

Mirian Aiko Nakane Manm Matsumoto

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,427
citations

394421

19
h-index

395702

33
g-index

91
all docs

91
docs citations

91
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-level laser therapy (LLLT) improves alveolar bone healing in rats. <i>Lasers in Medical Science</i> , 2022, 37, 961-969.	2.1	8
2	Photobiomodulation impacts the levels of inflammatory mediators during orthodontic tooth movement? A systematic review with meta-analysis. <i>Lasers in Medical Science</i> , 2022, 37, 771-787.	2.1	5
3	The effect of whitening toothpastes on polyurethane and silicone orthodontic clear ligatures: A clinical study. <i>International Journal of Dental Hygiene</i> , 2022, 20, 487-495.	1.9	1
4	Adolescents' perception of malocclusion, their motivations, and expectations concerning the orthodontic treatment. Is it all about attractiveness? A qualitative study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 161, e345-e352.	1.7	7
5	Self-ligating brackets exhibit accumulation of high levels of periodontopathogens in gingival crevicular fluid. <i>Odontology / the Society of the Nippon Dental University</i> , 2022, , 1.	1.9	2
6	Orthodontic mini-implants: clinical and peri-implant evaluation.. <i>Journal of the World Federation of Orthodontists</i> , 2022, 11, 22-28.	2.3	2
7	Testosterone suppression impacts craniofacial growth structures during puberty. <i>Journal of Orofacial Orthopedics</i> , 2022, , 1.	1.3	0
8	Impact of cigarette smoke on osteogenic and osteoclast signaling in middle palatal suture. <i>Brazilian Dental Journal</i> , 2022, 33, 99-108.	1.1	1
9	Evaluation of photobiomodulation therapy to accelerate bone formation in the mid palatal suture after rapid palatal expansion: a randomized clinical trial. <i>Lasers in Medical Science</i> , 2021, 36, 1039-1046.	2.1	6
10	Genetic variants in tooth agenesis-related genes might be also involved in tooth size variations. <i>Clinical Oral Investigations</i> , 2021, 25, 1307-1318.	3.0	12
11	Human permanent tooth sizes are associated with genes encoding oestrogen receptors. <i>Journal of Orthodontics</i> , 2021, 48, 24-32.	1.0	4
12	Potential interactions among single nucleotide polymorphisms in bone and cartilage-related genes in skeletal malocclusions. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 277-287.	2.8	25
13	VEGF and FGF-2 Released In Palatal Suture after Rapid Maxillary Expansion (RME). <i>Brazilian Dental Journal</i> , 2021, 32, 98-103.	1.1	0
14	Orthodontic tooth movement in obese rats: preliminary histoenzymological results / Movimento ortodôntica em ratos obesos: um estudo preliminar. <i>Brazilian Journal of Development</i> , 2021, 7, 36685-36698.	0.1	0
15	Esthetic elastomeric ligatures: Quantification of bacterial endotoxin in vitro and in vivo. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 660-665.	1.7	3
16	Parathyroid Hormone Gene and Genes Involved in the Maintenance of Vitamin D Levels Association with Mandibular Retrognathism. <i>Journal of Personalized Medicine</i> , 2021, 11, 369.	2.5	9
17	Tooth agenesis might be associated with palatine rugae pattern in a tooth Brazilians population. <i>Research, Society and Development</i> , 2021, 10, e29010716487.	0.1	0
18	Genetic variants in bone morphogenetic proteins signaling pathway might be involved in palatal rugae phenotype in humans. <i>Scientific Reports</i> , 2021, 11, 12715.	3.3	5

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19	Effectiveness of Invisalign® aligners in the treatment of severe gingival recession: A case report. <i>Korean Journal of Orthodontics</i> , 2021, 51, 293-300.	2.3	6
20	Exploring the Association Between Genetic Polymorphisms in Genes Involved in Craniofacial Development and Isolated Tooth Agenesis. <i>Frontiers in Physiology</i> , 2021, 12, 723105.	2.8	8
21	CO2 laser irradiation for debonding ceramic orthodontic brackets. <i>Brazilian Dental Journal</i> , 2021, 32, 45-52.	1.1	2
22	Left-right asymmetry in palatal rugae is associated with genetic variants in WNT signaling pathway. <i>Archives of Oral Biology</i> , 2020, 110, 104604.	1.8	6
23	Possible association between craniofacial dimensions and genetic markers in <i>ESR1</i> and <i>ESR2</i> . <i>Journal of Orthodontics</i> , 2020, 47, 65-71.	1.0	6
24	Effect of ovariectomy on maxilla and mandible dimensions of female rats. <i>Orthodontics and Craniofacial Research</i> , 2020, 23, 342-350.	2.8	10
25	Association between craniofacial morphological patterns and tooth agenesis-related genes. <i>Progress in Orthodontics</i> , 2020, 21, 9.	3.5	13
26	Transverse maxillary deficiency: treatment alternatives in face of early skeletal maturation. <i>Dental Press Journal of Orthodontics</i> , 2020, 25, 70-79.	0.9	13
27	Evaluation of Enamel Roughness in Vitro After Orthodontic Bracket Debonding Using Different Methods of Residual Adhesive Removal. <i>Turkish Journal of Orthodontics</i> , 2020, 33, 43-51.	1.1	9
28	Tooth agenesis-related <i>GLI2</i> and <i>GLI3</i> genes may contribute to craniofacial skeletal morphology in humans. <i>Archives of Oral Biology</i> , 2019, 103, 12-18.	1.8	14
29	Microbial species associated with dental caries found in saliva and in situ after use of self-ligating and conventional brackets. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180426.	1.8	9
30	Polymorphisms in <i>FGF3</i> , <i>FGF10</i> , and <i>FGF13</i> May Contribute to the Presence of Temporomandibular Disorders in Patients Who Required Orthognathic Surgery. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 2082-2084.	0.7	3
31	Genotoxic effects in oral mucosal cells caused by the use of orthodontic fixed appliances in patients after short and long periods of treatment. <i>Clinical Oral Investigations</i> , 2019, 23, 2913-2919.	3.0	8
32	Genetic variants in <i>ACTN3</i> and <i>MYO1H</i> are associated with sagittal and vertical craniofacial skeletal patterns. <i>Archives of Oral Biology</i> , 2019, 97, 85-90.	1.8	36
33	Orthodontic appliances did not increase risk of dental caries and periodontal disease under preventive protocol. <i>Angle Orthodontist</i> , 2019, 89, 25-32.	2.4	14
34	Quantification of pro-inflammatory cytokines and osteoclastogenesis markers in successful and failed orthodontic mini-implants. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180476.	1.8	15
35	An interview with Lincoln Issamu Nojima. <i>Dental Press Journal of Orthodontics</i> , 2019, 24, 22-32.	0.9	0
36	Early Treatment of Failure of Eruption of a Permanent Molar. <i>Journal of Dentistry for Children</i> , 2019, 86, 150-153.	0.2	0

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37	Cytokine profile changes in gingival crevicular fluid after placement different brackets types. Archives of Oral Biology, 2018, 85, 79-83.	1.8	12
38	Genetic polymorphism in RANK is associated with mandibular size. Journal of Orthodontics, 2018, 45, 157-162.	1.0	9
39	Genotoxic and cytotoxic effects of Haas appliance in exfoliated buccal mucosa cells during orthodontic treatment. Angle Orthodontist, 2018, 88, 590-595.	2.4	6
40	Successful and failed mini-implants: microbiological evaluation and quantification of bacterial endotoxin. Journal of Applied Oral Science, 2018, 26, e20170631.	1.8	12
41	Tooth transposition: a multidisciplinary approach. Dental Press Journal of Orthodontics, 2018, 23, 97-107.	0.9	12
42	Microbial complexes levels in conventional and self-ligating brackets. Clinical Oral Investigations, 2017, 21, 1037-1046.	3.0	17
43	Bisphenol A release from orthodontic adhesives measured in vitro and in vivo with gas chromatography. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 477-483.	1.7	34
44	Traction of impacted canines in a skeletal Class III malocclusion: A challenging orthodontic treatment. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 1159-1168.	1.7	7
45	Biofilm formation in Haas palatal expanders with and without use of an antimicrobial agent: an in situ study. Microscopy Research and Technique, 2017, 80, 471-477.	2.2	7
46	Authors' response. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 145-146.	1.7	0
47	Authors' response. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 578-579.	1.7	0
48	Association between Tooth Agenesis and Skeletal Malocclusions. Journal of Oral & Maxillofacial Research, 2017, 8, e3.	1.0	18
49	Influence of resin-modified glass ionomer and topical fluoride on levels of Streptococcus mutans in saliva and biofilm adjacent to metallic brackets. Journal of Applied Oral Science, 2017, 25, 196-202.	1.8	10
50	Quantification of Streptococcus mutans in Different Types of Ligature Wires and Elastomeric Chains. Brazilian Dental Journal, 2017, 28, 498-503.	1.1	1
51	Gingival crevicular fluid volume and periodontal parameters alterations after use of conventional and self-ligating brackets. Journal of Orthodontics, 2016, 43, 260-267.	1.0	15
52	Bacterial biofilm on successful and failed orthodontic mini-implants: a scanning electron microscopy study. Microscopy Research and Technique, 2015, 78, 1112-1116.	2.2	6
53	CO2 laser as auxiliary in the debonding of ceramic brackets. Lasers in Medical Science, 2015, 30, 1835-1841.	2.1	18
54	Facial features and hyoid bone position in preschool children with obstructive sleep apnea syndrome. European Archives of Oto-Rhino-Laryngology, 2014, 271, 1305-1309.	1.6	20

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55	Adenoid hypertrophy, craniofacial morphology in apneic children. <i>Pediatric Dental Journal</i> , 2014, 24, 71-77.	0.7	4
56	Predictors of uvulopalatopharyngoplasty success in the treatment of obstructive sleep apnea syndrome. <i>Sleep Medicine</i> , 2013, 14, 1266-1271.	1.6	30
57	Surgical-orthodontic treatment of Class III malocclusion with agenesis of lateral incisor and unerupted canine. <i>Dental Press Journal of Orthodontics</i> , 2013, 18, 94-100.	0.9	5
58	Microhardness of Enamel Adjacent to Orthodontic Brackets After CO2 Laser Irradiation and Fluoride Application. <i>Brazilian Dental Journal</i> , 2013, 24, 508-512.	1.1	11
59	Influence of adenotonsillectomy on hard palate dimensions. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 1140-1144.	1.0	17
60	Open bite: diagnosis, treatment and stability. <i>Brazilian Dental Journal</i> , 2012, 23, 768-778.	1.1	20
61	Effect of rapid maxillary expansion on the dimension of the nasal cavity and on facial morphology assessed by acoustic rhinometry and rhinomanometry. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, 129-133.	0.9	6
62	Molecular detection of in-vivo microbial contamination of metallic orthodontic brackets by checkerboard DNA-DNA hybridization. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 141, 24-29.	1.7	36
63	Does rapid maxillary expansion increase nasopharyngeal space and improve nasal airway resistance?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2011, 75, 122-125.	1.0	45
64	Use of the checkerboard DNA-DNA hybridisation technique for in vivo detection of cariogenic microorganisms on metallic brackets, with or without use of an antimicrobial agent. <i>Journal of Dentistry</i> , 2011, 39, 513-517.	4.1	19
65	Mã oclusão Classe I de Angle, com mordida aberta anterior, tratada com extraãão de dentes permanentes. <i>Dental Press Journal of Orthodontics</i> , 2011, 16, 126-138.	0.9	0
66	Evaluation of different LED light-curing devices for bonding metallic orthodontic brackets. <i>Brazilian Dental Journal</i> , 2011, 22, 249-253.	1.1	7
67	Orthodontic-surgical treatment of class III malocclusion with mandibular asymmetry. <i>Brazilian Dental Journal</i> , 2011, 22, 151-156.	1.1	12
68	Changes in facial morphology after adenotonsillectomy in mouth-breathing children. <i>International Journal of Paediatric Dentistry</i> , 2011, 21, 389-396.	1.8	25
69	Evaluation of home disinfection protocols for acrylic baseplates of removable orthodontic appliances: A randomized clinical investigation. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, 51-57.	1.7	33
70	Long-Term Effects of Rapid Maxillary Expansion on Nasal Area and Nasal Airway Resistance. <i>American Journal of Rhinology and Allergy</i> , 2010, 24, 161-165.	2.0	37
71	Extraãão de incisivo inferior: uma opãão de tratamento ortodãntico. <i>Dental Press Journal of Orthodontics</i> , 2010, 15, 143-161.	0.9	10
72	Comparaãão das dimensães de tecido mole entre padrães faciais distintos. <i>Dental Press Journal of Orthodontics</i> , 2010, 15, 84-93.	0.9	9

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73	Dimensões nasofaríngeas e faciais em diferentes padrões morfológicos. Dental Press Journal of Orthodontics, 2010, 15, 52-61.	0.9	8
74	Mastigação e atividade eletromiográfica em crianças com mordida cruzada posterior. Revista CEFAC: Atualização Científica Em Fonoaudiologia, 2009, 11, 334-340.	0.1	3
75	Dimensões do Palato e Características Oclusais de Crianças Respiradoras Nasais e Bucais. Pesquisa Brasileira Em Odontopediatria E Clínica Integrada, 2009, 9, 25-29.	0.9	8
76	In-vivo evaluation of the contamination of Super Slick elastomeric rings by Streptococcus mutans in orthodontic patients. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, S104-S109.	1.7	34
77	Streptococcus mutans counts in plaque adjacent to orthodontic brackets bonded with resin-modified glass ionomer cement or resin-based composite. Brazilian Oral Research, 2008, 22, 55-60.	1.4	19
78	Anticariogenic effect of fluoride-releasing elastomers in orthodontic patients. Brazilian Oral Research, 2007, 21, 228-233.	1.4	24
79	In-vivo evaluation of the bacterial contamination and disinfection of acrylic baseplates of removable orthodontic appliances. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, 705.e11-705.e17.	1.7	61
80	Effect of rapid maxillary expansion on the dimension of the nasal cavity and on nasal air resistance. International Journal of Pediatric Otorhinolaryngology, 2006, 70, 1225-1230.	1.0	73
81	Anterior open bite: cephalometric evaluation of the dental pattern. Brazilian Dental Journal, 2006, 17, 68-70.	1.1	3
82	Effect of 0.4% stannous fluoride gel on Streptococci mutans in relation to elastomeric rings and steel ligatures in orthodontic patients. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 127, 428-433.	1.7	24
83	Influência do padrão respiratório na morfologia craniofacial. Revista Brasileira De Otorrinolaringologia, 2005, 71, 156-160.	0.2	56
84	Cephalometric assessment of the mandibular growth pattern in mouth-breathing children. International Journal of Pediatric Otorhinolaryngology, 2005, 69, 311-317.	1.0	74
85	Dental-skeletal dimensions in growing individuals with variations in the lower facial height. Brazilian Dental Journal, 2004, 15, 68-74.	1.1	20
86	Muscular, functional and orthodontic changes in pre school children with enlarged adenoids and tonsils. International Journal of Pediatric Otorhinolaryngology, 2003, 67, 761-770.	1.0	159
87	Orthopedic cervical headgear in Class II treatment: case report. Brazilian Dental Journal, 2003, 14, 63-66.	1.1	6
88	Study of the Signs and Symptoms of Temporomandibular Dysfunction in Individuals with Normal Occlusion and Malocclusion. Cranio - Journal of Craniomandibular Practice, 2002, 20, 274-281.	1.4	10
89	Dentofacial morphology of mouth breathing children. Brazilian Dental Journal, 2002, 13, 129-132.	1.1	52
90	Rapid maxillary expansion in the treatment of the functional posterior crossbite: joint noise and electromyographic activity analysis. Universidade Estadual Paulista Revista De Odontologia, 0, 48, .	0.3	0