Tonino Traini

List of Publications by Year in descending order

98 papers	3,062 citations	172207 29 h-index	182168 51 g-index
100 all docs	100 docs citations	100 times ranked	3889 citing authors

#	Article	IF	Citations
1	Direct laser metal sintering as a new approach to fabrication of an isoelastic functionally graded material for manufacture of porous titanium dental implants. Dental Materials, 2008, 24, 1525-1533.	1.6	357
2	Three-dimensional printed PLA scaffold and human gingival stem cell-derived extracellular vesicles: a new tool for bone defect repair. Stem Cell Research and Therapy, 2018, 9, 104.	2.4	196
3	A Histologic and Histomorphometric Evaluation of Anorganic Bovine Bone Retrieved 9 Years After a Sinus Augmentation Procedure. Journal of Periodontology, 2007, 78, 955-961.	1.7	136
4	Scaffold's surface geometry significantly affects human stem cell bone tissue engineering. Journal of Cellular Physiology, 2008, 214, 166-172.	2.0	134
5	Morphological and Cytofluorimetric Analysis of Adult Mesenchymal Stem Cells Expanded Ex Vivo from Periodontal Ligament. International Journal of Immunopathology and Pharmacology, 2005, 18, 213-221.	1.0	133
6	Maxillary sinus augmentation with Bio-OssÂ® particles: A light, scanning, and transmission electron microscopy study in man. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 74B, 448-457.	1.6	108
7	Fracture resistance of implant-supported screw- versus cement-retained porcelain fused to metal single crowns: SEM fractographic analysis. Dental Materials, 2007, 23, 296-301.	1.6	98
8	The zirconia-reinforced lithium silicate ceramic: lights and shadows of a new material. Dental Materials Journal, 2016, 35, 748-755.	0.8	64
9	Peri-Implant Bone Organization Under Immediate Loading State. Circularly Polarized Light Analyses: A Minipig Study. Journal of Periodontology, 2006, 77, 152-160.	1.7	61
10	Friction of conventional and self-ligating brackets using a 10 bracket model. Angle Orthodontist, 2005, 75, 1041-5.	1.1	60
11	Histologic and Elemental Microanalytical Study of Anorganic Bovine Bone Substitution Following Sinus Floor Augmentation in Humans. Journal of Periodontology, 2008, 79, 1232-1240.	1.7	54
12	Stereo imaging and cytocompatibility of a model dental implant surface formed by direct laser fabrication. Journal of Biomedical Materials Research - Part A, 2009, 88A, 823-831.	2.1	52
13	New bone formation after transcrestal sinus floor elevation was influenced by sinus cavity dimensions: A prospective histologic and histomorphometric study. Clinical Oral Implants Research, 2018, 29, 465-479.	1.9	52
14	Dynamic colonizationof Helicobacter pyloriin human gastric mucosa. Scandinavian Journal of Gastroenterology, 2008, 43, 178-185.	0.6	51
15	Quantitative evaluation of the fibrin clot extension on different implant surfaces: Anin vitro study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 74B, 636-642.	1.6	50
16	A new one-step dental flowable composite for orthodontic use: an in vitro bond strength study. Angle Orthodontist, 2005, 75, 672-7.	1.1	50
17	A 3 years retrospective study of survival for zirconia-based single crowns fabricated from intraoral digital impressions. Journal of Dentistry, 2014, 42, 1151-1155.	1.7	49
18	Human periodontal ligament stem cells cultured onto cortico-cancellous scaffold drive bone regenerative process. , 2016, 32, 181-201.		48

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19	Porphyromonas gingivalis biofilm formation in different titanium surfaces, an inÂvitro study. Clinical Oral Implants Research, 2016, 27, 918-925.	1.9	45
20	Characterization of anHelicobacter pylorienvironmental strain. Journal of Applied Microbiology, 2008, 105, 761-769.	1.4	43
21	Shear bond strength, bond failure, and scanning electron microscopy analysis of a new flowable composite for orthodontic use. Angle Orthodontist, 2005, 75, 410-5.	1.1	43
22	Three-Dimensional Architecture and Mechanical Properties of Bovine Bone Mixed with Autologous Platelet Liquid, Blood, or Physiological Water: An In Vitro Study. International Journal of Molecular Sciences, 2018, 19, 1230.	1.8	40
23	Biologic Width and Morphologic Characteristics of Soft Tissues Around Immediately Loaded Implants: Studies Performed on Human Autopsy Specimens. Journal of Periodontology, 2010, 81, 70-78.	1.7	37
24	Fracture toughness and hardness of a Y-TZP dental ceramic after mechanical surface treatments. Clinical Oral Investigations, 2014, 18, 707-714.	1.4	36
25	Histomorphic-Metric Evaluation of an Immediately Loaded Implant Retrieved from Human Mandible after 2 Years. International Journal of Immunopathology and Pharmacology, 2011, 24, 31-36.	1.0	33
26	Histologic and histomorphometric results of three bone graft substitutes after sinus augmentation in humans. Clinical Oral Investigations, 2012, 16, 45-53.	1.4	33
27	Regeneration of Human Bone Using Different Bone Substitute Biomaterials. Clinical Implant Dentistry and Related Research, 2015, 17, 150-162.	1.6	33
28	Functional assay, expression of growth factors and proteins modulating bone-arrangement in human osteoblasts seeded on an anorganic bovine bone biomaterial. , 2010, 20, 72-83.		33
29	Collagen fiber orientation near dental implants in human bone: Do their organization reflect differences in loading?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 74B, 538-546.	1.6	32
30	Correlation between Initial <scp>BIC</scp> and the Insertion Torque/Depth Integral Recorded with an Instantaneous Torqueâ€Measuring Implant Motor: An in vivo Study. Clinical Implant Dentistry and Related Research, 2015, 17, e613-20.	1.6	31
31	A Macro- and Nanostructure Evaluation of a Novel Dental Implant. Implant Dentistry, 2008, 17, 309-320.	1.7	30
32	Sinus Membrane Elevation with Heterologous Cortical Lamina: A Randomized Study of a New Surgical Technique for Maxillary Sinus Floor Augmentation without Bone Graft. Materials, 2018, 11, 1457.	1.3	28
33	Collagen Fiber Orientation in Human Peri-Implant Bone Around Immediately Loaded and Unloaded Titanium Dental Implants. Journal of Periodontology, 2005, 76, 83-89.	1.7	27
34	Collagen Fiber Orientation Near a Fractured Dental Implant After a 5-Year Loading Period: Case Report. Implant Dentistry, 2006, 15, 70-76.	1.7	27
35	Comparative evaluation of the peri-implant bone tissue mineral density around unloaded titanium dental implants. Journal of Dentistry, 2007, 35, 84-92.	1.7	27
36	Surfactant Hydrogels for the Dispersion of Carbonâ€Nanotubeâ€Based Catalysts. Chemistry - A European Journal, 2013, 19, 16415-16423.	1.7	27

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37	Influence of Maxillary Sinus Width on New Bone Formation After Transcrestal Sinus Floor Elevation. Implant Dentistry, 2017, 26, 209-216.	1.7	27
38	Peri-Implant Bone Resorption during Healing Abutment Placement: The Effect of a 0.20<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mtext mathvariant="bold">%</mml:mtext></mml:mrow></mml:math> Chlorhexidine Gel vs. Placeboâ€"A Randomized Double Blind Controlled Human Study. BioMed Research International, 2018, 2018, 1-13.	0.9	27
39	Biofilm formation and modulation of luxS and rpoD expression by Helicobacter pylori. Biofilms, 2005, 2, 119-127.	0.6	26
40	Porphyromonas Gingivalis Load is Balanced by 0.20% Chlorhexidine Gel. A Randomized, Double-Blind, Controlled, Microbiological and Immunohistochemical Human Study. Journal of Clinical Medicine, 2020, 9, 284.	1.0	26
41	Bone microvascular pattern around loaded dental implants in a canine model. Clinical Oral Investigations, 2006, 10, 151-156.	1.4	24
42	Effects of 10-MDP Based Primer on Shear Bond Strength between Zirconia and New Experimental Resin Cement. Materials, 2020, 13, 235.	1.3	24
43	Histologic and Histomorphometric Comparison between Sintered Nanohydroxyapatite and Anorganic Bovine Xenograft in Maxillary Sinus Grafting: A Split-Mouth Randomized Controlled Clinical Trial. BioMed Research International, 2017, 2017, 1-10.	0.9	23
44	The Antibiofilm Effect of a Medical Device Containing TIAB on Microorganisms Associated with Surgical Site Infection. Molecules, 2019, 24, 2280.	1.7	23
45	Graphene Oxide affects Staphylococcus aureus and Pseudomonas aeruginosa dual species biofilm in Lubbock Chronic Wound Biofilm model. Scientific Reports, 2020, 10, 18525.	1.6	23
46	Periâ€Implant Bone Organization under Immediate Loading Conditions: Collagen Fiber Orientation and Mineral Density Analyses in the Minipig Model. Clinical Implant Dentistry and Related Research, 2009, 11, 41-51.	1.6	22
47	Scanning Electron Microscopy Fractography Analysis of Fractured Hollow Implants. Journal of Oral Implantology, 2010, 36, 105-111.	0.4	22
48	Multimodalâ€3D imaging based on Î¼MRI and Î¼CT techniques bridges the gap with histology in visualization of the bone regeneration process. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 750-761.	1.3	22
49	The Surface Anodization of Titanium Dental Implants Improves Blood Clot Formation Followed by Osseointegration. Coatings, 2018, 8, 252.	1.2	20
50	Bone Microstructure Evaluation near Unloaded Dental Implants Combining Confocal Scanning Laser Microscopy, Circularly Polarized Light Microscopy, and Sem Backscattered Electrons Imaging. International Journal of Immunopathology and Pharmacology, 2007, 20, 37-41.	1.0	19
51	Lithium disilicate and zirconia reinforced lithium silicate glass-ceramics for CAD/CAM dental restorations: biocompatibility, mechanical and microstructural properties after crystallization. Journal of Dentistry, 2022, 119, 104054.	1.7	17
52	Preferred Collagen Fiber Orientation in Human Peri-implant Bone After a Short- and Long-term Loading Period: A Case Report. Journal of Oral Implantology, 2006, 32, 177-181.	0.4	16
53	Fracture Strength of Zirconia and Alumina Ceramic Crowns Supported by Implants. Journal of Oral Implantology, 2015, 41, 352-359.	0.4	16
54	Influence of Dentine Pre-Treatment by Sandblasting with Aluminum Oxide in Adhesive Restorations. An In Vitro Study. Materials, 2020, 13, 3026.	1.3	15

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55	Fracture Resistance of Zirconia-Reinforced Lithium Silicate Ceramic Crowns Cemented with Conventional or Adhesive Systems: An In Vitro Study. Materials, 2020, 13, 2012.	1.3	15
56	The relationship between interimplant distances and vascularization of the interimplant bone. Clinical Oral Implants Research, 2010, 21, 822-829.	1.9	14
57	Candidaspecies isolated from different body sites and their antifungal susceptibility pattern: Cross-analysis ofCandida albicansandCandida glabratabiofilms. Medical Mycology, 2016, 55, myw126.	0.3	14
58	Adhesion of human gingival fibroblasts/Streptococcus mitis co-culture on the nanocomposite system Chitlac-nAg. Journal of Materials Science: Materials in Medicine, 2016, 27, 88.	1.7	14
59	Comparison of a Novel Ultrasonic Scaler Tip vs. Conventional Design on a Titanium Surface. Materials, 2018, 11, 2345.	1.3	14
60	SEM Analysis of Enamel Abrasion after Air Polishing Treatment with Erythritol, Glycine and Sodium Bicarbonate. Coatings, 2019, 9, 549.	1.2	14
61	Copper-zinc superoxide dismutase activity in healthy and inflamed human dental pulp. International Endodontic Journal, 2005, 38, 195-199.	2.3	13
62	Morphostructural Analysis of Human Follicular Stem Cells on Highly Porous Bone Hydroxyapatite Scaffold. International Journal of Immunopathology and Pharmacology, 2007, 20, 819-826.	1.0	12
63	Influence of Interimplant Distance on Bone Microstructure: A Histomorphometric Study in Dogs. Clinical Implant Dentistry and Related Research, 2008, 10, 1-10.	1.6	11
64	Avoidance of Interaction between Impression Materials and Tooth Surface Treated for Immediate Dentin Sealing: An In Vitro Study. Materials, 2019, 12, 3454.	1.3	11
65	Customized-3D zirconia barriers for guided bone regeneration (GBR): clinical and histological findings from a proof-of-concept case series. Journal of Dentistry, 2021, 114, 103780.	1.7	11
66	Sem and Fractography Analysis of Screw Thread Loosening in Dental Implants. International Journal of Immunopathology and Pharmacology, 2007, 20, 19-22.	1.0	10
67	Fibrin Clot Extension on Zirconia Surface for Dental Implants: A Quantitative In Vitro Study. Clinical Implant Dentistry and Related Research, 2014, 16, 718-727.	1.6	10
68	Evaluation of Fibrin Clot Attachment on Titanium Laser-Conditioned Surface Using Scanning Electron Microscopy. Journal of Craniofacial Surgery, 2018, 29, 2277-2281.	0.3	10
69	Gingival Response to Dental Implant: Comparison Study on the Effects of New Nanopored Laser-Treated vs. Traditional Healing Abutments. International Journal of Molecular Sciences, 2020, 21, 6056.	1.8	10
70	Bone Contact Around Osseointegrated Implants: A Histologic Study of Acid-Etched and Machined Surfaces. Journal of Long-Term Effects of Medical Implants, 2006, 16, 131-144.	0.2	10
71	Bone regeneration in sinus augmentation procedures with calcium sulphate. Microstructure and microanaytical investigations. Australian Dental Journal, 2012, 57, 200-206.	0.6	9
72	Respecting nasal mucosa during turbinate surgery: end of the dogma?. Rhinology, 2013, 51, 368-375.	0.7	9

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73	Changes in Matrix Extracellular Phosphoglycoprotein Expression before and during in Vitro Osteogenic Differentiation of Human Dental Papilla Mesenchymal Cells. International Journal of Immunopathology and Pharmacology, 2008, 21, 309-318.	1.0	8
74	Healing properties of implants inserted concomitantly with anorganic bovine bone. A histomorphometric human study. Australian Dental Journal, 2013, 58, 57-66.	0.6	8
75	Human bone reactions around implants with adverse interfacial bone strain over 20 years. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1342-1352.	1.6	8
76	Esthetic outcome of an immediately placed maxillary anterior single-tooth implant restored with a custom-made zirconia-ceramic abutment and crown: a staged treatment. Quintessence International, 2011, 42, 103-8.	0.3	8
77	In Vitro Evaluation of Thermomechanic Coupling in Conical Implant-to-Abutment Joint. Implant Dentistry, 2007, 16, 379-386.	1.7	6
78	A 4 Year Human, Randomized, Radiographic Study of Scalloped versus Non-Scalloped Cemented Implants. Materials, 2020, 13, 2190.	1.3	6
79	Penetration of Different Impression Materials into Exposed Dentinal Tubules during the Impression Procedure. Materials, 2020, 13, 1321.	1.3	6
80	Collagen Fibres Orientation in the Bone Matrix around Dental Implants: Does the Implantâ€™s Thread Design Play a Role?. International Journal of Molecular Sciences, 2021, 22, 7860.	1.8	6
81	Provisional gold-resin restoration executed through an indirect-direct procedure: A clinical report. Journal of Prosthetic Dentistry, 2000, 84, 125-128.	1.1	5
82	A Human Clinical and Histomorphometrical Study on Different Resorbable and Non-Resorbable Bone Substitutes Used in Post-Extractive Sites. Preliminary Results. Materials, 2019, 12, 2408.	1.3	5
83	Histomorphic-Metric Evaluation of an Implant Retrieved from Human Maxilla after 13 Years. International Journal of Immunopathology and Pharmacology, 2011, 24, 25-30.	1.0	4
84	Effect of Nanoscale Topography of Titanium Implants on Bone Vessel Network, Osteocytes, and Mineral Densities. Journal of Periodontology, 2013, 84, e40-e47.	1.7	4
85	Human Histologic Analysis of an Immediately Loaded Single-Tooth Mandibular First Molar Implant. International Journal of Periodontics and Restorative Dentistry, 2015, 35, 499-505.	0.4	4
86	Impact of Second Stage Surgery on Bone Remodeling Around New Hybrid Titanium Implants. Implant Dentistry, 2017, 26, 121-128.	1.7	4
87	Implant Periapical Lesion: Clinical and Histological Analysis of Two Case Reports Carried Out with Two Different Approaches. Bioengineering, 2022, 9, 145.	1.6	4
88	Accuracy of DICOMâ€“DICOM vs. DICOMâ€“STL Protocols in Computer-Guided Surgery: A Human Clinical Study. Journal of Clinical Medicine, 2022, 11, 2336.	1.0	4
89	Adherence of investment to Auâ€“Pdâ€“Ag alloy using a vacuumâ€“argon pressure casting machine. Dental Materials, 2003, 19, 732-738.	1.6	3
90	Water-Airborne-Particle Abrasion as a Pre-Treatment to Improve Bioadhesion and Bond Strength of Glassâ€“Ceramic Restorations: From In Vitro Study to 15-Year Survival Rate. Materials, 2021, 14, 4966.	1.3	3

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91	Microstruttura e funzione del tessuto osseo. Parte I: meccanismi di adattamento. Italian Oral Surgery, 2012, 11, 80-95.	0.2	1
92	Periodontal Healing of a Human Intrabony Defect Treated by Autogenous Periosteal Barrier Membrane and Bone Graft: A Clinical and Histologic Case Report. Clinical Advances in Periodontics, 2012, 2, 162-170.	0.4	1
93	Graftless Maxillary Sinus Floor Augmentation with Simultaneous Porcine Bone Layer Insertion: A 1- to 5-Year Follow-up Study. International Journal of Oral and Maxillofacial Implants, 2020, 35, 808-815.	0.6	1
94	Biomimetic implant restoration made of human enamel and CAD/CAM block: a short report. Quintessence International, 2019, 50, 330-333.	0.3	1
95	Role of the Friction Free Distalize Appliance (2FDA)Pat in the Molar Distalization: Photoelastic Analysis and Alkaline-Phosphatase (ALP) Activity on First Molar and Bicuspid. International Journal of Immunopathology and Pharmacology, 2007, 20, 61-67.	1.0	0
96	Microstruttura e funzione del tessuto osseo. Parte II: carico immediato e biomateriali. Italian Oral Surgery, 2012, 11, 116-131.	0.2	0
97	SEM-EDX Analysis of a Submandibular Gland Salivary Calculus: A Case Report. Surgical Case Reports, 2021, , 1-6.	0.0	0
98	Advances in Dental Materials â€œat a Glance.â€• Materials, 2021, 14, 1750.	1.3	0