

Giovanna Iezzi

List of Publications by Year in descending order

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98
papers

2,173
citations

218592

26
h-index

276775

41
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100
all docs

100
docs citations

100
times ranked

2068
citing authors

#	ARTICLE	IF	CITATIONS
1	Maxillary Sinus Augmentation With Different Biomaterials: A Comparative Histologic and Histomorphometric Study in Man. <i>Implant Dentistry</i> , 2006, 15, 197-207.	1.7	210
2	Role of the Microgap Between Implant and Abutment: A Retrospective Histologic Evaluation in Monkeys. <i>Journal of Periodontology</i> , 2003, 74, 346-352.	1.7	173
3	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, 1-7.	0.9	87
4	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, 192-198.	1.7	54
5	Early Human Bone Response to Laser Metal Sintering Surface Topography: A Histologic Report. <i>Journal of Oral Implantology</i> , 2010, 36, 91-96.	0.4	52
6	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, 1369-1376.	1.9	50
7	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, 51-56.	0.6	48
8	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, 93A, 607-614.	2.1	46
9	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, 281-288.	1.6	46
10	A Human Clinical, Histological, Histomorphometrical, and Radiographical Study on Biphasic HA- β -TCP 30/70 in Maxillary Sinus Augmentation. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 610-618.	1.6	44
11	Bone-Implant Contact Around Immediately Loaded Direct Laser Metal-Forming Transitional Implants in Human Posterior Maxilla. <i>Journal of Periodontology</i> , 2013, 84, 732-737.	1.7	43
12	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, 561-569.	0.4	41
13	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.	1.7	39
14	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, 483-490.	1.9	36
15	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, 2088.	1.2	36
16	The effect of cigarette smoking on early osseointegration of dental implants: a prospective controlled study. <i>Clinical Oral Implants Research</i> , 2016, 27, 1123-1128.	1.9	35
17	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, 856-859.	0.3	34
18	The Root Membrane Technique: Human Histologic Evidence after Five Years of Function. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	34

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19	CADâ€“CAM-generated hydroxyapatite scaffold to replace the mandibular condyle in sheep: Preliminary results. <i>Journal of Biomaterials Applications</i> , 2013, 28, 207-218.	1.2	32
20	Development of a New Implant Primary Stability Parameter: Insertion Torque Revisited. <i>Clinical Implant Dentistry and Related Research</i> , 2013, 15, 637-644.	1.6	30
21	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, 133-138.	1.0	29
22	Biological Width around One- and Two-Piece Implants Retrieved from Human Jaws. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	29
23	Bone healing at bicortically installed implants with different surface configurations. An experimental study in rabbits. <i>Clinical Oral Implants Research</i> , 2015, 26, 293-299.	1.9	29
24	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.	1.7	28
25	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, 1-11.	0.2	28
26	Early Bone Response to Dual Acid-Etched and Machined Dental Implants Placed in the Posterior Maxilla. <i>Implant Dentistry</i> , 2017, 26, 24-29.	1.7	28
27	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, 1020.	2.0	28
28	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, 1-11.	0.9	26
29	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.	1.4	25
30	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, 1611.	1.2	25
31	Bone formation in sinus augmentation procedures using autologous bone, porcine bone, and a 50Â:Â50 mixture: a human clinical and histological evaluation at 2Âmonths. <i>Clinical Oral Implants Research</i> , 2015, 26, 1180-1184.	1.9	24
32	A new device for improving dental implants anchorage: a histological and microâ€“computed tomography study in the rabbit. <i>Clinical Oral Implants Research</i> , 2016, 27, 935-942.	1.9	23
33	Cellular Midpalatal Suture Changes after Rapid Maxillary Expansion in Growing Subjects: A Case Report. <i>International Journal of Molecular Sciences</i> , 2017, 18, 615.	1.8	23
34	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, 1-7.	0.9	23
35	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.	2.0	23
36	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, e35-44.	1.6	22

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37	Correlation between Implant Geometry, Bone Density, and the Insertion Torque/Depth Integral: A Study on Bovine Ribs. <i>Dentistry Journal</i> , 2019, 7, 25.	0.9	21
38	Histological and Histomorphometrical Evaluation of a New Implant Macrogeometry. A Sheep Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3477.	1.2	21
39	Jawbone remodeling: a conceptual study based on Synchrotron High-resolution Tomography. <i>Scientific Reports</i> , 2020, 10, 3777.	1.6	20
40	Covalent Decoration of Cortical Membranes with Graphene Oxide as a Substrate for Dental Pulp Stem Cells. <i>Nanomaterials</i> , 2019, 9, 604.	1.9	19
41	Are 7mm long implants in native bone as effective as longer implants in augmented bone for the rehabilitation of posterior atrophic jaws? A systematic review and meta-analysis. <i>Clinical Implant Dentistry and Related Research</i> , 2020, 22, 552-566.	1.6	19
42	Retracted: 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.	1.9	18
43	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, 1-7.	0.9	18
44	Periimplant Bone Response in Human-Retrieved, Clinically Stable, Successful, and Functioning Dental Implants After a Long-Term Loading Period. <i>Implant Dentistry</i> , 2016, 25, 380-386.	1.7	18
45	The Bacterial Anti-Adhesive Activity of Double-Etched Titanium (DAE) as a Dental Implant Surface. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8315.	1.8	16
46	Immediate Loading of Modified Acid Etched Dental Implants in Postextraction Sockets: A Histological and Histomorphometrical Comparative Study in Nonhuman Primate <i>Papio Ursinus</i> . <i>Implant Dentistry</i> , 2009, 18, 142-150.	1.7	15
47	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, 1-8.	0.9	15
48	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.	1.4	15
49	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.	0.6	15
50	Influence of Nano, Micro, and Macro Topography of Dental Implant Surfaces on Human Gingival Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9871.	1.8	15
51	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.	1.6	14
52	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.	1.6	14
53	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.	0.9	14
54	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.	1.0	13

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55	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, 325-328.	1.9	13
56	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, 414-418.	0.4	12
57	Implant Placement in Patients under Treatment with Rivaroxaban: A Retrospective Clinical Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4607.	1.2	12
58	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.	1.7	12
59	A torque-measuring micromotor provides operator independent measurements marking four different density areas in maxillae. <i>Journal of Advanced Prosthodontics</i> , 2015, 7, 51.	1.1	10
60	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.	1.2	10
61	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.	1.1	10
62	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.	0.8	10
63	Influence of the Buccal Bone Crest Width on Peri-Implant Hard and Soft Tissues Dimensions. <i>Implant Dentistry</i> , 2018, 27, 415-423.	1.7	10
64	Sinus Floor Elevation and Antrostomy Healing. <i>Implant Dentistry</i> , 2019, Publish Ahead of Print, 537-542.	1.7	10
65	Photodynamic Antibiofilm and Antibacterial Activity of a New Gel with 5-Aminolevulinic Acid on Infected Titanium Surfaces. <i>Biomedicines</i> , 2022, 10, 572.	1.4	10
66	Bone healing at implants with different surface configurations: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2016, 27, 196-202.	1.9	9
67	Soft tissue integration of different abutment surfaces: An experimental study with histological analysis. <i>Clinical Oral Implants Research</i> , 2021, 32, 928-940.	1.9	9
68	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.	1.1	9
69	Comparison between Single and Multi-LED Emitters for Photodynamic Therapy: An In Vitro Study on <i>Enterococcus faecalis</i> and Human Gingival Fibroblasts. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3048.	1.2	9
70	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.	0.6	8
71	An In Vitro Analysis on Polyurethane Foam Blocks of the Insertion Torque (IT) Values, Removal Torque Values (RTVs), and Resonance Frequency Analysis (RFA) Values in Tapered and Cylindrical Implants. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9238.	1.2	8
72	Complex Electromagnetic Fields Reduce <i>Candida albicans</i> Planktonic Growth and Its Adhesion to Titanium Surfaces. <i>Biomedicines</i> , 2021, 9, 1261.	1.4	8

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73	Bone-Implant Contact around Crestal and Subcrestal Dental Implants Submitted to Immediate and Conventional Loading. <i>Scientific World Journal, The</i> , 2014, 2014, 1-5.	0.8	7
74	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.	1.9	7
75	Aesthetic Surgical Crown Lengthening Procedure. <i>Case Reports in Dentistry</i> , 2015, 2015, 1-4.	0.2	7
76	Influence of the Presence of Alveolar Mucosa at Implants. <i>Implant Dentistry</i> , 2018, 27, 193-201.	1.7	7
77	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.	1.6	7
78	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.	0.6	7
79	Effects of Complex Electromagnetic Fields on <i>Candida albicans</i> Adhesion and Proliferation on Polyacrylic Resin. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6786.	1.3	7
80	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, 1-11.	0.2	6
81	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.	1.4	6
82	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.	0.6	6
83	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.	1.1	6
84	The Symmetric 3D Organization of Connective Tissue around Implant Abutment: A Key-Issue to Prevent Bone Resorption. <i>Symmetry</i> , 2021, 13, 1126.	1.1	6
85	Osseointegration at Implants Installed in Composite Bone: A Randomized Clinical Trial on Sinus Floor Elevation. <i>Journal of Functional Biomaterials</i> , 2022, 13, 22.	1.8	5
86	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.	1.3	4
87	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.	0.6	4
88	Influence on Implant Bone Healing of a Collagen Membrane Placed Subjacent the Sinus Mucosa—A Randomized Clinical Trial on Sinus Floor Elevation. <i>Dentistry Journal</i> , 2022, 10, 105.	0.9	4
89	Three-dimensional microarchitecture and local mineralization of human jaws affected by bisphosphonate-related osteonecrosis. <i>Oral Oncology</i> , 2018, 84, 128-130.	0.8	3
90	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.	1.0	3

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91	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/β-TCP) Graft and a Bioresorbable Matrix: A Human Study at 6 Months. Applied Sciences (Switzerland), 2020, 10, 3034.	1.3	3
92	Comparative Evaluation of Primary Stability between Different Diameters Multi-Scale Roughness Dental Implant by Solid Rigid Polyurethane Simulation. Osteology, 2021, 1, 62-72.	0.3	2
93	A Novel 3D Titanium Surface Produced by Selective Laser Sintering to Counteract Streptococcus oralis Biofilm Formation. Applied Sciences (Switzerland), 2021, 11, 11915.	1.3	2
94	Biphasic Calcium Phosphate Biomaterials: Stem Cell-Derived Osteoinduction or In Vivo Osteoconduction? Novel Insights in Maxillary Sinus Augmentation by Advanced Imaging. Materials, 2021, 14, 2159.	1.3	1
95	Fixture Length and Primary Stability: An In Vitro Study on Polyurethane Foam. Applied Sciences (Switzerland), 2022, 12, 2683.	1.3	1
96	MSCs and Biomaterials. Pancreatic Islet Biology, 2016, , 241-252.	0.1	0
97	Osteo-regeneration personalized for children by rapid maxillary expansion: an imaging study based on synchrotron radiation microtomography. BMC Oral Health, 2018, 18, 125.	0.8	0
98	Bacterial leakage in external hexagon implants with and without the interposition of a sealing-connector. American Journal of Dentistry, 2018, 31, 234-238.	0.1	0