

# Tonino Traini

## List of Publications by Year in descending order

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98  
papers

3,062  
citations

172207

29  
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182168

51  
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100  
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100  
docs citations

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times ranked

3889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium disilicate and zirconia reinforced lithium silicate glass-ceramics for CAD/CAM dental restorations: biocompatibility, mechanical and microstructural properties after crystallization. <i>Journal of Dentistry</i> , 2022, 119, 104054.	1.7	17
2	Implant Periapical Lesion: Clinical and Histological Analysis of Two Case Reports Carried Out with Two Different Approaches. <i>Bioengineering</i> , 2022, 9, 145.	1.6	4
3	Accuracy of DICOM vs. DICOM STL Protocols in Computer-Guided Surgery: A Human Clinical Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2336.	1.0	4
4	SEM-EDX Analysis of a Submandibular Gland Salivary Calculus: A Case Report. <i>Surgical Case Reports</i> , 2021, , 1-6.	0.0	0
5	Advances in Dental Materials –at a Glance. <i>Materials</i> , 2021, 14, 1750.	1.3	0
6	Collagen Fibres Orientation in the Bone Matrix around Dental Implants: Does the Implant's Thread Design Play a Role?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7860.	1.8	6
7	Water-Airborne-Particle Abrasion as a Pre-Treatment to Improve Bioadhesion and Bond Strength of Glass Ceramic Restorations: From In Vitro Study to 15-Year Survival Rate. <i>Materials</i> , 2021, 14, 4966.	1.3	3
8	Customized-3D zirconia barriers for guided bone regeneration (GBR): clinical and histological findings from a proof-of-concept case series. <i>Journal of Dentistry</i> , 2021, 114, 103780.	1.7	11
9	Influence of Dentine Pre-Treatment by Sandblasting with Aluminum Oxide in Adhesive Restorations. An In Vitro Study. <i>Materials</i> , 2020, 13, 3026.	1.3	15
10	Graftless Maxillary Sinus Floor Augmentation with Simultaneous Porcine Bone Layer Insertion: A 1- to 5-Year Follow-up Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2020, 35, 808-815.	0.6	1
11	Graphene Oxide affects <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> dual species biofilm in Lubbock Chronic Wound Biofilm model. <i>Scientific Reports</i> , 2020, 10, 18525.	1.6	23
12	Gingival Response to Dental Implant: Comparison Study on the Effects of New Nanopored Laser-Treated vs. Traditional Healing Abutments. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6056.	1.8	10
13	A 4 Year Human, Randomized, Radiographic Study of Scalloped versus Non-Scalloped Cemented Implants. <i>Materials</i> , 2020, 13, 2190.	1.3	6
14	Penetration of Different Impression Materials into Exposed Dentinal Tubules during the Impression Procedure. <i>Materials</i> , 2020, 13, 1321.	1.3	6
15	<i>Porphyromonas gingivalis</i> Load is Balanced by 0.20% Chlorhexidine Gel. A Randomized, Double-Blind, Controlled, Microbiological and Immunohistochemical Human Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 284.	1.0	26
16	Effects of 10-MDP Based Primer on Shear Bond Strength between Zirconia and New Experimental Resin Cement. <i>Materials</i> , 2020, 13, 235.	1.3	24
17	Fracture Resistance of Zirconia-Reinforced Lithium Silicate Ceramic Crowns Cemented with Conventional or Adhesive Systems: An In Vitro Study. <i>Materials</i> , 2020, 13, 2012.	1.3	15
18	A Human Clinical and Histomorphometrical Study on Different Resorbable and Non-Resorbable Bone Substitutes Used in Post-Extractive Sites. Preliminary Results. <i>Materials</i> , 2019, 12, 2408.	1.3	5

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19	SEM Analysis of Enamel Abrasion after Air Polishing Treatment with Erythritol, Glycine and Sodium Bicarbonate. <i>Coatings</i> , 2019, 9, 549.	1.2	14
20	The Antibiofilm Effect of a Medical Device Containing TIAB on Microorganisms Associated with Surgical Site Infection. <i>Molecules</i> , 2019, 24, 2280.	1.7	23
21	Avoidance of Interaction between Impression Materials and Tooth Surface Treated for Immediate Dentin Sealing: An In Vitro Study. <i>Materials</i> , 2019, 12, 3454.	1.3	11
22	Biomimetic implant restoration made of human enamel and CAD/CAM block: a short report. <i>Quintessence International</i> , 2019, 50, 330-333.	0.3	1
23	Three-dimensional printed PLA scaffold and human gingival stem cell-derived extracellular vesicles: a new tool for bone defect repair. <i>Stem Cell Research and Therapy</i> , 2018, 9, 104.	2.4	196
24	Evaluation of Fibrin Clot Attachment on Titanium Laser-Conditioned Surface Using Scanning Electron Microscopy. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 2277-2281.	0.3	10
25	New bone formation after transcresal sinus floor elevation was influenced by sinus cavity dimensions: A prospective histologic and histomorphometric study. <i>Clinical Oral Implants Research</i> , 2018, 29, 465-479.	1.9	52
26	Multimodal 3D imaging based on MRI and CT techniques bridges the gap with histology in visualization of the bone regeneration process. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 750-761.	1.3	22
27	Peri-Implant Bone Resorption during Healing Abutment Placement: The Effect of a 0.20% Chlorhexidine Gel vs. Placebo? A Randomized Double Blind Controlled Human Study. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	27
28	Comparison of a Novel Ultrasonic Scaler Tip vs. Conventional Design on a Titanium Surface. <i>Materials</i> , 2018, 11, 2345.	1.3	14
29	The Surface Anodization of Titanium Dental Implants Improves Blood Clot Formation Followed by Osseointegration. <i>Coatings</i> , 2018, 8, 252.	1.2	20
30	Three-Dimensional Architecture and Mechanical Properties of Bovine Bone Mixed with Autologous Platelet Liquid, Blood, or Physiological Water: An In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1230.	1.8	40
31	Sinus Membrane Elevation with Heterologous Cortical Lamina: A Randomized Study of a New Surgical Technique for Maxillary Sinus Floor Augmentation without Bone Graft. <i>Materials</i> , 2018, 11, 1457.	1.3	28
32	Influence of Maxillary Sinus Width on New Bone Formation After Transcresal Sinus Floor Elevation. <i>Implant Dentistry</i> , 2017, 26, 209-216.	1.7	27
33	Impact of Second Stage Surgery on Bone Remodeling Around New Hybrid Titanium Implants. <i>Implant Dentistry</i> , 2017, 26, 121-128.	1.7	4
34	Histologic and Histomorphometric Comparison between Sintered Nanohydroxyapatite and Anorganic Bovine Xenograft in Maxillary Sinus Grafting: A Split-Mouth Randomized Controlled Clinical Trial. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	23
35	Candida species isolated from different body sites and their antifungal susceptibility pattern: Cross-analysis of <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms. <i>Medical Mycology</i> , 2016, 55, myw126.	0.3	14
36	Adhesion of human gingival fibroblasts/ <i>Streptococcus mitis</i> co-culture on the nanocomposite system Chitlac-nAg. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 88.	1.7	14

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37	The zirconia-reinforced lithium silicate ceramic: lights and shadows of a new material. Dental Materials Journal, 2016, 35, 748-755.	0.8	64
38	<i>Porphyrromonas gingivalis</i> biofilm formation in different titanium surfaces, an <i>in vitro</i> study. Clinical Oral Implants Research, 2016, 27, 918-925.	1.9	45
39	Human periodontal ligament stem cells cultured onto cortico-cancellous scaffold drive bone regenerative process. , 2016, 32, 181-201.		48
40	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
41	Regeneration of Human Bone Using Different Bone Substitute Biomaterials. Clinical Implant Dentistry and Related Research, 2015, 17, 150-162.	1.6	33
42	Correlation between Initial <i>BIC</i> and the Insertion Torque/Depth Integral Recorded with an Instantaneous Torque Measuring Implant Motor: An in vivo Study. Clinical Implant Dentistry and Related Research, 2015, 17, e613-20.	1.6	31
43	Fracture Strength of Zirconia and Alumina Ceramic Crowns Supported by Implants. Journal of Oral Implantology, 2015, 41, 352-359.	0.4	16
44	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
45	Fracture toughness and hardness of a Y-TZP dental ceramic after mechanical surface treatments. Clinical Oral Investigations, 2014, 18, 707-714.	1.4	36
46	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
47	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
48	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
49	Healing properties of implants inserted concomitantly with anorganic bovine bone. A histomorphometric human study. Australian Dental Journal, 2013, 58, 57-66.	0.6	8
50	Surfactant Hydrogels for the Dispersion of Carbon Nanotube Based Catalysts. Chemistry - A European Journal, 2013, 19, 16415-16423.	1.7	27
51	Respecting nasal mucosa during turbinate surgery: end of the dogma?. Rhinology, 2013, 51, 368-375.	0.7	9
52	Microstruttura e funzione del tessuto osseo. Parte I: meccanismi di adattamento. Italian Oral Surgery, 2012, 11, 80-95.	0.2	1
53	Microstruttura e funzione del tessuto osseo. Parte II: carico immediato e biomateriali. Italian Oral Surgery, 2012, 11, 116-131.	0.2	0
54	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

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55	Bone regeneration in sinus augmentation procedures with calcium sulphate. Microstructure and microanalytical investigations. Australian Dental Journal, 2012, 57, 200-206.	0.6	9
56	Histologic and histomorphometric results of three bone graft substitutes after sinus augmentation in humans. Clinical Oral Investigations, 2012, 16, 45-53.	1.4	33
57	Histomorphologic-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
58	Histomorphologic-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
59	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
60	The relationship between interimplant distances and vascularization of the interimplant bone. Clinical Oral Implants Research, 2010, 21, 822-829.	1.9	14
61	Scanning Electron Microscopy Fractography Analysis of Fractured Hollow Implants. Journal of Oral Implantology, 2010, 36, 105-111.	0.4	22
62	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
63	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
64	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
65	Peri-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
66	Scaffold's surface geometry significantly affects human stem cell bone tissue engineering. Journal of Cellular Physiology, 2008, 214, 166-172.	2.0	134
67	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
68	Characterization of an <i>Helicobacter pylori</i> environmental strain. Journal of Applied Microbiology, 2008, 105, 761-769.	1.4	43
69	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
70	Dynamic colonization of <i>Helicobacter pylori</i> in human gastric mucosa. Scandinavian Journal of Gastroenterology, 2008, 43, 178-185.	0.6	51
71	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
72	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

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73	A Macro- and Nanostructure Evaluation of a Novel Dental Implant. <i>Implant Dentistry</i> , 2008, 17, 309-320.	1.7	30
74	Bone Microstructure Evaluation near Unloaded Dental Implants Combining Confocal Scanning Laser Microscopy, Circularly Polarized Light Microscopy, and Sem Backscattered Electrons Imaging. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 37-41.	1.0	19
75	Morphostructural Analysis of Human Follicular Stem Cells on Highly Porous Bone Hydroxyapatite Scaffold. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 819-826.	1.0	12
76	Sem and Fractography Analysis of Screw Thread Loosening in Dental Implants. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 19-22.	1.0	10
77	In Vitro Evaluation of Thermomechanic Coupling in Conical Implant-to-Abutment Joint. <i>Implant Dentistry</i> , 2007, 16, 379-386.	1.7	6
78	Comparative evaluation of the peri-implant bone tissue mineral density around unloaded titanium dental implants. <i>Journal of Dentistry</i> , 2007, 35, 84-92.	1.7	27
79	A Histologic and Histomorphometric Evaluation of Anorganic Bovine Bone Retrieved 9 Years After a Sinus Augmentation Procedure. <i>Journal of Periodontology</i> , 2007, 78, 955-961.	1.7	136
80	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. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 61-67.	1.0	0
81	Fracture resistance of implant-supported screw- versus cement-retained porcelain fused to metal single crowns: SEM fractographic analysis. <i>Dental Materials</i> , 2007, 23, 296-301.	1.6	98
82	Peri-Implant Bone Organization Under Immediate Loading State. Circularly Polarized Light Analyses: A Minipig Study. <i>Journal of Periodontology</i> , 2006, 77, 152-160.	1.7	61
83	Collagen Fiber Orientation Near a Fractured Dental Implant After a 5-Year Loading Period: Case Report. <i>Implant Dentistry</i> , 2006, 15, 70-76.	1.7	27
84	Bone microvascular pattern around loaded dental implants in a canine model. <i>Clinical Oral Investigations</i> , 2006, 10, 151-156.	1.4	24
85	Preferred Collagen Fiber Orientation in Human Peri-implant Bone After a Short- and Long-term Loading Period: A Case Report. <i>Journal of Oral Implantology</i> , 2006, 32, 177-181.	0.4	16
86	Bone Contact Around Osseointegrated Implants: A Histologic Study of Acid-Etched and Machined Surfaces. <i>Journal of Long-Term Effects of Medical Implants</i> , 2006, 16, 131-144.	0.2	10
87	Copper-zinc superoxide dismutase activity in healthy and inflamed human dental pulp. <i>International Endodontic Journal</i> , 2005, 38, 195-199.	2.3	13
88	Maxillary sinus augmentation with Bio-Oss® particles: A light, scanning, and transmission electron microscopy study in man. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 448-457.	1.6	108
89	Collagen fiber orientation near dental implants in human bone: Do their organization reflect differences in loading?. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 538-546.	1.6	32
90	Quantitative evaluation of the fibrin clot extension on different implant surfaces: An in vitro study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 636-642.	1.6	50

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91	Morphological and Cytofluorimetric Analysis of Adult Mesenchymal Stem Cells Expanded <i>Ex Vivo</i> from Periodontal Ligament. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 213-221.	1.0	133
92	Biofilm formation and modulation of luxS and rpoD expression by <i>Helicobacter pylori</i> . <i>Biofilms</i> , 2005, 2, 119-127.	0.6	26
93	Collagen Fiber Orientation in Human Peri-Implant Bone Around Immediately Loaded and Unloaded Titanium Dental Implants. <i>Journal of Periodontology</i> , 2005, 76, 83-89.	1.7	27
94	Shear bond strength, bond failure, and scanning electron microscopy analysis of a new flowable composite for orthodontic use. <i>Angle Orthodontist</i> , 2005, 75, 410-5.	1.1	43
95	Friction of conventional and self-ligating brackets using a 10 bracket model. <i>Angle Orthodontist</i> , 2005, 75, 1041-5.	1.1	60
96	A new one-step dental flowable composite for orthodontic use: an in vitro bond strength study. <i>Angle Orthodontist</i> , 2005, 75, 672-7.	1.1	50
97	Adherence of investment to Au-Pd-Ag alloy using a vacuum argon pressure casting machine. <i>Dental Materials</i> , 2003, 19, 732-738.	1.6	3
98	Provisional gold-resin restoration executed through an indirect-direct procedure: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2000, 84, 125-128.	1.1	5