

# Antonino Lo Giudice

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/519749/publications.pdf>

Version: 2024-02-01

84  
papers

2,030  
citations

218677

26  
h-index

289244

40  
g-index

85  
all docs

85  
docs citations

85  
times ranked

1456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodontitis activates the NLRP3 inflammasome in serum and saliva. <i>Journal of Periodontology</i> , 2022, 93, 135-145.	3.4	84
2	Independent impact of periodontitis and cardiovascular disease on elevated soluble urokinase-type plasminogen activator receptor (suPAR) levels. <i>Journal of Periodontology</i> , 2021, 92, 896-906.	3.4	80
3	Bone and cortical bone thickness of mandibular buccal shelf for mini-screw insertion in adults. <i>Angle Orthodontist</i> , 2017, 87, 745-751.	2.4	75
4	Analysis of Endothelin-1 Concentrations in Individuals with Periodontitis. <i>Scientific Reports</i> , 2020, 10, 1652.	3.3	71
5	Identification of the different salivary Interleukin-6 profiles in patients with periodontitis: A cross-sectional study. <i>Archives of Oral Biology</i> , 2021, 122, 104997.	1.8	69
6	Analysis of galectin-3 levels as a source of coronary heart disease risk during periodontitis. <i>Journal of Periodontal Research</i> , 2021, 56, 597-605.	2.7	69
7	Expression of Salivary and Serum Malondialdehyde and Lipid Profile of Patients with Periodontitis and Coronary Heart Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6061.	4.1	67
8	Effectiveness of a nutraceutical agent in the non-surgical periodontal therapy: a randomized, controlled clinical trial. <i>Clinical Oral Investigations</i> , 2021, 25, 1035-1045.	3.0	67
9	Assessment of Vitamin C and Antioxidant Profiles in Saliva and Serum in Patients with Periodontitis and Ischemic Heart Disease. <i>Nutrients</i> , 2019, 11, 2956.	4.1	61
10	Alveolar bone changes after rapid maxillary expansion with tooth-borne appliances: a systematic review. <i>European Journal of Orthodontics</i> , 2018, 40, 296-303.	2.4	58
11	Association among serum and salivary <i>A. actinomycetemcomitans</i> specific immunoglobulin antibodies and periodontitis. <i>BMC Oral Health</i> , 2020, 20, 283.	2.3	58
12	Periodontitis and Tooth Loss Have Negative Systemic Impact on Circulating Progenitor Cell Levels: A Clinical Study. <i>Genes</i> , 2019, 10, 1022.	2.4	55
13	One Step before 3D Printing—Evaluation of Imaging Software Accuracy for 3-Dimensional Analysis of the Mandible: A Comparative Study Using a Surface-to-Surface Matching Technique. <i>Materials</i> , 2020, 13, 2798.	2.9	51
14	Does Low-Level Laser Therapy Enhance the Efficiency of Orthodontic Dental Alignment? Results from a Randomized Pilot Study. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 421-426.	2.0	44
15	Three-dimensional evaluation on digital casts of maxillary palatal size and morphology in patients with functional posterior crossbite. <i>European Journal of Orthodontics</i> , 2018, 40, 556-562.	2.4	44
16	Impact of Oral Microbiome in Periodontal Health and Periodontitis: A Critical Review on Prevention and Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5142.	4.1	44
17	The step further smile virtual planning: milled versus prototyped mock-ups for the evaluation of the designed smile characteristics. <i>BMC Oral Health</i> , 2020, 20, 165.	2.3	39
18	Description of a Digital Work-Flow for CBCT-Guided Construction of Micro-Implant Supported Maxillary Skeletal Expander. <i>Materials</i> , 2020, 13, 1815.	2.9	36

#	ARTICLE	IF	CITATIONS
19	Accuracy of orthodontic models prototyped for clear aligners therapy: A 3D imaging analysis comparing different market segments 3D printing protocols. <i>Journal of Dentistry</i> , 2022, 124, 104212.	4.1	35
20	Effectiveness of orthodontic treatment with functional appliances on maxillary growth in the short term: A systematic review and meta-analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 149, 600-611.e3.	1.7	33
21	Is Low-Level Laser Therapy an Effective Method to Alleviate Pain Induced by Active Orthodontic Alignment Archwire? A Randomized Clinical Trial. <i>Journal of Evidence-based Dental Practice</i> , 2019, 19, 71-78.	1.5	32
22	Fully automatic segmentation of the mandible based on convolutional neural networks (CNNs). <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 100-107.	2.8	32
23	Evaluation of mandibular symmetry and morphology in adult patients with unilateral posterior crossbite: a CBCT study using a surface-to-surface matching technique. <i>European Journal of Orthodontics</i> , 2020, 42, 650-657.	2.4	30
24	Fully automatic segmentation of sinonasal cavity and pharyngeal airway based on convolutional neural networks. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 824-835.e1.	1.7	30
25	Evaluation of condylar cortical bone thickness in patient groups with different vertical facial dimensions using cone-beam computed tomography. <i>Odontology / the Society of the Nippon Dental University</i> , 2020, 108, 669-675.	1.9	28
26	Evaluation of pulp cavity/chamber changes after tooth-borne and bone-borne rapid maxillary expansions: a CBCT study using surface-based superimposition and deviation analysis. <i>Clinical Oral Investigations</i> , 2021, 25, 2237-2247.	3.0	28
27	Complications reported with the use of orthodontic miniscrews: A systematic review. <i>Korean Journal of Orthodontics</i> , 2021, 51, 199-216.	2.3	28
28	Evaluation of the accuracy of orthodontic models prototyped with entry-level LCD-based 3D printers: a study using surface-based superimposition and deviation analysis. <i>Clinical Oral Investigations</i> , 2022, 26, 303-312.	3.0	28
29	Transverse dentoalveolar response of mandibular arch after rapid maxillary expansion (RME) with tooth-borne and bone-borne appliances. <i>Angle Orthodontist</i> , 2020, 90, 680-687.	2.4	28
30	Pain threshold and temporomandibular function in systemic sclerosis: comparison with psoriatic arthritis. <i>Clinical Rheumatology</i> , 2018, 37, 1861-1867.	2.2	27
31	The Emerging Role of microRNA in Periodontitis: Pathophysiology, Clinical Potential and Future Molecular Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5456.	4.1	27
32	Low-dose protocol of the spiral CT in orthodontics: comparative evaluation of entrance skin dose with traditional X-ray techniques. <i>Progress in Orthodontics</i> , 2013, 14, 24.	3.5	26
33	Frequency and type of ponticulus posticus in a longitudinal sample of nonorthodontically treated patients: relationship with gender, age, skeletal maturity, and skeletal malocclusion. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 126, 291-297.	0.4	26
34	Analysis of the response to two pharmacological protocols in patients with oral lichen planus: A randomized clinical trial. <i>Oral Diseases</i> , 2023, 29, 755-763.	3.0	26
35	Evaluation of mandibular changes after rapid maxillary expansion: a CBCT study in youngsters with unilateral posterior crossbite using a surface-to-surface matching technique. <i>Clinical Oral Investigations</i> , 2021, 25, 1775-1785.	3.0	25
36	A Cross-Talk between Diet and the Oral Microbiome: Balance of Nutrition on Inflammation and Immune System's Response during Periodontitis. <i>Nutrients</i> , 2022, 14, 2426.	4.1	25

#	ARTICLE	IF	CITATIONS
37	MMP-7 and MMP-9 are overexpressed in the synovial tissue from severe temporomandibular joint dysfunction. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	23
38	Three-dimensional assessment of the spheno-occipital synchondrosis and clivus after tooth-borne and bone-borne rapid maxillary expansion:. <i>Angle Orthodontist</i> , 2021, 91, 822-829.	2.4	22
39	Assessment of the accuracy of imaging software for 3D rendering of the upper airway, usable in orthodontic and craniofacial clinical settings. <i>Progress in Orthodontics</i> , 2022, 23, .	3.5	22
40	<i>In vitro</i> evaluation of resistance to sliding in self-ligating and conventional bracket systems during dental alignment. <i>Korean Journal of Orthodontics</i> , 2012, 42, 218.	2.3	21
41	Analysis of the characteristics of slot design affecting resistance to sliding during active archwire configurations. <i>Progress in Orthodontics</i> , 2013, 14, 35.	3.5	21
42	Diagnostic concordance between skeletal cephalometrics, radiograph-based soft-tissue cephalometrics, and photograph-based soft-tissue cephalometrics. <i>European Journal of Orthodontics</i> , 2017, 39, cjw072.	2.4	21
43	Skeletal and Dental Effectiveness of Treatment of Class II Malocclusion With Headgear: A Systematic Review and Meta-analysis. <i>Journal of Evidence-based Dental Practice</i> , 2018, 18, 41-58.	1.5	20
44	A New Methodology for the Digital Planning of Micro-Implant-Supported Maxillary Skeletal Expansion. <i>Medical Devices: Evidence and Research</i> , 2020, Volume 13, 93-106.	0.8	20
45	A Comparative Assessment of the Efficiency of Orthodontic Treatment With and Without Photobiomodulation During Mandibular Decrowding in Young Subjects: A Single-Center, Single-Blind Randomized Controlled Trial. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 272-279.	1.4	19
46	Maxillary Orthodontic Expansion Assisted by Unilateral Alveolar Corticotomy and Low-Level Laser Therapy: A Novel Approach for Correction of a Posterior Unilateral Cross-Bite in Adults. <i>Journal of Lasers in Medical Sciences</i> , 2019, 10, 225-229.	1.2	19
47	Evaluation of Imaging Software Accuracy for 3-Dimensional Analysis of the Mandibular Condyle. A Comparative Study Using a Surface-to-Surface Matching Technique. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4789.	2.6	18
48	Dietary Factors Affecting the Prevalence and Impact of Periodontal Disease. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2021, Volume 13, 283-292.	1.6	18
49	Impact of Matrix Metalloproteinase-9 during Periodontitis and Cardiovascular Diseases. <i>Molecules</i> , 2021, 26, 1777.	3.8	15
50	Analysis of the Efficacy of Two Treatment Protocols for Patients with Symptomatic Oral Lichen Planus: A Randomized Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 56.	2.6	15
51	Short-term treatment effects produced by rapid maxillary expansion evaluated with computed tomography: A systematic review with meta-analysis. <i>Korean Journal of Orthodontics</i> , 2020, 50, 314-323.	2.3	14
52	New Materials for Orthodontic Interceptive Treatment in Primary to Late Mixed Dentition. A Retrospective Study Using Elastodontic Devices. <i>Materials</i> , 2021, 14, 1695.	2.9	12
53	CBCT assessment of radicular volume loss after rapid maxillary expansion: A systematic review. <i>Journal of Clinical and Experimental Dentistry</i> , 2018, 10, 0-0.	1.2	11
54	3D Assessment of Endodontic Lesions with a Low-Dose CBCT Protocol. <i>Dentistry Journal</i> , 2020, 8, 51.	2.3	11

#	ARTICLE	IF	CITATIONS
55	Craniomandibular Disorders in Pregnant Women: An Epidemiological Survey. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 36.	2.4	11
56	Association of Systemic Sclerosis and Periodontitis with Vitamin D Levels. <i>Nutrients</i> , 2021, 13, 705.	4.1	11
57	New Frontiers on Adjuvants Drug Strategies and Treatments in Periodontitis. <i>Scientia Pharmaceutica</i> , 2021, 89, 46.	2.0	11
58	Evaluation of the changes of orbital cavity volume and shape after tooth-borne and bone-borne rapid maxillary expansion (RME). <i>Head &amp; Face Medicine</i> , 2020, 16, 21.	2.1	9
59	Pain Reduction during Rapid Palatal Expansion Due to LED Photobiomodulation Irradiation: A Randomized Clinical Trial. <i>Life</i> , 2022, 12, 37.	2.4	8
60	Midpalatal Suture Density Evaluation after Rapid and Slow Maxillary Expansion with a Low-Dose CT Protocol: A Retrospective Study. <i>Medicina (Lithuania)</i> , 2020, 56, 112.	2.0	7
61	Comparison between Additive and Subtractive CAD-CAM Technique to Produce Orthognathic Surgical Splints: A Personalized Approach. <i>Journal of Personalized Medicine</i> , 2020, 10, 273.	2.5	6
62	A Comparative Assessment of Pain Caused by the Placement of Banded Orthodontic Appliances with and without Low-Level Laser Therapy: A Randomized Controlled Prospective Study. <i>Dentistry Journal</i> , 2020, 8, 24.	2.3	6
63	Influence of Myeloperoxidase Levels on Periodontal Disease: An Applied Clinical Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1037.	2.5	5
64	Expression of Matrix Metalloproteinases 7 and 9, Desmin, Alpha-Smooth Muscle Actin and Caldesmon, in Odontogenic Keratocyst Associated with NBCCS, Recurrent and Sporadic Keratocysts. <i>Biomolecules</i> , 2022, 12, 775.	4.0	5
65	An Integrated Approach, Orthodontic and Prosthetic, in a Case of Maxillary Lateral Incisors Agenesis. <i>Prosthesis</i> , 2019, 1, 3-10.	2.9	4
66	The Efficacy of Retention Appliances after Fixed Orthodontic Treatment: A Systematic Review and Meta-Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3107.	2.5	4
67	New Technologies in Orthodontics: A Digital Workflow to Enhance Treatment Plan and Photobiomodulation to Expedite Clinical Outcomes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1495.	2.5	4
68	Deep learning and computer vision: Two promising pillars, powering the future in orthodontics. <i>Seminars in Orthodontics</i> , 2021, 27, 62-68.	1.4	4
69	Stannous Fluoride Preventive Effect on Enamel Erosion: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2755.	2.4	3
70	Clinical Evidence in the Treatment of Obstructive Sleep Apnoea with Oral Appliances: A Systematic Review. <i>International Journal of Dentistry</i> , 2021, 2021, 1-12.	1.5	3
71	Prevalence of Early Childhood Caries in Southern Italy: An Epidemiological Study. <i>International Journal of Dentistry</i> , 2021, 2021, 1-6.	1.5	3
72	Use of 3D Imaging for Treatment Planning in Cases of Impacted Canines. <i>Open Dentistry Journal</i> , 2019, 13, 137-142.	0.5	3

#	ARTICLE	IF	CITATIONS
73	Root Resorption of Maxillary Posterior Teeth after Rapid Maxillary Expansion: A Comprehensive Review of the Current Evidence from in-vitro and in-vivo Studies. Open Dentistry Journal, 2021, 15, 97-101.	0.5	2
74	The Evolution of the Cephalometric Superimposition Techniques from the Beginning to the Digital Era: A Brief Descriptive Review. International Journal of Dentistry, 2021, 2021, 1-7.	1.5	2
75	Teleorthodontics: Where Are We Going? From Skepticism to the Clinical Applications of a New Medical Communication and Management System. International Journal of Dentistry, 2022, 2022, 1-8.	1.5	2
76	Efficacy of the Cervical Vertebral Maturation Method: A Systematic Review. , 2022, 35, 55-66.		2
77	Short-Term and Long-Term Changes of Nasal Soft Tissue after Rapid Maxillary Expansion (RME) with Tooth-Borne and Bone-Borne Devices. A CBCT Retrospective Study.. Diagnostics, 2022, 12, 875.	2.6	2
78	Oral Alterations in Heritable Epidermolysis Bullosa: A Clinical Study and Literature Review. BioMed Research International, 2022, 2022, 1-8.	1.9	2
79	A Full Diagnostic Process for the Orthodontic Treatment Strategy: A Documented Case Report. Dentistry Journal, 2020, 8, 41.	2.3	1
80	Invisalign appliance: aesthetic and efficiency. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2021, 69, 329-334.	1.3	1
81	Analysis of Earlier Temporomandibular Joint Disorders in JIA Patients: A Clinical Report. Healthcare (Switzerland), 2021, 9, 1140.	2.0	1
82	Mandibular Advancement Devices (MAD) as a Treatment Alternative for Obstructive Sleep Apnea Syndrome (OSAS). Open Dentistry Journal, 2021, 15, 120-126.	0.5	0
83	Accuracy and Reliability of Space Analysis Measurements in Digital Models with Different Degrees of Crowding. Open Dentistry Journal, 2019, 13, 505-511.	0.5	0
84	Class III Orthodontic Camouflage: Is the "Ideal" Treatment Always the Best Option? A Documented Case Report. Case Reports in Dentistry, 2022, 2022, 1-7.	0.5	0