

List of Publications by Citations

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

93 papers	1,525 citations	22 h-index	34 g-index
100 ext. papers	1,855 ext. citations	3.3 avg, IF	4.56 L-index

#	Paper	IF	Citations
93	Maxillary sinus augmentation with different biomaterials: a comparative histologic and histomorphometric study in man. <i>Implant Dentistry</i> , 2006 , 15, 197-207	2.4	182
92	Role of the microgap between implant and abutment: a retrospective histologic evaluation in monkeys. <i>Journal of Periodontology</i> , 2003 , 74, 346-52	4.6	147
91	Vertical ridge augmentation of the atrophic posterior mandible with sandwich technique: bone block from the chin area versus corticocancellous bone block allograft--clinical and histological prospective randomized controlled study. <i>BioMed Research International</i> , 2014 , 2014, 982104	3	74
90	Histologic results from a human implant retrieved due to fracture 5 years after insertion in a sinus augmented with anorganic bovine bone. <i>Journal of Periodontology</i> , 2008 , 79, 192-8	4.6	51
89	Early human bone response to laser metal sintering surface topography: a histologic report. <i>Journal of Oral Implantology</i> , 2010 , 36, 91-6	1.2	39
88	Maxillary sinus grafting with biphasic calcium phosphate ceramics: clinical and histologic evaluation in man. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 51-6	2.8	38
87	Biologic width changes around loaded implants inserted in different levels in relation to crestal bone: histometric evaluation in canine mandible. <i>Clinical Oral Implants Research</i> , 2008 , 19, 483-90	4.8	36
86	Comparative histological results of different biomaterials used in sinus augmentation procedures: a human study at 6 months. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1369-76	4.8	35
85	A Human Clinical, Histological, Histomorphometrical, and Radiographical Study on Biphasic HA-Beta-TCP 30/70 in Maxillary Sinus Augmentation. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 610-8	3.9	34
84	Influence of direct laser fabrication implant topography on type IV bone: a histomorphometric study in humans. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 607-14	5.4	34
83	Histomorphometric evaluation of bioceramic molecular impregnated and dual acid-etched implant surfaces in the human posterior maxilla. <i>Clinical Implant Dentistry and Related Research</i> , 2010 , 12, 281-8	3.9	33
82	Bone-to-implant contact around immediately loaded direct laser metal-forming transitional implants in human posterior maxilla. <i>Journal of Periodontology</i> , 2013 , 84, 732-7	4.6	29
81	Maxillary ridge augmentation with custom-made CAD/CAM scaffolds. A 1-year prospective study on 10 patients. <i>Journal of Oral Implantology</i> , 2014 , 40, 561-9	1.2	27
80	CAD-CAM-generated hydroxyapatite scaffold to replace the mandibular condyle in sheep: preliminary results. <i>Journal of Biomaterials Applications</i> , 2013 , 28, 207-18	2.9	26
79	Scanning electron microscopy (SEM) and X-ray dispersive spectrometry evaluation of direct laser metal sintering surface and human bone interface: a case series. <i>Lasers in Medical Science</i> , 2011 , 26, 133-8	3.1	26
78	Bone healing at bicortically installed implants with different surface configurations. An experimental study in rabbits. <i>Clinical Oral Implants Research</i> , 2015 , 26, 293-9	4.8	24
77	The effect of cigarette smoking on early osseointegration of dental implants: a prospective controlled study. <i>Clinical Oral Implants Research</i> , 2016 , 27, 1123-8	4.8	24

76	The Root Membrane Technique: Human Histologic Evidence after Five Years of Function. <i>BioMed Research International</i> , 2017 , 2017, 7269467	3	24
75	Custom-Made Computer-Aided-Design/Computer-Aided-Manufacturing Biphasic Calcium-Phosphate Scaffold for Augmentation of an Atrophic Mandibular Anterior Ridge. <i>Case Reports in Dentistry</i> , 2015 , 2015, 941265	0.6	23
74	Histological and Synchrotron Radiation-Based Computed Microtomography Study of 2 Human-Retrieved Direct Laser Metal Formed Titanium Implants. <i>Implant Dentistry</i> , 2013 , 22, 175-181	2.4	23
73	Vertical ridge augmentation of the atrophic posterior mandible with custom-made, computer-aided design/computer-aided manufacturing porous hydroxyapatite scaffolds. <i>Journal of Craniofacial Surgery</i> , 2013 , 24, 856-9	1.2	23
72	A Narrative Review of the Histological and Histomorphometrical Evaluation of the Peri-Implant Bone in Loaded and Unloaded Dental Implants. A 30-Year Experience (1988-2018). <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	22
71	Early Bone Response to Dual Acid-Etched and Machined Dental Implants Placed in the Posterior Maxilla: A Histologic and Histomorphometric Human Study. <i>Implant Dentistry</i> , 2017 , 26, 24-29	2.4	21
70	Biological width around one- and two-piece implants retrieved from human jaws. <i>BioMed Research International</i> , 2014 , 2014, 850120	3	21
69	Development of a new implant primary stability parameter: insertion torque revisited. <i>Clinical Implant Dentistry and Related Research</i> , 2013 , 15, 637-44	3.9	21
68	Cellular Midpalatal Suture Changes after Rapid Maxillary Expansion in Growing Subjects: A Case Report. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	18
67	Early bone formation around immediately loaded implants with nanostructured calcium-incorporated and machined surface: a randomized, controlled histologic and histomorphometric study in the human posterior maxilla. <i>Clinical Oral Investigations</i> , 2017 , 21, 2603-2611	4.2	17
66	An In Vitro Evaluation, on Polyurethane Foam Sheets, of the Insertion Torque (IT) Values, Pull-Out Torque Values, and Resonance Frequency Analysis (RFA) of NanoShort Dental Implants. <i>Polymers</i> , 2019 , 11,	4.5	17
65	Comparative Histological and Histomorphometric Results of Six Biomaterials Used in Two-Stage Maxillary Sinus Augmentation Model after 6-Month Healing. <i>BioMed Research International</i> , 2018 , 2018, 9430989	3	17
64	Material characterization and Streptococcus oralis adhesion on Polyetheretherketone (PEEK) and titanium surfaces used in implantology. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 84	4.5	16
63	Correlation between the bone density recorded by a computerized implant motor and by a histomorphometric analysis: a preliminary in vitro study on bovine ribs. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17 Suppl 1, e35-44	3.9	15
62	Immediate loading of modified acid etched dental implants in postextraction sockets: a histological and histomorphometrical comparative study in nonhuman primate Papio ursinus. <i>Implant Dentistry</i> , 2009 , 18, 142-50	2.4	15
61	Correlation between Implant Geometry, Bone Density, and the Insertion Torque/Depth Integral: A Study on Bovine Ribs. <i>Dentistry Journal</i> , 2019 , 7,	3.1	14
60	Histological and Histomorphometrical Evaluation of a New Implant Macrogeometry. A Sheep Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	14
59	A new device for improving dental implants anchorage: a histological and micro-computed tomography study in the rabbit. <i>Clinical Oral Implants Research</i> , 2016 , 27, 935-42	4.8	14

58	Periimplant Bone Response in Human-Retrieved, Clinically Stable, Successful, and Functioning Dental Implants After a Long-Term Loading Period: A Report of 17 Cases From 4 to 20 Years. <i>Implant Dentistry</i> , 2016 , 25, 380-6	2.4	14
57	Crestal bone reactions to immediate implants placed at different levels in relation to crestal bone. A pilot study in Foxhound dogs. <i>Clinical Oral Implants Research</i> , 2014 , 25, 344-351	4.8	14
56	Histological Evidence of the Osseointegration of Fractured Direct Metal Laser Sintering Implants Retrieved after 5 Years of Function. <i>BioMed Research International</i> , 2017 , 2017, 9732136	3	13
55	Histological and Histomorphometric Human Results of HA-Beta-TCP 30/70 Compared to Three Different Biomaterials in Maxillary Sinus Augmentation at 6 Months: A Preliminary Report. <i>BioMed Research International</i> , 2015 , 2015, 156850	3	13
54	Bone formation in sinus augmentation procedures using autologous bone, porcine bone, and a 50:50 mixture: a human clinical and histological evaluation at 24 months. <i>Clinical Oral Implants Research</i> , 2015 , 26, 1180-4	4.8	13
53	Influence of osteoporosis on the osteocyte density of human mandibular bone samples: a controlled histological human study. <i>Clinical Oral Implants Research</i> , 2016 , 27, 325-8	4.8	13
52	Histological and synchrotron radiation-based computed microtomography study of 2 human-retrieved direct laser metal formed titanium implants. <i>Implant Dentistry</i> , 2013 , 22, 175-81	2.4	12
51	Impact of Different Implant Surfaces Topographies on Peri-Implant Tissues: An Update of Current Available Data on Dental Implants Retrieved from Human Jaws. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 76-84	2.6	11
50	A site-specific intraoperative measurement of bone-to-implant contact during implant insertion: A study on bovine ribs using a computerized implant motor. <i>Journal of Dental Sciences</i> , 2015 , 10, 21-27	2.5	10
49	A histological study of non-ceramic hydroxyapatite as a bone graft substitute material in the vertical bone augmentation of the posterior mandible using an interpositional inlay technique: A split mouth evaluation. <i>Annals of Anatomy</i> , 2015 , 202, 1-7	2.9	10
48	Jawbone remodeling: a conceptual study based on Synchrotron High-resolution Tomography. <i>Scientific Reports</i> , 2020 , 10, 3777	4.9	10
47	Bisphosphonate-related osteonecrosis of the human jaw: A combined 3D assessment of bone descriptors by histology and synchrotron radiation-based microtomography. <i>Oral Oncology</i> , 2018 , 82, 200-202	4.4	10
46	A torque-measuring micromotor provides operator independent measurements marking four different density areas in maxillae. <i>Journal of Advanced Prosthodontics</i> , 2015 , 7, 51-5	2.2	10
45	Are . <i>Clinical Implant Dentistry and Related Research</i> , 2020 , 22, 552-566	3.9	10
44	Covalent Decoration of Cortical Membranes with Graphene Oxide as a Substrate for Dental Pulp Stem Cells. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
43	Evaluation of Peri-Implant Bone Response in Implants Retrieved for Fracture After More Than 20 Years of Loading: A Case Series. <i>Journal of Oral Implantology</i> , 2015 , 41, 414-8	1.2	9
42	Early Bone Formation around Immediately Loaded Transitional Implants Inserted in the Human Posterior Maxilla: The Effects of Fixture Design and Surface. <i>BioMed Research International</i> , 2017 , 2017, 4152506	3	9
41	Immunohistochemical Evaluation of Peri-Implant Soft Tissues around Machined and Direct Metal Laser Sintered (DMLS) Healing Abutments in Humans. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	9

40	The Bacterial Anti-Adhesive Activity of Double-Etched Titanium (DAE) as a Dental Implant Surface. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
39	Regenerative properties of collagenated porcine bone grafts in human maxilla: demonstrative study of the kinetics by synchrotron radiation microtomography and light microscopy. <i>Clinical Oral Investigations</i> , 2018 , 22, 505-513	4.2	8
38	Bone healing at implants with different surface configurations: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2016 , 27, 196-202	4.8	8
37	Influence of the Buccal Bone Crest Width on Peri-Implant Hard and Soft Tissues Dimensions: A Histomorphometric Study in Humans. <i>Implant Dentistry</i> , 2018 , 27, 415-423	2.4	7
36	Sinus augmentation and concomitant implant placement in low bone-density sites. A retrospective study on an undersized drilling protocol and primary stability. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 151-159	3.9	7
35	Bone Healing at Functionally Loaded and Unloaded Screw-Shaped Implants Supporting Single Crowns: A Histomorphometric Study in Humans. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018 , 33, 181-187	2.8	7
34	The effect of undersizing and tapping on bone to implant contact and implant primary stability: A histomorphometric study on bovine ribs. <i>Journal of Advanced Prosthodontics</i> , 2018 , 10, 227-235	2.2	6
33	Bone healing at non-submerged implants installed with different insertion torques: a split-mouth histomorphometric randomized controlled trial. <i>International Journal of Implant Dentistry</i> , 2019 , 5, 39	2.8	6
32	Implant Placement in Patients under Treatment with Rivaroxaban: A Retrospective Clinical Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
31	Influence of the Presence of Alveolar Mucosa at Implants: A Histological Study in Humans. <i>Implant Dentistry</i> , 2018 , 27, 193-201	2.4	5
30	Maxillary sinus augmentation with three different biomaterials: Histological, histomorphometric, clinical, and patient-reported outcomes from a randomized controlled trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021 , 23, 86-95	3.9	5
29	Effect of lateral static load on immediately restored implants: histologic and radiographic evaluation in dogs. <i>Clinical Oral Implants Research</i> , 2015 , 26, e51-e56	4.8	4
28	Aesthetic Surgical Crown Lengthening Procedure. <i>Case Reports in Dentistry</i> , 2015 , 2015, 437412	0.6	4
27	Bone-implant contact around crestal and subcrestal dental implants submitted to immediate and conventional loading. <i>Scientific World Journal, The</i> , 2014 , 2014, 606947	2.2	4
26	Single-tooth morse taper connection implant placed in grafted site of the anterior maxilla: clinical and radiographic evaluation. <i>Case Reports in Dentistry</i> , 2014 , 2014, 183872	0.6	4
25	Sinus Floor Elevation and Antrostomy Healing: A Histomorphometric Clinical Study in Humans. <i>Implant Dentistry</i> , 2019 , 28, 537-542	2.4	4
24	Peri-implant alveolar bone resorption in an innovative peri-implantitis murine model: Effect of implant surface and onset of infection. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21, 723-733	3.9	3
23	Three-dimensional microarchitecture and local mineralization of human jaws affected by bisphosphonate-related osteonecrosis. <i>Oral Oncology</i> , 2018 , 84, 128-130	4.4	3

22	Case Report: Histological and Histomorphometrical Results of a 3-D Printed Biphasic Calcium Phosphate Ceramic 7 Years After Insertion in a Human Maxillary Alveolar Ridge. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 614325	5.8	3
21	An in vitro evaluation on polyurethane foam sheets of the insertion torque, removal torque values, and resonance frequency analysis (RFA) of a self-tapping threads and round apex implant. <i>Frontiers in Forests and Global Change</i> , 2021 , 40, 20-30	1.6	3
20	Xeno-Hybrid Composite Scaffold Manufactured with CAD/CAM Technology for Horizontal Bone-Augmentation in Edentulous Atrophic Maxilla: A Short Communication. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2659	2.6	2
19	Influence of the Dimensions of the Antrostomy on Osseointegration of Mini-implants Placed in the Grafted Region After Sinus Floor Elevation: A Randomized Clinical Trial. <i>International Journal of Oral and Maxillofacial Implants</i> , 2020 , 35, 591-598	2.8	2
18	Split crest technique for implant treatment of agenesis of the upper lateral incisors: results of a randomized pilot histological and clinical study at 24-month follow-up. <i>Brazilian Oral Research</i> , 2020 , 34, e118	2.6	2
17	Comparative Evaluation of Primary Stability between Different Diameters Multi-Scale Roughness Dental Implant by Solid Rigid Polyurethane Simulation. <i>Osteology</i> , 2021 , 1, 62-72	3	2
16	The Symmetric 3D Organization of Connective Tissue around Implant Abutment: A Key-Issue to Prevent Bone Resorption. <i>Symmetry</i> , 2021 , 13, 1126	2.7	2
15	Soft tissue integration of different abutment surfaces: An experimental study with histological analysis. <i>Clinical Oral Implants Research</i> , 2021 , 32, 928-940	4.8	2
14	Effects of Complex Electromagnetic Fields on Candida albicans Adhesion and Proliferation on Polyacrylic Resin. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6786	2.6	2
13	Lateral static overload on immediately restored implants decreases the osteocyte index in peri-implant bone: a secondary analysis of a pre-clinical study in dogs. <i>Clinical Oral Investigations</i> , 2021 , 25, 3297-3303	4.2	2
12	Complex Electromagnetic Fields Reduce Planktonic Growth and Its Adhesion to Titanium Surfaces. <i>Biomedicines</i> , 2021 , 9,	4.8	2
11	Influence of Nano, Micro, and Macro Topography of Dental Implant Surfaces on Human Gingival Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	Photodynamic Antibiofilm and Antibacterial Activity of a New Gel with 5-Aminolevulinic Acid on Infected Titanium Surfaces.. <i>Biomedicines</i> , 2022 , 10,	4.8	2
9	Influence of the position of the antrostomy in sinus floor elevation on the healing of mini-implants: a randomized clinical trial. <i>Oral and Maxillofacial Surgery</i> , 2020 , 24, 299-308	1.6	1
8	The Influence of the Implant Macrogeometry on Insertion Torque, Removal Torque, and Periotest Implant Primary Stability: A Mechanical Simulation on High-Density Artificial Bone. <i>Symmetry</i> , 2021 , 13, 776	2.7	1
7	Histomorphometric and Clinical Analysis of Ridge Preservation Procedures in Extraction Sockets with Buccal Bone Defects (>5mm) Using an In Situ Hardening Biphasic Calcium Phosphate (HA/βTCP) Graft and a Bioresorbable Matrix: A Human Study at 6 Months. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3034	2.6	0
6	The Effect of Threads Geometry on Insertion Torque (IT) and Periotest Implant Primary Stability: A High-Density Polyurethane Simulation for the Anterior Mandible. <i>Crystals</i> , 2021 , 11, 308	2.3	0
5	Fixture Length and Primary Stability: An In Vitro Study on Polyurethane Foam. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2683	2.6	0

4	A Novel 3D Titanium Surface Produced by Selective Laser Sintering to Counteract Streptococcus oralis Biofilm Formation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11915	2.6	0
3	Osteo-regeneration personalized for children by rapid maxillary expansion: an imaging study based on synchrotron radiation microtomography. <i>BMC Oral Health</i> , 2018 , 18, 125	3.7	
2	MSCs and Biomaterials. <i>Pancreatic Islet Biology</i> , 2016 , 241-252	0.4	
1	Bacterial leakage in external hexagon implants with and without the interposition of a sealing-connector. <i>American Journal of Dentistry</i> , 2018 , 31, 234-238	1.3	