Journal of Prosthetic Dentistry, <b>2021</b> ,	4	1
324	The osteoimmunomodulatory effect of nanostructured TiF/TiOcoating on osteogenesis induction. <b>2021</b> , 16,		1
323	Anatase or rutile TiO2 nanolayer formation on Ti substrates by laser radiation: Mechanical, photocatalytic and antibacterial properties. <b>2021</b> , 138, 106898		7
322	Correlation between Primary, Secondary Stability, Bone Density, Percentage of Vital Bone Formation and Implant Size. <b>2021</b> , 18,		2
321	The bone anchored prostheses for amputees - Historical development, current status, and future aspects. <b>2021</b> , 273, 120836		4
320	Accuracy of marginal fit of an implant-supported framework fabricated by 3D printing versus subtractive manufacturing technique: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	2
319	Long-lasting renewable antibacterial porous polymeric coatings enable titanium biomaterials to prevent and treat peri-implant infection. <b>2021</b> , 12, 3303		30
318	An assessment of the passivity of the fit of multiunit screw-retained implant frameworks manufactured by using additive and subtractive technologies. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	1
317	Effect of Argon-Based Atmospheric Pressure Plasma Treatment on Hard Tissue Formation on Titanium Surface. <b>2021</b> , 22,		2
316	Cellular responses of histatin-derived peptides immobilized titanium surface using a tresyl chloride-activated method. <b>2021</b> , 40, 934-941		2
315	First-principles investigation of structural, electronic, mechanical, and lattice dynamical properties of Ti-Au intermetallic. <b>2021</b> , 578, 40-50		
314	Periodontitis: Clinical Aspects, Pathophysiology, Experimental Approaches and Emerging Therapies. <b>2021</b> , 11, 2130006		1

313	Postoperative Morbidity and Complications in Elderly Patients after Harvesting of Iliac Crest Bone Grafts. <b>2021</b> , 57,	1
312	Development of Till ralloys by powder metallurgy for biomedical applications. 1-8	О
311	In vitro and in vivo accuracy of full-arch digital implant impressions. <b>2021</b> , 32, 1444-1454	2
310	Annual review of selected scientific literature: A report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. <i>Journal of Prosthetic Dentistry</i> , 4 <b>2021</b> , 126, 276-359	
309	Programmed core-shell electrospun nanofibers to sequentially regulate osteogenesis-osteoclastogenesis balance for promoting immediate implant osseointegration. <b>2021</b> , 135, 274-288	O
308	Osteoblast Attachment Compromised by High and Low Temperature of Titanium and Its Restoration by UV Photofunctionalization. <b>2021</b> , 14,	2
307	Dental Implants and Digitization. <b>2021</b> , 335-371	
306	Microarray analysis reveals that lncRNA PWRN1-209 promotes human bone marrow mesenchymal stem cell osteogenic differentiation on microtopography titanium surface in vitro. <b>2020</b> , 108, 2889-2902	6
305	Clinical Gait Analysis and Musculoskeletal Modeling. <b>2014</b> , 165-187	1
304	Etiology and Prevention of Nerve Injuries. <b>2013</b> , 27-61	2
303	Dental Implant-Related Injuries of the Trigeminal Nerve. <b>2013</b> , 87-107	2
302	Considering Limb Impedance in the Design and Control of Prosthetic Devices. <b>2014</b> , 59-83	16
301	Periimplant Anatomy, Biology, and Function. <b>2012</b> , 626-634	1
300	Rationale for a reverse tapered body shift implant for immediate placement. <b>2020</b> , 49, 1630-1636	1
299	Effect of laser shock peening with and without protective coating on the microstructure and mechanical properties of Ti-alloy. <b>2020</b> , 129, 106052	9
298	Reconstruction of the oral cavity; past, present and future. <b>2020</b> , 108, 104683	5
297	Titanium Implants In Maxillofacial Reconstruction. <b>1995</b> , 28, 351-363	10
296	The Neurocutaneous Free Fibula Flap In Mandibular Reconstruction. <b>1994</b> , 27, 1081-1096	32

295	Mandibular Reconstruction Using Vascularized Bone Grafts. <b>1991</b> , 24, 1391-1418	26
294	Osseointegrated Implants for Replacement of Absent or Defective Ears. <b>1990</b> , 17, 355-366	115
293	Maxillofacial Restoration After Tumor Ablation. <b>1994</b> , 21, 87-96	13
292	Titanium fixtures for bone-conduction devices and the influence of type 2 diabetes mellitus. <b>2012</b> , 33, 1013-7	12
291	Marginal bone loss around oral implants supporting fixed versus removable prostheses: a systematic review. <i>International Journal of Implant Dentistry</i> , <b>2020</b> , 6, 20	8 6
290	Fixation of Implants. <b>2005</b> , 13-52	1
289	Increased crown-to-implant ratio may not be a risk factor for dental implant failure under appropriate plaque control. <b>2013</b> , 8, e63992	13
288	Fatigue performance of medical Ti6Al4V alloy after mechanical surface treatments. <b>2015</b> , 10, e0121963	45
287	In Vitro Analysis of Fibronectin-Modified Titanium Surfaces. <b>2016</b> , 11, e0146219	14
286	Chronological Age as Factor Influencing the Dental Implant Osseointegration in the Jaw Bone. <b>2018</b> , 119, 43-51	2
285	Approach to the Design and Manufacturing of Prosthetic Dental Restorations According to the Rules of Industry 4.0. <b>2020</b> , 9, 20200020	10
284	Internal and Marginal Fit and Fracture Strength of Narrow Diameter Dental Implant-Abutment Assembly. <b>2020</b> , 31, 127-134	2
283	On the way to total integration of prosthetic pylon with residuum. <b>2009</b> , 46, 345-60	20
282	Influence of prosthetic screw material on joint stability in passive and non-passive implant-supported dentures. <b>2009</b> , 3, 245-9	11
281	Influence of Mechanical Loading on Resonance Frequency Analysis and Trabecular Structure of Peri-implant Bone. <b>2007</b> , 6, 120-126	5
<b>2</b> 80	Transcription factor and bone marrow stromal cells in osseointegration of dental implants. <b>2013</b> , 26, 263-70; discussion 270-1	4
279	Temperatures generated during implant site preparation with conventional drilling versus single-drill method: an ex-vivo human mandible study. <b>2019</b> , 68, 277-284	1
278	Qualitative study of the New Bone formation Surrounding the Ti-implant by FTIR and Polarizing Microscope. <b>2008</b> , 17, 131-140	6

# (2015-2020)

277	Morphological changes in the bone tissue around dental implants after low-frequency low-intensity ultrasound applications. <b>2020</b> , 17, 20-27	7
276	Biomaterials for craniofacial reconstruction. <b>2009</b> , 8, Doc08	17
275	Passive and active middle ear implants. <b>2009</b> , 8, Doc09	9
274	Dentistry 4.0 Concept in the Design and Manufacturing of Prosthetic Dental Restorations. <b>2020</b> , 8, 525	23
273	Influence of Resonance Frequency Analysis (RFA) Measurements for Successful Osseointegration of Dental Implants During the Healing Period and Its Impact on Implant Assessed by Osstell Mentor Device. <b>2019</b> , 7, 4110-4115	2
272	Notoginsenoside R1 promotes differentiation of human alveolar osteoblasts in inflammatory microenvironment through inhibiting NF-B pathway and activating Wnt/Etatenin pathway. <b>2020</b> , 22, 4754-4762	2
271	HYDROXYAPATITE COATINGS. <b>1994</b> , 17, 267-278	46
270	Short implants: A systematic review. <b>2012</b> , 16, 302-12	24
269	2D FEA of evaluation of micromovements and stresses at bone-implant interface in immediately loaded tapered implants in the posterior maxilla. <b>2013</b> , 17, 637-43	4
268	Effectiveness of hyperbaric oxygen therapy in irradiated maxillofacial dental implant patients: A systematic review with meta-analysis. <i>Journal of Indian Prosthodontic Society, The</i> , <b>2017</b> , 17, 109-119	12
267	Management of atrophic mandibular ridge with mini dental implant system. <b>2010</b> , 1, 176-8	3
266	Full mouth rehabilitation of a patient with mandibular implant screw retained Fp-3 prosthesis opposing maxillary acrylic removable over-denture. <b>2013</b> , 4, 231-5	4
265	Noninvasive method for retrieval of broken dental implant abutment screw. <b>2014</b> , 5, 264-7	9
264	Survival rate of dental implant placement by conventional or flapless surgery in controlled type 2 diabetes mellitus patients: A systematic review. <b>2019</b> , 30, 600-611	5
263	Evaluation of marginal bone loss around dental implants in cigarette smokers and nonsmokers. A comparative study. <b>2020</b> , 9, 729-734	4
262	Surface Modification of Titanium Plate with Anodic Oxidation and Its Application in Bone Growth. <b>2013</b> , 04, 74-83	10
261	Evolution of External and Internal Implant to Abutment Connection. 2012, 3, 122-129	10
260	An Intraoperative Site-specific Bone Density Device: A Pilot Test Case. <b>2015</b> , 16, 697-703	1

259	Creating Esthetic Harmony with Nonloading, Fixed Provisional Restoration using Extracted Teeth after Immediate Implant Placement. <b>2016</b> , 17, 344-6	0
258	Evaluation of Osseointegration in Implants using Digital Orthopantomogram and Cone Beam Computed Tomography. <b>2016</b> , 17, 953-957	3
257	Periodic Assessment of Peri-implant Tissue Changes: Imperative for Implant Success. <b>2019</b> , 20, 173-178	1
256	Clinical study on screw loosening in dental implant prostheses: a 6-year retrospective study. <b>2020</b> , 46, 133-142	5
255	Effect of smoking on the survival of dental implants. <b>2014</b> , 158, 650-3	16
254	Ion-Doped Silicate Bioceramic Coating of Ti-Based Implant. <b>2016</b> , 20, 189-200	3
253	Heat Development During Medical Drilling: Influencing Factors and Examination Methods - Overview and First Results. <b>2021</b> , 35, 3011-3017	О
252	To review the effect of tightened and loosened torque on two different implantAbutment connection designs: A scanning electron microscope study. <b>2021</b> , 13, 230	
251	Comparison of the Morse Cone Connection with the Internal Hexagon and External Hexagon Connections Based on Microleakage - Review. <b>2021</b> , 122, 181-190	2
250	The biomechanical profile of an osseo-integrated rectangular block implant: A pilot in vivo experimental study. <b>2021</b> , 32, 1274-1287	1
249	Evaluation of a custom-designed human-robot collaboration control system for dental implant robot. <b>2021</b> , e2346	0
248	Is the timing of implant placement and loading influencing esthetic outcomes in single-tooth implants?-A systematic review. <b>2021</b> , 32 Suppl 21, 28-55	2
247	Fracture Resistance Behaviors of Titanium-Zirconium and Zirconia Implants. 2021,	0
246	The influence of laser-microgrooved implant and abutment surfaces on mean crestal bone levels and peri-implant soft tissue healing: a 3-year longitudinal randomized controlled clinical trial. 2.8  International Journal of Implant Dentistry, 2021, 7, 102	O
245	Maxillofacial reconstruction. <b>2002</b> , 157-181	
244	Computer based approach for design and treatment of immediately loaded implants. 2002, 965-969	
243	Hard Tissue Replacements. <b>2002</b> , 173-206	
242	Medical Devices. <b>2004</b> , 119-200	

241	Cirugâ y oncologâ de cabeza y cuello - Pages 695-712. <b>2004</b> , 695-712	
240	Craniofacial reconstruction with bone morphogenetic proteins. 2004, 133-155	
239	Epilamization/Barrier Films. 2004,	
238	Passive fit of frameworks in titanium and palladiumBilver alloy submitted the laser welding. <b>2007</b> , 071027192	2837001-?
237	The management of a complex implant case using CAD-CAM technology: A clinical report. 2008, 46, 634	
236	Detorque force and surface change of coated abutment screw after repeated closing and opening. <b>2008</b> , 46, 500	3
235	Non-submerged type implant stability analysis during initial healing period by resonance frequency analysis. <b>2009</b> , 39, 339	1
234	The effect of Ca-P coatings of anodized implant surface on response of osteoblast-like cells in vitro. <b>2009</b> , 47, 376	
233	Mini Dental Implants as a Simple Treatment Alternative for Edentulous Mandibular Cases. <b>2011</b> , 2, 93-96	
232	Clinical Evaluation of the Implant Patient. <b>2012</b> , 635-648	O
231	Results of Implant Treatment. 2012, 763-768	
230	Implant-Related Complications and Failures. <b>2012</b> , 731-744	
229	Design Optimization of Dental Implants Using Finite Element Analysis for Injecting Bioactive Materials. <b>2012</b> , 22, 292-297	
228	Surface Treatment of the Ti-Based Nanomaterials. <b>2012</b> , 221-303	
227	Three-dimensional finite element analysis of stress distribution for different implant thread slope and implant angulation. <b>2013</b> , 51, 1	
226	Further Reading. <b>2013</b> , 241-248	
225	Design optimization of the outlet holes for bone crystal growing with bioactive materials in dental implants: Part II. number and shapes. <b>2013</b> , 23, 76-80	
224	Design optimization of the outlet holes for bone crystal growing with bioactive materials in dental implants: Part I. cross-sectional area. <b>2013</b> , 23, 67-75	

223	Bone-Implant Interface in Patients with Neoplasmatic Disease. <b>2014</b> , 327-333	
222	Transition in the assessment of overdentures using natural root or implant. <b>2014</b> , 6, 223-232	2
221	Die extreme Atrophie des Unterkiefers Leine Indikation zu Implantatversorgung. 1988, 371-378	1
220	Development of Bone-Implant Interface During Healing Phase of Dental Implants. <b>1991</b> , 352-360	
219	Bewlirte Methoden der pr\u00e4rothetischen Chirurgie. <b>1991</b> , 88-98	
218	The Meaning of Biocompatibility. <b>1991</b> , 3, 755-764	2
217	What We Know About the Interface Between Implants and Soft Tissues. 1991, 3, 775-793	6
216	Transplantation von Knochen. <b>1992</b> , 163-177	2
215	De overkappingsprothese op implantaten. <b>1994</b> , 167-220	
214	Klinische studies naar de effecten van overkappingsprothesen. <b>1994,</b> 55-79	
213	Anatomic Considerations in the Partially and Fully Edentulous Mandible. <b>1994</b> , 2, 1-8	
212	AUGMENTATION OF THE EDENTULOUS MAXILLA AND MANDIBLE FOR IMPLANT UTILIZATION. <b>1994</b> , 6, 781-811	1
211	Application of Materials in Medicine, Biology, and Artificial Organs. <b>1996</b> , 455-XVI	
210	EMERGENCE PROFILE CONSIDERATIONS FOR IMPLANT SURGERY. <b>1996</b> , 8, 413-429	1
209	Use of the trapezius flap in head and neck reconstruction. <b>1999</b> , 7, 185	
208	Finite Element Analysis for Evaluating Mechanical Properties of the BoneImplant Interface. <b>1999</b> , 591-604	
207	Hard Tissue Replacements. <b>1999</b> ,	
206	Various Treatment Modalities for Retrieval of Broken Abutment Screw in Implant Prosthodontics. <b>2015</b> , 1, 60-65	

205	Diagnosis and Treatment Planning in Implant Restorative Dentistry. 57-90	
204	Treatment of a Patient with an Edentulous Mandible with an Immediate Occlusal Loading Protocol (DIEM <sup>[]</sup> 2). 209-242	
203	Fabrication and cell attachment characteristics of nanotubes on the surface of Ti-6Al-4V dental implant alloy. <b>2015</b> , 39, 127-134	
202	Quantification of Implant Osseointegration by Means of a Reconstruction Algorithm on Micro-computed Tomography Images. <b>2016</b> , 111-122	
201	Comparative Evaluation of Microroughness created on Titanium Alloy for use in Dental Implants subjected to Two Different Acid Etching Techniques: An in vitro Study. <b>2016</b> , 6, 1-8	
200	A Retrospective Study of the AL Technology Implant System used for Single-Tooth Replacement. 039-046	2
199	Systemic Assessment of Patients Undergoing Dental Implant Surgeries: A Trans- and Post-operative Analysis. <b>2017</b> , 23, 58-62	2
198	Multifunctional properties of light metals based composite materials synthesised by powder metallurgy. <b>2017</b> , 67, 564-570	Ο
197	Evaluation of Patient Satisfaction in Implant-supported Dentures retained with Ball and Bar Attachment through Verbal Rating System. <b>2017</b> , 6, 1-5	
196	Deciphering All-on-4 and Its Perspectives. <b>2017</b> , 8, 35-39	
195	Surface Area of the Prosthesis Support Polygon with Different Implant Configurations in Edentulous Maxillae. <b>2017</b> , 3, 1-4	0
194	Combined application of low intensity pulsed ultrasound in dental implantation. <b>2017</b> , 5, 94-99	
193	Cytomorphometric characteristics of imprints of the contact area between the gingiva and the dental implant after one-step implantation. <b>2017</b> , 77-82	
192	New Generation Titanium Biologically Fixed Threaded Implants in Jawbone and Hip Joint. 2017, 9,	1
191	Success of Immediate Implants in Anterior Esthetic Zone: One Year Prospective Study. <b>2018</b> , 9, 451-456	1
190	FARKLI DENTAL °MPLANTLARIN BAÄRI ORANLARININ GER°YE DNK OLARAK DEERLEND°R°LMES°. 174-181	3
189	FARKLI DENTAL °MPLANTLARIN BABRI ORANLARININ GER°YE DINK OLARAK DEERLEND°R°LMES°. <b>2017</b> , 2017,	
188	Evaluation of the effect of tissue-engineered constructs based on octacalcium phosphate and gingival stromal cells on dental implants osteointegration. <b>2018</b> , XIII,	1

187	Reconstruction of Major Anterior Defects of the Mandible. <b>2019</b> , 417-420	
186	GM-CSF Stimulates Mouse Macrophages and Causes Inflammatory Effects in Vitro. <b>2019</b> , 28, 37-42	1
185	Effect of Resilient Liner on Peri-implant Structures in Early Loading Ball and Socket Implant Supported Overdentures. <b>2019</b> , 10, 335-339	
184	Removal of Dental Implants using Electrocautery: A Preliminary Report. <b>2019</b> , 23, 196-204	2
183	Effect of 0.2% peracetic acid disinfection on the horizontal dimension of implant framework indexed with two autopolymerized acrylic resins. <i>International Journal of Implant Dentistry</i> , <b>2019</b> , 5, 35	
182	Dimensional Changes of 3-Unit Implant-Supported Zirconia Frameworks of Two CAD/CAM Systems from Scanning to Sintering. <b>2019</b> , 16, 194-205	1
181	Osseous Integration After Exenteration. <b>2020</b> , 107-126	
180	Principles of biomechanics in oral implantology. <b>2019</b> , 92, S14-S19	1
179	Significance of Bonelimplant Contact in Short Implants and Clinical Impact. 2020, 81-93	
178	Analysis of fit on implants of chrome cobalt versus titanium frameworks made by cad / cam milling. <b>2020</b> , 12, e951-e957	
177	The study on material surface on the effect of the Low-Intensity Pulsed Ultrasound (LIPUS) for Osseointegration of the Hydroxyapatite coating dental implant. <b>2020</b> , 079-083	
176	NanoZnO-modified titanium implants for enhanced anti-bacterial activity, osteogenesis and corrosion resistance. <b>2021</b> , 19, 353	13
175	A comprehensive review on biocompatible thin films for biomedical application. <b>2021</b> , 48, 4377-4377	1
174	A biomimetic engineered bone platform for advanced testing of prosthetic implants. <i>Scientific Reports</i> , <b>2020</b> , 10, 22154	2
173	°ki Farkl∓rez H <del>žññ</del> DilÎmplantññ Primer Stabilitesine Etkisinin K <del>ÿ</del> aslanmas÷ex Vivo äl <b>ē</b> na.	
172	A Pilot Study with Randomised Controlled Design Comparing TiZr Alloy Dental Implants to Ti Implants. <b>2020</b> , 11, e3	
171	The influence of local and systemic factors upon dental implant osseointegration: A critical review. <b>2020</b> , 7, 65	1
170	Displacement of scan body during screw tightening: A comparative study. <b>2020</b> , 12, 307-315	1

169	A Short History of Dental Implants. <b>2020</b> , 1-7	
168	The Impact of Implant Surface Characteristic and Genetics on Peri-implant Diseases. <b>2020</b> , 99-113	
167	Primary stability of self-tapping dual etched implants. <b>2019</b> , 68, 291-296	
166	Preservation of Bone and Soft Tissue Components of the Alveolar Ridge during Immediate Implantation in the Aesthetic Zone of Jaws with Bone Deficiency. <b>2020</b> , 12, 57-62	
165	Current trends for maxillary implant overdentures. <b>2021</b> , 40, 54-58	
164	Patent landscape report on dental implants: A technical analysis. 2021,	
163	Assessment of the Healing of Dental Implant Surgical Site Following Low-Level Laser Therapy Using Bioclinical Parameters: An Exploratory Study. <b>2021</b> , 47, 230-235	2
162	Herderkrankungen aus mund-, kiefer- und gesichtschirurgischer Sicht. <b>2006</b> , 47-68	
161	The Effect of Non-Steroidal Anti-inflammatory Drugs (NSAIDs) on Bone Healing around Osseointegrated Dental Implants - A Systematic Review. <b>2020</b> , 9, 3009-3013	
160	Comparing Static, Dynamic and Impact Loading Behavior of Biomimetic Porous Dental Implants with Conventional Dental Implants (3D Finite Element Analysis)	1
159	Antibacterial Functionalization of Ti-based Biomaterials Based on the Understanding of the Inactivation Mechanisms of Bacteria via Photocatalytic Activity of Titanium Oxide: Visible-light Responsive Reaction of Titanium Oxide Coating. <b>2020</b> , 59, 612-617	1
158	Tissue-supported dental implant prosthesis (overdenture): the search for the ideal protocol. A literature review. <b>2012</b> , 3, 2-10	3
157	Pain management for dentists: the role of ibuprofen. <b>2011</b> , 2, 3-24	25
156	CAD/CAM technologies in the surgical and prosthetic treatment of the edentulous patient with biomymetic individualized approach. <b>2008</b> , 1, 2-14	10
155	Comparison of Dimensional Accuracy between Open-Tray and Closed-Tray Implant Impression Technique in 15° Angled Implants. <b>2013</b> , 14, 96-102	4
154	Influence of Implant Position on Stress Distribution in Implant-Assisted Distal Extension Removable Partial Dentures: A 3D Finite Element Analysis. <b>2014</b> , 11, 523-30	7
153	Effect of different impression materials and techniques on the dimensional accuracy of implant definitive casts. <b>2015</b> , 12, 136-43	6
152	Application of Orthodontic Immediate Force on Dental Implants: Histomorphologic and Histomorphometric Assessment. <b>2017</b> , 7, 11-17	2

151	Effect of Polyvinyl Siloxane Viscosity on Accuracy of Dental Implant Impressions. 2017, 14, 40-47		1
150	[Evaluation of the stress distribution in tooth implant-supported fixed partial prostheses on different bone types under dynamic loads]. <b>2015</b> , 33, 286-90		
149	The effect of a new oral anticoagulant (Rivaroxaban) on implants pull-out strength. An experimental study in rats. <b>2017</b> , 2, 1-5		
148	Soft tissue thickness evaluation in screw-retained crowns by the biologically oriented preparation technique (BOPT) <b>2021</b> , 13, e1209-e1215		
147	Evaluation of osteoblastic cell behavior upon culture on titanium substrates photo-functionalized by vacuum ultra-violet treatment. <b>2021</b> , 410, 112944		1
146	Effects of platelet concentrates on implant stability and marginal bone loss: a systematic review and meta-analysis. <i>BMC Oral Health</i> , <b>2021</b> , 21, 579	3.7	O
145	3D printed implant surgical guides with internally routed irrigation for temperature reduction during osteotomy preparation: A pilot study. <b>2021</b> ,		
144	Factors Related to Early Marginal Bone Loss in Dental Implants Multicentre Observational Clinical Study. <b>2021</b> , 11, 11197		1
143	Titanium with nanotopography attenuates the osteoclast-induced disruption of osteoblast differentiation by regulating histone methylation <b>2021</b> , 112548		1
142	Effectiveness of Biofunctionalization of Titanium Surfaces with Phosphonic Acid. <b>2021</b> , 9,		1
141	Multicenter clinical trial on dental implants survival rate: a FDS76 study. 2021, 70,		
140	Immediate restoration of fixed full-arch prostheses placed on implants in both fresh and healed sockets using the flat one-bridge technique: a 7-year retrospective study. <i>BMC Oral Health</i> , <b>2021</b> , 21, 617	3.7	O
139	IMMEDIATE IMPLANTATION AND AESTHETIC COMPONENT AS A RESULT OF SUCCESSFUL FORECAST TREATMENT. <b>2021</b> , 74, 2614-2619		1
138	°MPLANT DESTEKL° PROTEZLERDE KONVANS°YONEL VE D°J°TAL ŒS°STEMAT°K DERLEME.		
137	Evaluation of misfit and stress distribution in implant-retained prosthesis obtained by different methods. <b>2021</b> , 32, 67-76		О
136	Investigation of Implant Stability Quotient Values of Dental Implants Placed in Vascularized Bone Grafts. <b>2022</b> , 31, 55-58		
135	Potassium Titanate Assembled Titanium Dioxide Nanotube Arrays Endow Titanium Implants Excellent Osseointegration Performance and Nerve Formation Potential <b>2022</b> , 10, 839093		
134	Evaluation of peri-implant soft and hard tissues behavior in screw-retained crowns by the biologically oriented preparation technique (BOPT): Ambispective longitudinal analytical study <b>2022</b> , 14, e64-e71		

133	Innovative Concepts and Recent Breakthrough for Engineered Graft and Constructs for Bone Regeneration: A Literature Systematic Review <b>2022</b> , 15,	4
132	Mapping Bone Marrow Cell Response from Senile Female Rats on Ca-P-Doped Titanium Coating <b>2022</b> , 15,	О
131	The Effect of Under-Drilling and Osseodensification Drilling on Low-Density Bone: A Comparative Ex Vivo Study. <b>2022</b> , 12, 1163	О
130	"Comparison of clinical outcomes of immediate versus delayed placement of dental implants. A systematic review and meta-analysis" <b>2022</b> ,	
129	Genesis and historic evolution of tissue engineering and regenerative medicine. 2022, 1-7	
128	Insight Into Corrosion of Dental Implants: From Biochemical Mechanisms to Designing Corrosion-Resistant Materials <b>2022</b> , 1-15	2
127	How surface coatings on titanium implants affect keratinized tissue: A systematic review 2022,	O
126	Evaluation of cytocompatibility and osteoconductivity of Zr-14Nb-5Ta-1Mo alloy with MC3T3-E1 cells <b>2022</b> ,	
125	Low Insertional Torque and Early Dental Implant Failure 2022,	
124	Probing the sensitivity of the resonant frequency analysis to the dental implant-bone condition: A numerical study <b>2022</b> , 128, 105128	
123	Immediate Implant Placement in the Maxillary Aesthetic Zone: A Cone Beam Computed Tomography Study <b>2021</b> , 10,	1
122	[Possibilities and prospects for experimental and clinical instrumentation techniques for determining the primary stability of dental implants in comparative analysis] <b>2022</b> , 101, 96-102	
121	Apatite formation on electrochemically modified surface of hafnium metal in simulated body environment. <b>2022</b> , 10, 215-222	
120	Effect of Framework's Manufacturing Technique on Screw's Preload of Implant Supported Prosthesis <b>2022</b> , 25, 185-191	
119	Aesthetic Considerations in Implant Therapy - A Review. <b>2022</b> , 11, 277-282	
118	Effect of pore size on tissue ingrowth and osteoconductivity in biodegradable Mg alloy scaffolds <b>2022</b> , 20, 22808000221078168	1
117	Dental Implants and Bone Augmentation. <b>2022</b> , 135-155	
116	Latest Trends in Surface Modification for Dental Implantology: Innovative Developments and Analytical Applications <b>2022</b> , 14,	5

115	Effect of hydrothermal treatment of titanium in high concentration of AgNO3 solution on surface morphology and roughness. 11, 221		
114	Endosseous Dental Implant Materials and Clinical Outcomes of Different Alloys: A Systematic Review <b>2022</b> , 15,		1
113	Evaluation of change in trabecular bone structure surrounding dental implants by fractal dimension analysis and comparison with radiomorphometric indicators: a retrospective study <b>2022</b> , 10, e13145		1
112	The Clinical History and Basic Science Origins of Transcutaneous Osseointegration for Amputees <b>2022</b> , 2022, 7960559		1
111	Accuracy of Fixed Implant-Supported Dental Prostheses Additively Manufactured by Metal, Ceramic, or Polymer: A Systematic Review <b>2022</b> , 31, 70-87		2
110	Levels of smoking and peri-implant marginal bone loss: A systematic review and meta-analysis. <b>2022</b> , 101721		
109	Temporary Botulinum Immobilization of Residuum Muscles for Facilitation of the Initial Ingrowth of Skin to the Porous Skin and Bone Integrated Pylon in the Technology of Direct Skeletal Attachment: Large Animal Model. <b>2022</b> , 3,		
108	Current and future perspectives on biomaterials for segmental mandibular defect repair. 1-13		O
107	Immediate Loading of a Fully Tapered Implant with Deep Apical Threads Placed in Healed Alveolar Ridges vs. Immediate Extraction Sockets <b>2022</b> ,		1
106	Implant-Abutment Discrepancy Before and After Acrylic Resin Veneering of Complete-Arch Titanium Frameworks Manufactured Using Milling and Electron Beam Melting Technologies <b>2022</b> , 31, 88-96		
105	Assessment of Factors that Affect Primary Stability of Minimally Invasive Implant (MII): An in vitro Study. <b>2022</b> , 26, 1-14		
104	The effect of framework fabrication technique on the fit accuracy of full arch screw retained implant supported prostheses. <b>2022</b> ,		1
103	Engineering Proprioceptive Implants via Surgical and Regenerative Approaches: Preliminary Interpretations.		
102	Integration of collagen fibers in connective tissue with dental implant in the transmucosal region <b>2022</b> , 208, 833-843		O
101	The effect of cortical thickness and thread profile dimensions on stress and strain in bone-anchored implants for amputation prostheses <b>2022</b> , 129, 105148		
100	Photogrammetry technology in implant dentistry: A systematic review. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	O
99	Bone stress and damage distributions during dental implant insertion: a novel dynamic FEM analysis <b>2021</b> , 1-12		
98	Evaluation of stress levels of dental implants in different macro-geometry in Type 2 bone: a finite element analysis.		

97	Impact of Drilling Speed in Implantology: A Review. <b>2021</b> , 35, 78	
96	Preparation of TiO Nanotube Array on the Pure Titanium Surface by Anodization Method and Its Hydrophilicity <b>2021</b> , 2021, 2717921	
95	The role of forkhead box class O1 during implant osseointegration. 2021,	
94	Bioactive Coatings on Titanium: A Review on Hydroxylation, Self-Assembled Monolayers (SAMs) and Surface Modification Strategies <b>2021</b> , 14,	2
93	Multicenter clinical trial on dental implants survival rate: a FDS76 study. <b>2021</b> , 70, 190-195	1
92	Evaluation of the Surface of Dental Implants After the Use of Instruments Used in Biofilm Removal: A Comparative Study of Several Protocols. <b>2022</b> , 55-58	
91	The Implant Proteome-The Right Surgical Glue to Fix Titanium Implants In Situ 2022, 13,	0
90	Implantatoberflähen und klinische Performance: wo ist die Evidenz?.	
89	Complications Associated With Metal Resin Fixed Complete Denture Based On Implant Distribution <b>2022</b> ,	
88	A Review of Biomimetic Topographies and Their Role in Promoting Bone Formation and Osseointegration: Implications for Clinical Use <b>2022</b> , 7,	1
87	Micro/nanostructural properties of peri-implant jaw bones: a human cadaver study <i>International Journal of Implant Dentistry</i> , <b>2022</b> , 8, 17	2.8
86	A Comparative Study Evaluating Implant Success and Bone Loss in Diabetes and Nondiabetes <b>2021</b> , 13, S1410-S1413	O
85	CHAPTER 7. Amorphous Calcium Phosphate Coatings. <b>2022</b> , 114-133	
84	Drug Eluting Ceramics in the Field of Spinal Infections. <b>2022</b> , 281-290	
83	Dental implant thread profile optimization using Taguchi approach. 2022,	0
82	Effects of Titanium Implant Surface Topology on Bone Cell Attachment and Proliferation in vitro <b>2022</b> , 15, 103-119	O
81	Electrochemical and In Vitro Biological Evaluation of Bio-Active Coatings Deposited by Magnetron Sputtering onto Biocompatible Mg-0.8Ca Alloy <b>2022</b> , 15,	1
80	Titanium Dental Implants: An Overview of Applied Nanobiotechnology to Improve Biocompatibility and Prevent Infections <b>2022</b> , 15,	O

Apatite-forming ability of sandblasted and acid-etched titanium surfaces modified by ultraviolet irradiation: An in vitro study.. **2022**, 45, 506-513

78	Osseointegrated Metallic Implants for Finger Amputees: A Review of the Literature <b>2022</b> ,		
77	Accuracy of digital implant impressions in clinical studies: A systematic review 2022,		3
76	Misfit simulation on implant prostheses with different combinations of engaging and nonengaging titanium bases. Part 1: Stereomicroscopic assessment of the active and passive fit <i>Journal of Prosthetic Dentistry</i> , <b>2022</b> ,	4	
75	The long-term impact of alveolar ridge preservation with xenograft bone mineral on peri-implant health after 5 years in function: A retrospective cohort study of 108 patients assessed clinically and radiologically <i>Clinical and Experimental Dental Research</i> , <b>2022</b> ,	1.9	0
74	Antibacterial Surface Treatment of Titanium Alloys. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , <b>2021</b> , 72, 616-621	0.1	
73	Biomaterials, Biocompatibility, and Peri-Implant Considerations. <i>Dental Clinics of North America</i> , <b>1986</b> , 30, 3-23	3.3	18
72	IMPLANTS FOR THE EDENTULOUS PATIENT. <i>Dental Clinics of North America</i> , <b>1996</b> , 40, 195-215	3.3	3
71	THE USE OF IMPLANTS IN THE RECONSTRUCTION OF ORAL CANCER PATIENTS. <i>Dental Clinics of North America</i> , <b>1998</b> , 42, 177-202	3.3	11
70	Calcium Phosphate Coatings For Dental Implants. <i>Dental Clinics of North America</i> , <b>1992</b> , 36, 1-18	3.3	53
69	Success and patient satisfaction of immediately loaded zirconia implants with fixed restorations one year after loading. <i>BMC Oral Health</i> , <b>2022</b> , 22,	3.7	О
68	Biomechanical Evaluation of Mandibular Overdentures Supported by Mini-Implants: A Finite Element Analysis. <i>Journal of Mechanics in Medicine and Biology</i> ,	0.7	
67	Accuracy of 2 direct digital scanning techniquesIntraoral scanning and stereophotogrammetryfor complete arch implant-supported fixed prostheses: A prospective study. <i>Journal of Prosthetic Dentistry</i> , <b>2022</b> ,	4	
66	The effects of bar holder material, cantilever and vertical misfit on stresses in implant supported overdentures: Three dimensional finite element analysis. <i>Balkan Journal of Dental Medicine</i> , <b>2022</b> , 26, 93-99	0.4	
65	Long-term effect of implant-abutment connection type on marginal bone loss and survival of dental implants. <i>Journal of Periodontal and Implant Science</i> , 52,	2	1
64	The role of titanium surface micromorphology in MG-63 cell motility during osteogenesis. <i>Scientific Reports</i> , <b>2022</b> , 12,	4.9	
63	A two-phase and long-lasting multi-antibacterial coating enables titanium biomaterials to prevent implants-related infections. <i>Materials Today Bio</i> , <b>2022</b> , 15, 100330	9.9	2
62	Platelet-rich plasma alone is unable to trigger contact osteogenesis on titanium implant surfaces.  International Journal of Implant Dentistry, 2022, 8,	2.8	

61	Evaluation and comparison of vertical marginal fit of three different types of multiunit screw-retained framework fabricated for an implant-supported prosthesis [An in vitro study. 1.2 Journal of Indian Prosthodontic Society, The, 2022, 22, 240	
60	Alginate Substitute as a Promising Impression Material for Dental Implant Restorations: A Comparative In-vitro Study. 1-11	
59	Biomechanical compensations during a stand-to-sit maneuver using transfemoral osseointegrated prostheses: A case series. <i>Clinical Biomechanics</i> , <b>2022</b> , 98, 105715	0
58	PolymerMetal Composite Healthcare Materials: From Nano to Device Scale. <i>Journal of Composites Science</i> , <b>2022</b> , 6, 218	Ο
57	Topological Design Optimisation of Dental Implant. <b>2022</b> , 161-172	
56	Minimal invasiveness at dental implant placement: A systematic review with meta-analyses on flapless fully guided surgery.	Ο
55	Porous construction and surface modification of titanium-based materials for osteogenesis: A review. 10,	Ο
54	Design Strategies and Biomimetic Approaches for Calcium Phosphate Scaffolds in Bone Tissue Regeneration. <b>2022</b> , 7, 112	3
53	Antibiotic prophylaxis at the time of dental implant placement: a cost-effectiveness analysis. <b>2022</b> , 22,	1
52	Incorporate inorganic elements onto titanium-based implant surface by one-step plasma electrolytic oxidation: an efficient method to enhance osteogenesis.	Ο
51	miR-155-5p can be involved in acquisition of osseointegration on titanium surface.	О
50	Evidence-based selection of orthodontic miniscrews, increasing their success rate in the mandibular buccal shelf. A randomized, prospective clinical trial. <b>2022</b> , 22,	O
49	Fully Digital versus Conventional Workflows for Fabricating Posterior Three-Unit Implant-Supported Reconstructions: A Prospective Crossover Clinical Trial. <b>2022</b> , 19, 11456	3
48	Accuracy of the Different Materials Used to Fabricate a Verification Jig of Implant-Supported Fixed Complete Dental Prostheses: An In Vitro Study. <b>2022</b> ,	О
47	Antibacterial Properties of TiO<sub>2</sub> Layers Formed by Au-Sputtering and Thermal Oxidation of Titanium under Visible Light. <b>2022</b> ,	O
46	Influence of a Calcium Phosphate Coating (BONIT[]) on the Proliferation and Differentiation Potential of Human Mesenchymal Stroma Cells in the Early Phase of Bone Healing. <b>2022</b> , 13, 176	O
45	Comparison of the accuracy of impressions made of 2 implants with interfering axial convergence with CAD-CAM impression copings and the altered cast technique: An in vitro study. <b>2022</b> , 128, 745.e1-745.e <sup>-2</sup>	7 0
44	The worldwide patent landscape of dental implant technology. <b>2022</b> , 26,	2

43	Sinus floor elevation techniques- A review. <b>2022</b> , 8, 96-100	Ο
42	Degradation behavior and osseointegration of Mg-Zn-Ca screws in different bone regions of growing sheep pilot study.	1
41	Comparison of three-dimensional digital analyses and two-dimensional histomorphometric analyses of the bone-implant interface. <b>2022</b> , 17, e0276269	О
40	Functional tooth number in the posterior region associated serum ucOC levels. 2022, 8,	O
39	On computational predictions of fluid flow and its effects on bone healing in dental implant treatments: an investigation of spatiotemporal fluid flow in cyclic loading.	О
38	Self-adhesive Devices Made of Titanium for Biological Soft Tissue. <b>2022</b> , 61, 760-764	O
37	Bone marrow stromal cells are sensitive to discrete surface alterations in build and post-build modifications of bioinspired Ti6Al4V 3D -printed in vitro testing constructs.	О
36	Topography-mediated immunomodulation in osseointegration; Ally or Enemy. <b>2022</b> , 121903	6
35	Magnitude of misfit threshold in implant-supported restorations: A systematic review. 2022,	0
34	Accuracy of digital impressions for three-unit and four-unit implant supported fixed dental prostheses using a novel device. <b>2022</b> ,	O
33	In vitro scan accuracy and time efficiency in various implant-supported fixed partial denture situations. <b>2022</b> , 127, 104358	0
32	Soft-Tissue Modifications of Surgical Techniques for Placement and Uncovering of Osseointegrated Implants. <b>1989</b> , 33, 665-681	5
31	Evaluation of health screening data for factors associated with peri-implant bone loss. 52,	1
30	°mplant destekli mandibular overdenture protezlerin ya⊞m kalitesine olan etkisinin deଞrlendirilmesi: Pilot ಔ⊞na.	O
29	Clinical Effects of Photofunctionalization on Implant Stability and Marginal Bone Loss: Systematic Review and Meta-Analysis. <b>2022</b> , 11, 7042	0
28	Long-Term Follow-up of a Wide-Diameter Bone-Anchored Hearing Implant: 10-Year Experience on Stability, Survival, and Tolerability of an Implant-Abutment Combination. <b>2023</b> , 44, 40-46	O
27	The circadian clock component BMAL1 regulates osteogenesis in osseointegration. 10,	0
26	Nanotopographical cues for regulation of macrophages and osteoclasts: emerging opportunities for osseointegration. <b>2022</b> , 20,	2

25	Mini-dental implants: an overview. <b>2022</b> , 49, 889-893	0
24	Osseointegration of functionally-graded Ti6Al4V porous implants: Histology of the pore network.	О
23	CypD-mediated mitochondrial dysfunction contributes to titanium ion-induced MC3T3-E1 cell injury. <b>2023</b> , 644, 15-24	O
22	Full Mouth Rehabilitation of an Edentulous Patient with Fixed Full-arch Implant-supported Prostheses: A Case Report. <b>2022</b> , 26, 234-242	О
21	Cell-Molecular Interactions of Nano- and Microparticles in Dental Implantology. 2023, 24, 2267	О
20	A BRIEF HISTORY OF DENTAL IMPLANTS. <b>2023</b> , 27, 149-160	O
19	Integral Implant-Prosthodontic Considerations. 1989, 33, 793-819	3
18	The Use of a Custom Template for Immediate Loading with the Definitive Prosthesis: A Clinical Report. <b>2003</b> , 31, 925-929	О
17	Surgical and Prosthetic Concepts for Predictable Immediate Loading of Oral Implants. 2004, 32, 991-1001	1
16	Issues and Considerations in Dental Implant Occlusion: What Do We Know and What Do We Need to Find Out?. <b>2005</b> , 33, 329-336	O
15	Implants as Absolute Anchorage. <b>2005</b> , 33, 881-888	1
14	Titanium: The Ideal Dental Implant Material Choice. <b>2023</b> , 1-21	O
13	Assessment of gold with titanium alloy weldability in conditions of a dental technique laboratory. <b>2022</b> , 118, 36-41	0
12	Comparative Evaluation of the Crestal Bone Level Around Pre- and Post-loaded Immediate Endoosseous Implants Using Cone-Beam Computed Tomography: A Clinico-Radiographic Study. <b>2023</b> ,	O
11	When (and when not) to use the Dahl Concept. <b>2023</b> , 234, 155-164	О
10	Rehabilitation of a patient with mandibular flexure using contemporary glass-infiltrated high performance CAD-CAM polymers: A clinical report with 1-year follow-up. <b>2023</b> ,	1
9	Long-Term Stability of Hydrothermally Aged and/or Dynamically Loaded One-Piece Diameter Reduced Zirconia Oral Implants. <b>2023</b> , 14, 123	О
8	Macro to Micro: Surface Modification of Titanium Dental Implants. <b>2023</b> , 61-82	O

7	Peri-implant Bone Healing: Its Basic Osteogenesis and Biomarkers. <b>2022</b> , 18, 324-331	О
6	Barbed Dental Ti6Al4V Alloy Screw: Design and Bench Testing. <b>2023</b> , 16, 2228	O
5	All-on-41 and All-on-61 reatment concept applied using computer-guided surgery in a patient: Case report with a 2-year follow-up. <b>2023</b> , 11,	0
4	Evaluation of Marginal Fit and Flexural Strength of Screw-retained Casted One-piece Metal Framework Postsectioning and Welding: An In Vitro Study. <b>2023</b> , 14, 9-15	o
3	Accuracy of 3D printed scan bodies for dental implants using two additive manufacturing systems: An in vitro study. <b>2023</b> , 18, e0283305	O
2	Marginal Bone Loss Compared in Internal and External Implant Connections: Retrospective Clinical Study at 6-Years Follow-Up. <b>2023</b> , 11, 1128	0
1	Dental implants: what challenges and opportunities are there on our horizon?. 2023, 50, 433-435	0