

Gianluca Martino Tartaglia

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

3,965
citations

126907

33
h-index

144013

57
g-index

115
all docs

115
docs citations

115
times ranked

3232
citing authors

#	ARTICLE	IF	CITATIONS
1	Single tooth bite forces in healthy young adults. <i>Journal of Oral Rehabilitation</i> , 2004, 31, 18-22.	3.0	267
2	Craniofacial morphometry by photographic evaluations. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1993, 103, 327-337.	1.7	199
3	Maximal bite forces in healthy young adults as predicted by surface electromyography. <i>Journal of Dentistry</i> , 2004, 32, 451-457.	4.1	199
4	Distance from symmetry: A three-dimensional evaluation of facial asymmetry. <i>Journal of Oral and Maxillofacial Surgery</i> , 1994, 52, 1126-1132.	1.2	165
5	The influence of occlusion on jaw and neck muscle activity: a surface EMG study in healthy young adults. <i>Journal of Oral Rehabilitation</i> , 2006, 33, 341-348.	3.0	142
6	The effect of sex and age on facial asymmetry in healthy subjects: A cross-sectional study from adolescence to mid-adulthood. <i>Journal of Oral and Maxillofacial Surgery</i> , 2001, 59, 382-388.	1.2	115
7	Immediate effect of a stabilization splint on masticatory muscle activity in temporomandibular disorder patients. <i>Journal of Oral Rehabilitation</i> , 2002, 29, 810-815.	3.0	114
8	Mathematical definition of the shape of dental arches in human permanent healthy dentitions. <i>European Journal of Orthodontics</i> , 1994, 16, 287-294.	2.4	92
9	Masticatory muscle activity during maximum voluntary clench in different research diagnostic criteria for temporomandibular disorders (RDC/TMD) groups. <i>Manual Therapy</i> , 2008, 13, 434-440.	1.6	87
10	Direct 3D Printing of Clear Orthodontic Aligners: Current State and Future Possibilities. <i>Materials</i> , 2021, 14, 1799.	2.9	84
11	Surface electromyographic assessment of patients with long lasting temporomandibular joint disorder pain. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 659-664.	1.7	82
12	Electromyographic indices, orofacial myofunctional status and temporomandibular disorders severity: A correlation study. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 266-272.	1.7	78
13	Preliminary Evaluation of an Electromagnetic Three-Dimensional Digitizer in Facial Anthropometry. <i>Cleft Palate-Craniofacial Journal</i> , 1998, 35, 9-15.	0.9	67
14	Occlusion, Sternocleidomastoid Muscle Activity, and Body Sway: A Pilot Study in Male Astronauts. <i>Cranio - Journal of Craniomandibular Practice</i> , 2006, 24, 43-49.	1.4	64
15	Age- and sex-related changes in the normal human external nose. <i>Forensic Science International</i> , 2011, 204, 205.e1-205.e9.	2.2	63
16	Facial morphometry of television actresses compared with normal women. <i>Journal of Oral and Maxillofacial Surgery</i> , 1995, 53, 1008-1014.	1.2	62
17	Evidence of an influence of asymmetrical occlusal interferences on the activity of the sternocleidomastoid muscle. <i>Journal of Oral Rehabilitation</i> , 2003, 30, 34-40.	3.0	60
18	Neuromuscular coordination of masticatory muscles in subjects with two types of implant-supported prostheses. <i>Clinical Oral Implants Research</i> , 2004, 15, 219-225.	4.5	59

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19	The use of surface electromyography as a tool in differentiating temporomandibular disorders from neck disorders. <i>Manual Therapy</i> , 2007, 12, 372-379.	1.6	59
20	Adverse events associated with home use of mouthrinses: a systematic review. <i>Therapeutic Advances in Drug Safety</i> , 2019, 10, 204209861985488.	2.4	57
21	Electromyographic standardized indices in healthy Brazilian young adults and data reproducibility. <i>Journal of Oral Rehabilitation</i> , 2009, 36, 577-583.	3.0	56
22	Size and shape of the human first permanent molar: A Fourier analysis of the occlusal and equatorial outlines. , 1999, 108, 281-294.		55
23	Preliminary Evaluation of an Electromagnetic Three-Dimensional Digitizer in Facial Anthropometry. <i>Cleft Palate-Craniofacial Journal</i> , 1998, 35, 9-15.	0.9	53
24	Recent advances in graphene-based nanobiosensors for salivary biomarker detection. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112723.	10.1	51
25	Soft-Tissue Facial Characteristics of Attractive and Normal Adolescent Boys and Girls. <i>Angle Orthodontist</i> , 2008, 78, 799-807.	2.4	50
26	Implant rehabilitation in fibula-free flap reconstruction: A retrospective study of cases at 18 years following surgery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1655-1661.	1.7	49
27	A Quantitative Three-Dimensional Assessment of Soft Tissue Facial Asymmetry of Cleft Lip and Palate Adult Patients. <i>Journal of Craniofacial Surgery</i> , 2003, 14, 739-746.	0.7	47
28	Mandibular kinematics and masticatory muscles EMG in patients with short lasting TMD of mild-moderate severity. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 627-633.	1.7	47
29	Computer-aided cephalometric landmark annotation for CBCT data. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 113-121.	2.8	44
30	Electromyographic analysis of masticatory and neck muscles in subjects with natural dentition, teeth-supported and implant-supported prostheses. <i>Clinical Oral Implants Research</i> , 2008, 19, 1081-1088.	4.5	41
31	Activities of masticatory muscles in patients after orthognathic surgery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2009, 37, 417-420.	1.7	39
32	Seven-year prospective clinical study on zirconia-based single crowns and fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2015, 19, 1137-1145.	3.0	39
33	The Gaseous Ozone Therapy as a Promising Antiseptic Adjuvant of Periodontal Treatment: A Randomized Controlled Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 985.	2.6	36
34	Benefits and Implications of Resveratrol Supplementation on Microbiota Modulations: A Systematic Review of the Literature. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4027.	4.1	36
35	Use of Electromyographic and Electrocardiographic Signals to Detect Sleep Bruxism Episodes in a Natural Environment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 994-1001.	6.3	35
36	Mouthwashes in the 21 st century: a narrative review about active molecules and effectiveness on the periodontal outcomes. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 973-982.	5.0	33

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37	Mathematical definition of the curve of Spee in permanent healthy dentitions in man. Archives of Oral Biology, 1992, 37, 691-694.	1.8	32
38	Malignancies and Biosensors: A Focus on Oral Cancer Detection through Salivary Biomarkers. Biosensors, 2021, 11, 396.	4.7	32
39	Three-Dimensional Lip Morphometry in Adults Operated on for Cleft Lip and Palate. Plastic and Reconstructive Surgery, 2003, 111, 2149-2156.	1.4	31
40	A 3-year follow-up study of all-ceramic single and multiple crowns performed in a private practice: a prospective case series. Clinics, 2011, 66, 2063-2070.	1.5	31
41	A Quantitative Analysis of Lip Aesthetics: The Influence of Gender and Aging. Aesthetic Plastic Surgery, 2015, 39, 771-776.	0.9	31
42	Morphometry of the ear in Down's syndrome subjects. International Journal of Oral and Maxillofacial Surgery, 2005, 34, 480-486.	1.5	30
43	SARS-CoV-2 Disease Adjuvant Therapies and Supplements Breakthrough for the Infection Prevention. Microorganisms, 2021, 9, 525.	3.6	30
44	Innovative Concepts and Recent Breakthrough for Engineered Graft and Constructs for Bone Regeneration: A Literature Systematic Review. Materials, 2022, 15, 1120.	2.9	30
45	Mandibular movements at maximum mouth opening and EMG activity of masticatory and neck muscles in patients rehabilitated after a mandibular condyle fracture. Journal of Cranio-Maxillo-Facial Surgery, 2009, 37, 327-333.	1.7	29
46	3D cephalometry on reduced FOV CBCT: skeletal class assessment through AF-BF on Frankfurt planeâ€™ validity and reliability through comparison with 2D measurements. European Radiology, 2020, 30, 6295-6302.	4.5	29
47	COVID-19 Infection in Children and Infants: Current Status on Therapies and Vaccines. Children, 2022, 9, 249.	1.5	29
48	Human dental arch shape evaluated by Euclidean-distance matrix analysis. American Journal of Physical Anthropology, 1993, 90, 445-453.	2.1	28
49	New Television Technique for Natural Head and Body Posture Analysis. Cranio - Journal of Craniomandibular Practice, 1995, 13, 247-255.	1.4	28
50	Myoelectric manifestations of jaw elevator muscle fatigue and recovery in healthy and TMD subjects. Journal of Oral Rehabilitation, 2012, 39, 648-658.	3.0	28
51	Salivary biomarkers of neurodegenerative and demyelinating diseases and biosensors for their detection. Ageing Research Reviews, 2022, 76, 101587.	10.9	28
52	Implant-Supported Immediately Loaded Full-Arch Rehabilitations. Implant Dentistry, 2016, 25, 74-82.	1.3	27
53	The nasal septum deviation index (NSDI) based on CBCT data. Dentomaxillofacial Radiology, 2016, 45, 20150327.	2.7	27
54	Soft tissue facial morphology in obese adolescents: a three-dimensional noninvasive assessment. Angle Orthodontist, 2004, 74, 37-42.	2.4	26

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55	Maxillary versus mandibular arch form differences in human permanent dentition assessed by Euclidean-distance matrix analysis. <i>Archives of Oral Biology</i> , 1994, 39, 135-139.	1.8	25
56	A Quantitative Three-Dimensional Assessment of Abnormal Variations in Facial Soft Tissues of Adult Patients with Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2003, 40, 544-549.	0.9	24
57	3D Printing of Clear Orthodontic Aligners: Where We Are and Where We Are Going. <i>Materials</i> , 2020, 13, 5204.	2.9	24
58	SARS-CoV-2 Disease through Viral Genomic and Receptor Implications: An Overview of Diagnostic and Immunology Breakthroughs. <i>Microorganisms</i> , 2021, 9, 793.	3.6	20
59	The 15-Months Clinical Experience of SARS-CoV-2: A Literature Review of Therapies and Adjuvants. <i>Antioxidants</i> , 2021, 10, 881.	5.1	20
60	Elastodontic Therapy of Hyperdivergent Class II Patients Using AMCOPÁ® Devices: A Retrospective Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3259.	2.5	20
61	Desmoglein 3 and keratin 10 expressions are reduced by chronic exposure to cigarette smoke in human keratinised oral mucosa explants. <i>Archives of Oral Biology</i> , 2010, 55, 815-823.	1.8	19
62	Mast cells and the inflammatory response to different implanted biomaterials. <i>Archives of Histology and Cytology</i> , 2004, 67, 211-217.	0.2	18
63	Clinical efficacy of a new cetylpyridinium chlorideâ€hyaluronic acidâ€based mouthrinse compared to chlorhexidine and placebo mouthrinsesâ€A 21â€day randomized clinical trial. <i>International Journal of Dental Hygiene</i> , 2020, 18, 116-123.	1.9	18
64	Antioxidant capacity of human saliva and periodontal screening assessment in healthy adults. <i>Archives of Oral Biology</i> , 2017, 78, 34-38.	1.8	17
65	Effects of the functional orthopaedic therapy on masticatory muscles activity. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	1.2	17
66	In vitro studies evaluating the efficacy of mouth rinses on Sars-Cov-2: A systematic review. <i>Journal of Infection and Public Health</i> , 2021, 14, 1179-1185.	4.1	17
67	A Quantitative Three-Dimensional Assessment of Abnormal Variations in Facial Soft Tissues of Adult Patients With Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2003, 40, 544-549.	0.9	16
68	Activities of Masticatory Muscles in Patients Before Orthognathic Surgery. <i>Journal of Craniofacial Surgery</i> , 2010, 21, 724-726.	0.7	16
69	3D Cephalometric Normality Range: Auto Contractive Maps (ACM) Analysis in Selected Caucasian Skeletal Class I Age Groups. <i>Bioengineering</i> , 2022, 9, 216.	3.5	16
70	The use of linear and angular measurements of maxillo-mandibular anteroposterior discrepancies. <i>Orthodontics & Craniofacial Research</i> , 1999, 2, 34-41.	0.2	14
71	Non-invasive 3D facial analysis and surface electromyography during functional pre-orthodontic therapy: a preliminary report. <i>Journal of Applied Oral Science</i> , 2009, 17, 487-494.	1.8	14
72	Soft Tissue Facial Morphometry Before and After Total Oral Rehabilitation With Implant-Supported Prosthesis. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 1610-1614.	0.7	14

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73	A pilot study on the preventative potential of alpha-cyclodextrin and hydroxytyrosol against SARS-CoV-2 transmission. <i>Acta Biomedica</i> , 2020, 91, e2020022.	0.3	14
74	Longitudinal effects of rapid maxillary expansion on masticatory muscles activity. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	1.2	14
75	Acute effects of cigarette smoke on three-dimensional cultures of normal human oral mucosa. <i>Inhalation Toxicology</i> , 2012, 24, 382-389.	1.6	13
76	Abnormal Variations in the Facial Soft Tissues of Individuals with down Syndrome: Sudan versus Italy. <i>Cleft Palate-Craniofacial Journal</i> , 2015, 52, 588-596.	0.9	13
77	COVID-19 Infection in Children, Infants and Pregnant Subjects: An Overview of Recent Insights and Therapies. <i>Microorganisms</i> , 2021, 9, 1964.	3.6	13
78	Three-dimensional facial morphometry of attractive Italian women. <i>Progress in Orthodontics</i> , 2007, 8, 282-93.	3.5	13
79	Soft tissue facial areas and volumes in subjects with Down syndrome. <i>American Journal of Medical Genetics Part A</i> , 2004, 130A, 234-239.	2.4	12
80	Treatment for TMD with Occlusal Splint and Electromyographic Control: Application of the FARC Protocol in a Brazilian Population. <i>Cranio - Journal of Craniomandibular Practice</i> , 2012, 30, 218-226.	1.4	12
81	A Call for Action to Safely Deliver Oral Health Care during and Post COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6704.	2.6	12
82	An <i>in vitro</i> model of human oral explants to study early effects of radiation mucositis. <i>European Journal of Oral Sciences</i> , 2009, 117, 169-174.	1.5	11
83	Cannabinoids Drugs and Oral Health—From Recreational Side-Effects to Medicinal Purposes: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8329.	4.1	11
84	Benefits of using the ultrasonic BoneScalpel,® in temporomandibular joint reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 401-407.	1.7	10
85	Cephalometric measurements performed on CBCT and reconstructed lateral cephalograms: a cross-sectional study providing a quantitative approach of differences and bias. <i>BMC Oral Health</i> , 2022, 22, 98.	2.3	10
86	Incidental Finding in Pre-Orthodontic Treatment Radiographs of an Aural Foreign Body: A Case Report. <i>Children</i> , 2022, 9, 421.	1.5	9
87	Histomorphometric Analysis of Human Maxillary Sinus Lift with a New Bone Substitute Biocomposite: A Preliminary Report. <i>Clinical Implant Dentistry and Related Research</i> , 2009, 11, e59-68.	3.7	8
88	Pilot study for the evaluation of safety profile of a potential inhibitor of SARS-CoV-2 endocytosis. <i>Acta Biomedica</i> , 2020, 91, e2020009.	0.3	8
89	Electromyographic activity of sternocleidomastoid and masticatory muscles in patients with vestibular lesions. <i>Journal of Applied Oral Science</i> , 2008, 16, 391-396.	1.8	7
90	Surface electromyography and magnetic resonance imaging of the masticatory muscles in patients with arthrogenous temporomandibular disorders. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 118, 248-256.	0.4	7

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91	Neuromuscular evaluation of post-orthodontic stability: an experimental protocol. <i>The International Journal of Adult Orthodontics and Orthognathic Surgery</i> , 2002, 17, 307-13.	0.1	7
92	Comparison of soft-tissue orbital morphometry in attractive and normal Italian subjects. <i>Angle Orthodontist</i> , 2015, 85, 127-133.	2.4	6
93	Implantâ€Supported Immediately Loaded Complete Arch Rehabilitations with a Mean Followâ€up of 10 Years: A Prospective Clinical Study. <i>Journal of Prosthodontics</i> , 2019, 28, 951-957.	3.7	6
94	Temporomandibular Joint Discectomy Followed by Disc Replacement Using Viable Osteochondral and Umbilical Cord Allografts Results in Improved Patient Outcomes. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 63-74.	1.2	6
95	Serological Profile of Children and Young Adults with at Least One SARS-CoV-2 Positive Cohabitant: An Observational Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1488.	2.6	6
96	Cone-Beam Computed Tomographic Assessment of the Mandibular Condylar Volume in Different Skeletal Patterns: A Retrospective Study in Adult Patients. <i>Bioengineering</i> , 2022, 9, 102.	3.5	6
97	Commentary to Suvinen and Kemppainen (<i>JOR</i> 2007;34:631â€44). <i>Journal of Oral Rehabilitation</i> , 2009, 36, 9-10.	3.0	5
98	Normalizing surface electromyographic measures of the masticatory muscles: Comparison of two different methods for clinical purpose. <i>Journal of Electromyography and Kinesiology</i> , 2016, 30, 238-242.	1.7	5
99	The Influence of Residual Alveolar Bone Height on Graft Composition after Maxillary Sinus Augmentation Using Two Different Xenografts: A Histomorphometric Comparative Study. <i>Materials</i> , 2020, 13, 5093.	2.9	5
100	Electroporation technique for joint pain â€ Pilot feasibility study on TMD patients. <i>Clinical and Experimental Dental Research</i> , 2020, 6, 642-649.	1.9	5
101	Clinical Outcome of Dental Implants after Maxillary Sinus Augmentation with and without Bone Grafting: A Retrospective Evaluation. <i>Materials</i> , 2021, 14, 2479.	2.9	5
102	A Therapeutic Dose of FK506 Does Not Affect Collagen Turnover Pathways in Healthy Human Gingival Fibroblasts. <i>Transplantation Proceedings</i> , 2008, 40, 1419-1424.	0.6	4
103	Redox Profiling of Selected Apulian Red Wines in a Single Minute. <i>Antioxidants</i> , 2022, 11, 859.	5.1	4
104	Harmonic analysis of mandibular form and symmetry with computerized tomographic views. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2000, 89, 112-117.	1.4	3
105	Glycosaminoglycan, collagen, and glycosidase changes in human osteoblasts treated with interleukin 1, and osteodystrophy. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 686-692.	5.6	2
106	Bilateral Blindness in a Patient With Temporal Arteritis After Wisdom Tooth Extraction. <i>Journal of Craniofacial Surgery</i> , 2016, 27, e162-e164.	0.7	2
107	In Vitro and In Vivo Assessment of a New Workflow for the Acquisition of Mandibular Kinematics Based on Portable Tracking System with Passive Optical Reflective Markers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3947.	2.5	2
108	Rare Genetic Syndromes and Oral Anomalies: A Review of the Literature and Case Series with a New Classification Proposal. <i>Children</i> , 2022, 9, 12.	1.5	2

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109	Transinusal Pathway Removal of an Impacted Third Molar with an Unusual Approach: A Case Report and a Systematic Review of the Literature. <i>Antibiotics</i> , 2022, 11, 658.	3.7	2
110	Anthropometry of Facial Beauty. , 2012, , 593-609.		1
111	Is Pediatric Dentistry a Topic of Interest for Pediatric Journals? A Scoping Review. <i>Children</i> , 2021, 8, 720.	1.5	1
112	Dental Caries and Oral Health in Children”Special Issue. <i>Children</i> , 2021, 8, 674.	1.5	1
113	Efficacy of Kinematic Parameters for Assessment of Temporomandibular Joint Function and Dysfunction: A Systematic Review and Meta-Analysis. <i>Bioengineering</i> , 2022, 9, 269.	3.5	1
114	Clinical Evaluation. , 2019, , 121-142.		0
115	Maxillary Sinus Osteoma as a Support for Dental Implant Associated to Sinus Augmentation Procedure: A Case Report and Literature Review. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5435.	2.5	0