

Curriculum Vitae

Prof. Dr. Mauro Farella DDS PhD PD

- Dottore di Ricerca in Scienze Odontostomatologiche
- Specialista in Ortodonzia
- Specialista in Statistica Medica
- Membro Certificato "European Board of Orthodontists"

Profilo Biografico

Mauro Farella è Professore e Direttore del Programma Post-Laurea in Ortodonzia e del Programma di Ricerca Craniofacciale presso la Facoltà di Odontoiatria dell'Università di Otago, Nuova Zelanda.

Mauro Farella è anche Docente di seconda fascia presso l'Università degli Studi di Cagliari, dove contribuisce agli insegnamenti integrati di Ortodonzia e Gnatologia, Clinica Odontostomatologica, e Parodontologia per il Corso di Laurea in Odontoiatria e Protesi Dentaria, e per il Corso di Laurea in Igiene Dentale.

È inoltre Specialista in Ortodonzia registrato sia in Nuova Zelanda che in Italia, con un forte interesse clinico per la biomeccanica avanzata, i trattamenti ortodontici per adulti e i disordini craniomandibolari.

Si è laureato in Odontoiatria presso l'Università Federico II di Napoli, dove ha completato anche la specializzazione in Ortodonzia (programma accreditato NEBEOP). Ha conseguito un PhD in Scienze Orali presso l'Università di Reggio Calabria, una Specializzazione in Statistica Medica presso l'Università di Milano e il titolo accademico di "Venia Legendi" presso l'Università di Zurigo, Svizzera. Ha trascorso periodi di ricerca presso prestigiose università europee, tra cui Copenaghen, Amsterdam e Zurigo.

Le sue ricerche riguardano principalmente l'ortodonzia clinica, la crescita craniofacciale, la biomeccanica, la biologia orale e lo sviluppo di dispositivi indossabili per l'odontoiatria. È un esperto riconosciuto a livello internazionale nello studio dei muscoli orofacciali, del bruxismo e dei disturbi temporomandibolari.

Ha ottenuto oltre un milione di euro in finanziamenti per la ricerca e ha pubblicato circa 200 articoli in riviste scientifiche internazionali. Il suo H-Index è di 40 secondo Scopus e di 52 secondo Google Scholar.

Informazioni Personali

- Nome completo: Mauro Farella
- Nato a Torre del Greco, Italia
- Stato civile: Sposato con Carmela Stinga (Insegnante), con due figli: Marco Riccardo e Terence Massimo
- Cittadinanza: Italiana e Neozelandese

Email: mauro.farella@unica.it ; mauro.farella@otago.ac.nz

Posizione Attuale

- Professore e Capo della Disciplina di Ortodonzia, Università di Otago (dal luglio 2009).
 - Direttore del Programma di Ricerca Craniofacciale presso il Sir John Walsh Research Institute.
 - Professore Associato presso l'Università di Cagliari
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Esperienze Lavorative

- Università di Cagliari, Professore di Seconda Fascia dal 2022. Professore Ordinario e Capo del Dipartimento di Ortodonzia (dal 2009). Ha supervisionato oltre 60 studenti post-laurea e PhD, con un forte coinvolgimento nella ricerca clinica e nello sviluppo di nuove tecnologie dentali.
 - Honorary Professor, Università di Nanchino, Cina (2018-2022) Riconoscimento per la sua eccellenza accademica a livello internazionale.
 - Università di Zurigo, Svizzera "Wissenschaftlicher Mitarbeiter" presso il Dipartimento di Disordini Masticatori e Protesi Removibile (2007-2009).
 - Università di Napoli Federico II, Italia Assistente e poi Professore Associato presso il Dipartimento di Ortodonzia (2002-2009).
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Formazione e Titoli

- PhD in Scienze Orali, Università di Reggio Calabria e Università di Napoli Federico II, con periodi di ricerca presso le Università di Copenaghen e Amsterdam (1996-1999).
 - Specializzazione in Ortodonzia, Università Federico II, Napoli (2002), con lode. Tesi: "Fattori che influenzano le soglie di dolore dei muscoli masticatori."
 - Specializzazione in Statistica Medica, Università di Milano (2007), con lode. Tesi: "Analisi biometrica di dati elettromiografici."
 - Laurea in Odontoiatria, Università Federico II, Napoli (1993), con lode. Tesi: "Posizione di riposo mandibolare: uno studio elettromiografico."
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Attività Cliniche

Specialista in Ortodonzia con pratica clinica sia in Nuova Zelanda che in Italia, il suo interesse si concentra sulla biomeccanica avanzata, sui trattamenti ortodontici per adulti e sulla gestione dei disordini craniomandibolari. È un fornitore certificato di Invisalign® e Incognito® e ha ottenuto il titolo di Membro Certificato del "European Board of Orthodontists" a Helsinki nel 2009, riconoscimento che attesta il suo alto livello di eccellenza clinica.

Attività di Ricerca

Le sue principali aree di ricerca includono l'ortodonzia clinica, la biomeccanica craniofacciale, l'imaging tridimensionale e lo sviluppo di dispositivi indossabili per il monitoraggio della salute orale. Ha pubblicato circa 200 articoli originali in riviste scientifiche e ha collaborato con istituzioni accademiche di tutto il mondo. Ha partecipato a numerosi studi clinici randomizzati (RCT) e ha guidato oltre 60 progetti di ricerca per dottorati e tesi cliniche.

Collaborazioni di Ricerca

- Collaborazioni attive con università in Canada, Cina, Italia, Sudafrica e Australia.
 - Membro del programma di eccellenza MedTech CoRE in Nuova Zelanda, e del Neuroscience Otago Network.
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Principali Premi e Riconoscimenti

- Alan Docking Science Award (2015) per l'eccellenza nella ricerca scientifica in campo odontoiatrico.
 - Sir John Walsh Research Award (2015) per il contributo eccezionale alla ricerca sulla salute orale.
 - Research Supervisor of the Year (2021) per la supervisione di eccellenza nella ricerca post-laurea.
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Appartenenze a Società Scientifiche

- New Zealand Association of Orthodontists (dal 2010)
 - European Orthodontic Society (dal 1996)
 - World Federation of Orthodontics (dal 2009)
 - International Association for Dental Research (dal 2015)
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Attività Editoriali

- Associate Editor, Journal "Orthodontics and Craniofacial Research" (dal 2018).
 - Associate Editor, Korean Journal of Orthodontics (dal 2022).
 - Membro del comitato editoriale, Journal of Oral Rehabilitation (dal 2011) e dello European Journal of Oral Sciences (dal 2024)
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Finanziamenti per la Ricerca

Ha ottenuto oltre 1,2 milioni di euro in finanziamenti per la ricerca, inclusi progetti sostenuti dalla Swiss National Science Foundation e dalla New Zealand Dental Research Foundation. Elenco in allegato

15. Grants (UPDATED TO 2020)

Years & Place	Title	Role	Amount in \$ or €
2020 New Zealand	Effect of passive clear aligners on masticatory muscle activity in adults with and without oral parafunction. Supported by New Zealand Dental Research Foundation.	Principal Investigator	\$ 10,000
2020 New Zealand	Patients' experiences with orthodontic treatment through traditional fixed appliances, clear aligners and direct-to-consumer clear aligners: a qualitative study. Supported by New Zealand Dental Research Foundation.	Co-Investigator	\$ 10,000
2020 New Zealand	Three-dimensional stereophotogrammetry analysis of lips response to changes of incisor position and occlusal vertical dimension. Supported by New Zealand Dental Research Foundation.	Co-Investigator	\$ 1,500
2020 New Zealand	What's in a smile? Impact of oral health on smiling features. Supported by a Colgate Grant	Principal Investigator	\$ 40,000
2019 New Zealand	A novel approach for monitoring eating behavior in children. Supported by a Cure Kids Grant.	Principal Investigator	\$ 49,458
2018 New Zealand	Development of an ovine model for investigating effects of orthodontic tooth movement. Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust)	Principal Investigator	\$ 16,252
2018 New Zealand	Development of an ovine model for investigating effects of orthodontic tooth movement. Supported by New Zealand Dental Association.	Principal Investigator	\$ 15,000
2018 New Zealand	Do orthodontic extractions ruin faces? Supported by New Zealand Dental Association	Principal Investigator	\$ 11,654
2017 New Zealand	Management of biofilm formation with Air-Flow in patients with fixed orthodontic appliances. Supported by New Zealand Dental Association	Co-Investigator	\$ 5,000
2017 New Zealand	Tongue brushing and oral probiotics for the treatment of halitosis. Supported by New Zealand Dental Association.	Co-Investigator	\$ 5,000
2017 New Zealand	"EMG-Guard: a smart-phone assisted wireless EMG device for small superficial muscles". Supported by MedTech Core	Principal Investigator	\$ 25,000
2017 New Zealand	"Effects of different adhesive removal methods on bacterial colonization on in vivo orthodontic bracket model." Supported by New Zealand Dental Association	Co-Investigator	\$ 11,965
2017 New Zealand	"Validation of a wireless device to access EMG activity in the freely moving subjects". Supported by Pain at Otago	Co-Investigator	\$ 4,000
2017 New Zealand	"Validation of a wireless device to access EMG activity in the freely moving subjects". Supported by New Zealand Dental Association	Co-Investigator	\$ 5,380
2017 New Zealand	"Management of biofilm formation with Air-Flow in patients with fixed orthodontic appliances". Supported by New Zealand Dental Association	Co-Investigator	\$ 5,512
2016 New Zealand	"Cross correlation analysis of intraoral and oesophageal pH in patients with gastroesophageal reflux disorder" Supported by New Zealand Society of Gastroenterology	Co-Investigator	\$5,000
2015 New Zealand	"Genetic and psychological factors associated with orthodontic pain in children and adolescents" Supported by New Zealand Dental Association	Principal Investigator	\$ 8,441

2015 New Zealand	"Genetic and psychological factors associated with orthodontic pain in children and adolescents" Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust)	Co- Investigator	\$ 4,688
2015 New Zealand	"Jaw muscle overload as a possible cause of orofacial pain and headache" Supported by New Zealand Dental Association	Principal Investigator	\$12,350
2015 New Zealand	"3dMD Trio Imaging System and Software for 3D imaging of the face". Supported by Lottery Health Grant.	Principal Investigator	\$90,000
2015 New Zealand	"Efficacy of a Mandibular Advancement Appliance on Sleep Disordered Breathing in Children". Supported by Cure Kids Grant.	Principal Investigator	\$31,782
2014 New Zealand	"Efficacy of a Mandibular Advancement Appliance on Sleep Disordered Breathing in Children". Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust)	Principal Investigator	\$11,100
2014 New Zealand	"Efficacy of a Mandibular Advancement Appliance on Sleep Disordered Breathing in Children". Supported by Ministry of Oral Health Research Fund.	Principal Investigator	\$24,374
2014 New Zealand	"Efficacy of the oral probiotic Streptococcus salivarius in managing biofilm formation in patients wearing fixed orthodontic appliances" Supported by Ministry of Oral Health Research Fund.	Co- Investigator	\$11,410
2013 New Zealand	"A new approach to engineering 3D constructs of human bone matrix in a mechanically active environment" Supported by New Zealand Dental Association.	Co- Investigator	\$11,862
2013 New Zealand	"A novel model for exploring the causes and treatments of craniofacial birth defects". Supported by New Zealand Dental Association.	Co- Investigator	\$10,400
2013 New Zealand	"The influence of enamel surface roughness on bacterial adhesion" Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust)	Co- Investigator	\$1,540
2013 New Zealand	"The influence of enamel surface roughness on bacterial adhesion" Supported by University of Otago Research Grant.	Co- Investigator	\$10,660
2013 New Zealand	"Growth factor expression in the rat Condyle: Implications for craniofacial development" Supported by New Zealand Dental Association.	Co- Investigator	\$14,042
2013 New Zealand	"The genetics of dentofacial growth anomalies" Supported by Emerging Researcher First Grants HRC.	Co- investigator Main Supervisor	\$149,462
2013 New Zealand	"The genetics of dentofacial growth anomalies" Supported by Maurice Phyllis Paykel Trust	Co- investigator Main Supervisor	\$3,000
2013 New Zealand	"Intra-oral monitoring of oral pH and bruxism" Supported by Lottery Health Grant.	Principal investigator	\$49,500
2013 New Zealand	"Intra-oral monitoring of oral pH and bruxism" Supported by University of Otago Research Grant.	Principal investigator	\$40,000
2013 New Zealand	"Intra-oral monitoring of oral pH and bruxism" Supported by the New Zealand Dental Association.	Principal investigator	\$15,000

2012 New Zealand	Mandibular Growth in 3D: CBCT Analysis in a Rabbit Model. Supported by the Fuller Grant and the New Zealand Association of Orthodontics.	Principal Supervisor	\$7,170
2012 New Zealand	Intraoral pressure changes upon varying the vertical facial dimension. Supported by the Fuller Grant and the New Zealand Association of Orthodontics.	Principal Supervisor	\$4130
2012 New Zealand	"Merging anatomical and fluorescence molecular imaging to investigate craniofacial growth". Supported by University of Otago Research Grant.	Principal investigator	\$35,000
2012 New Zealand	"Can we really grow mandibles? An appraisal of the validity of historical controls used in contemporary clinical trials". Supported by a Summer Studentship from the New Zealand Dental Association, Canterbury Branch.	Co-investigator Main Supervisor	\$4,000
2011 Australia	'Computer Aided Integrated Maxillofacial Surgery for Patients with Obstructive Sleep Apnea', University of Western Australia Research Collaboration Awards.	Co-investigator	€8,000
2011-2013 New Zealand	"The role of genetics in determining vertical craniofacial form". Supported by the New Zealand Dental Association.	Co-investigator Main Supervisor	€6,000
2011-2013 New Zealand	"Continuous measurement of salivary pH using a novel indwelling wireless intraoral pH telemetry". Supported by the New Zealand Dental Association	Principal Investigator	€9,200
2011-2013 New Zealand	"Predictive factors of orthodontic pain". Supported by Fuller Grant, University of Otago.	Co-investigator Main Supervisor	€2,000
2010-2012 New Zealand	"The effect of lip displacement on intra-oral pressures". Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust) and by Fuller Grant, University of Otago.	Co-investigator Main Supervisor	€3,700
2010-2012 New Zealand	"Impact of care-seeking behaviour on temporomandibular disorders". Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust) and by Fuller Grant, University of Otago.	Co-investigator Main Supervisor	€2,800
2010-2012 New Zealand	"Activity pattern of neck and trunk muscles during orthodontic work". Supported by New Zealand Association of Orthodontists, (FORENZAO Charitable Trust) and by Fuller Grant, University of Otago.	Co-investigator Main Supervisor	€1,800
2010-2011 New Zealand	"Three-dimensional evaluation of mandibular growth in rabbits". Supported by New Zealand Association of Orthodontists, FORENZAO Charitable Trust) and by a Summer Studentship, University of Otago.	Co-investigator Main Supervisor	€5,700
2010-2011 New Zealand	"Activity of neck and trunk muscles during controlled postural tasks" Supported by Summer Studentship from the University of Otago.	Co-investigator Main Supervisor	€2,500
2009-2010 New Zealand	"Variability in the human chewing pace". Supported by RC Tonkin Summer Studentship, University of Otago.	Co-investigator Main Supervisor	€2,500
2008 Switzerland	"Motor unit overuse as a possible cause of orofacial pain" funded by the Swiss National Science Foundation.	Principal Investigator	CHF 280,000
2007-2009 Italy	"From 2D to 3D cone beam cephalometric analysis. A multicenter study in growing subjects without malocclusion to provide normative values. Supported by Italian Ministry for Education,	Co-investigator	€120,000

	University and Research (MIUR) as Relevant National Research Project (PRIN).		
2005-2007 Italy	"Rapid versus slow palatal expansion: a multicentre randomized controlled trial." Supported as Relevant National Research Project (PRIN) by Italian Ministry for Education, University and Research (MIUR).	Principal Investigator	€63,000
2005-2007 Italy	"E-Trace: on-line system for cephalometric training" Supported by European Community, Minerva-Socrates Funds.	Co-investigator	€18,300
2004-2006 Italy	"Do functional appliances really stimulate mandibular growth? Supported by Italian Ministry for Education, University and Research as Relevant National Research Project (PRIN)	Co-investigator*	€104,000
2003-2004 Italy	"Telemetric EMG equipment for the treatment of jaw muscle pain and tension-type headache?" Supported Ministry for Education, University and Research (MIUR) as Relevant National Research Project (PRIN)	Co-investigator*	€46,000
2001-2003 Italy	"Posture, Spine and Malocclusion: is there a relationship?" Supported by Italian Ministry for Education, University and Research (MIUR) as Relevant National Research Project (PRIN)	Co-investigator*	€42,349
2000-2001 Italy	"Neural Network to support clinical decision making in orthodontics". Supported by Italian Ministry for Education, University and Research (MIUR) as Relevant National Research Project (PRIN)	Co-investigator	€33,570
2000-2001 Italy	"Sensory and motor changes in the human jaw muscles after application of experimental occlusal interferences". Supported by Italian Ministry for Education, University and Research (MIUR) as Relevant National Research Project (PRIN)	Co-investigator*	€20,658
1999-2000 Italy	"Habitual daily masseter activity of subjects with different vertical craniofacial morphology", supported by the grant "Progetto Giovani Ricercatori, University of Naples, Federico II.	Principal Investigator	€4,140
1999-2000 Italy	"An investigation of central and peripheral factors affecting pressure pain threshold of the masticatory muscles". Supported by "Regione Campania", "azione POP" funds	Co-investigator*	€21,200
	Total		1,230,269 € 1,990,968 \$
* For this project I played a major role in conceptualization, study design, and writing of the application.			

Publication list

A) Original articles in international peer-reviewed journals (Impact Factor according to JCR®).

Number	Reference	Impact Factor®
1.	Skilbeck MG, Cannon RD, Farella M , Mei L. The effect of surface roughening of orthodontic elastomers on hydrophobicity and in vitro adherence of Streptococcus gordonii. J Mech Behav Biomed Mater. 2023 May 12;143:105881.	
2.	Mei L, Kang A, Jin C, Farella M . An orthodontic tooth brushing technique to enhance oral hygiene in patients wearing fixed orthodontic appliances: A randomized controlled trial. Int J Dent Hyg. 2023 Apr 27. doi: 10.1111/idh.12686.	
3.	Mohammed H, Kumar R Jr, Bennani H, Perry J, Halberstadt JB, Farella M . Malocclusion severity and smile features: Is there an association? Am J Orthod Dentofacial Orthop. 2023 Feb 24;S0889-5406(23)00031-8. doi: 10.1016/j.ajodo.2022.10.023.	
4.	Wang D, Firth F, Bennani F, Farella M , Mei L. Immediate effect of clear aligners and fixed appliances on perioral soft tissues and speech. Orthod Craniofac Res. 2022 Dec 10. doi: 10.1111/ocr.12625.	
5.	Smith JM, Weir T, Kaang A, Farella M . Predictability of lower incisor tip using clear aligner therapy. Prog Orthod. 2022 Nov 7;23(1):37. doi: 10.1186/s40510-022-00433-4.	
6.	Yu WW, Goh R, Cheong E, Guan G, Jin C, Cannon RD, Farella M , Mei L. Prevalence of halitosis among young adults in Dunedin, New Zealand. Int J Dent Hyg. 2022 Nov;20(4):700-707. doi: 10.1111/idh.12609.	
7.	Kang A, Firth FA, Antoun J, Mei L, Ali A, Farella M . Three-dimensional digital assessment of typodont activations. Orthod Craniofac Res. 2023 May;26(2):285-296. doi: 10.1111/ocr.12611.	
8.	Mohammed H, Kumar R Jr, Bennani H, Halberstadt JB, Farella M . Automated detection of smiles as discrete episodes. J Oral Rehabil. 2022 Dec;49(12):1173-1180. doi: 10.1111/joor.13378.	
9.	Prasad, S., Denotti, G., & Farella, M. (2022). Effect of prior knowledge about treatment on cephalometric measurements. Journal of Orthodontics. Advance online publication.	
10.	Mohammed, H., Daniel, B. K., Skilbeck, M., Kumar, Jr, R., Halberstadt, J. B., & Farella, M. (2022). A qualitative meta-synthesis of research into patients' past experiences and perceptions of orthodontic treatment outcomes. European Journal of Orthodontics. Advance online publication. doi: 10.1093/ejo/cjac008	
11.	Leask, M., Carleton, C., Leeke, B., Newman, T., Antoun, J., Farella, M. , & Horsfield, J. (2021). Ribocetine rescues auranofin-induced craniofacial defects in zebrafish. Antioxidants, 10, 1964.	
12.	Olliver, S. J., Broadbent, J. M., Prasad, S., Cai, C., Thomson, W. M., & Farella, M. (2021). Changes in incisor relationship over the life course: Findings from a cohort study. Journal of Dentistry. Advance online publication.	
13.	Idris, G., Smith, C., Galland, B., Taylor, R., Robertson, C. J., & Farella, M. (2021). Home-based monitoring of eating in adolescents: A pilot study. Nutrients, 13(12), 4354.	

14.	Olliver S, Broadbent S, Prasad S, Thomson WM, Farella M . Changes in incisor relationship over the life course - Findings from a cohort study. Journal of Dentistry, accepted for publication, 2021	
15.	Hodgkinson D, Prasad S, Antoun JS, Mei L, Farella M . Biomechanical properties of the lips in a pre-orthodontic sample of adolescents and young adults. Eur J Orthod. 2021 Aug 17:cjab053.	
16.	Itskovich Y, Meikle MC, Cannon RD, Farella M , Coates DE, Milne TJ. Differential behaviour and gene expression in 3D cultures of femoral- and calvarial-derived human osteoblasts under a cyclic compressive mechanical load. Eur J Oral Sci. 2021 Jul 21.	
17.	Lin W, Farella M , Antoun JS, Topless RK, Merriman TR, Michelotti A. Factors associated with orthodontic pain. J Oral Rehabil. 2021 Oct;48(10):1135-1143.	
18.	Lim N, Bennani F, Mei L, Thomson WM, Farella M , Antoun A. Orthodontic screening and referral practices of dental therapists in New Zealand Australasian Orthodontic Journal 2021,2,158-169	
19.	Ramanan D, Palla S, Bennani H, Polonowita A, Farella M . Oral behaviours and wake-time masseter activity in patients with masticatory muscle pain. J Oral Rehabil. 2021 Sep;48(9):979-988.	
20.	Torkan S, Firth F, Fleming PS, Kravitz ND, Farella M , Huang GJ. Retention: taking a more active role. Br Dent J. 2021 Jun;230(11):731-738.	
21.	Skillbeck MG, Mei L, Mohammed H, Cannon RD, Farella M . The effect of ligation methods on biofilm formation in patients undergoing multi-bracketed fixed orthodontic therapy - A systematic review. Orthod Craniofac Res. 2021 May 27.	
22.	Prasad S, Ramanan D, Bennani H, Paulin M, Cannon RD, Palla S, Farella M . Associations among Masticatory Muscle Activity, Physical Activity and Self-reported Oral Behaviours in adult women. Clinical Oral Investigations, 2021. <i>Accepted for publication.</i>	2.812
23.	Idris G, Galland B, Smith C, Taylor R, Robertson C, Farella M . Relationship between chewing features and body mass index in young adolescents. Pediatric Obesity 2020. <i>Accepted for publication</i>	3.713
24.	Prasad S, Farella M , Paulin M, Yao S, Zhu Y, van Vuuren LJ. Effect of electrode characteristics on electromyographic activity of the masseter muscle. J Electromyogr Kinesiol. 2021 Feb;56:102492.	1.740
25.	Kang A, Musilli M, Farella M . The six geometries revisited. Korean J Orthod 2020; 50:356-359. (Short Article)	0.841
26.	Al-Ani AH, Antoun JS, Thomson WM, Merriman TR, Farella M . Common variants of EDA are associated with non-syndromic hypodontia. Orthod Craniofac Res. 2020 Aug 9. doi: 10.1111/ocr.12419. Epub ahead of print. PMID: 32772440.	1.455
27.	* Olliver SJ, Broadbent JM, Thomson WM, Farella M . Occlusal Features and TMJ Clicking: A 30-Year Evaluation from a Cohort Study. J Dent Res. 2020; 99:1245-1251.	5.125
28.	Firth FA, Milne TJ, Seo B, Farella M . An in-vitro mechanical strain three-dimensional culture model: periodontal ligament cell viability, apoptosis, and endoplasmic reticulum stress response. Eur J Oral Sci. 2020;128(2):120-127.	2.22

29.	Au J, Mei L, Bennani F, Kang A, Farella M . Three-dimensional Analysis of Lip Changes in Response to Simulated Maxillary Incisor Advancement". Angle Orthodontist, 2020; 90:118-124.	1.592
30.	Lee S, Firth F, Bennani F, Harding F, Farella M , Antoun JS. Evaluation of objective and subjective treatment outcomes in orthodontic cases treated with extraction of a mandibular incisor. Angle Orthodontist, 2019; 89:862-867.	1.592
31.	Benic GZ, Farella M , Morgan XC, Viswam J, Heng NC, Cannon RD, Mei L. Oral probiotics reduce halitosis in patients wearing orthodontic braces: a randomized, triple-blind, placebo-controlled trial. J Breath Res. 2019;13(3):036010.	3.489
32.	Benson PE, Gilchris T, Farella M The Malocclusion Impact Questionnaire (MIQ) - cross-sectional validation in a group of young people seeking orthodontic treatment in New Zealand. Dentistry Journal 2019;7:24.	N/A
33.	Prasad, S., Paulin, M., Cannon, R. D., Palla, S., Farella, M . Smartphone-assisted monitoring of masticatory muscle activity in freely moving individuals. Clinical Oral Investigations, 2019;23:3601:3611.	2.812
34.	Al-Dujaili, M., Milne, T. J., Cannon, R. D., Farella, M . Postnatal expression of chondrogenic and osteogenic regulatory factor mRNA in the rat condylar cartilage. Archives of Oral Biology 2018;93, 126-132.	2.050
35.	Chen, L., Liversidge, H., Chen, K., Farella, M , Sassani, S., Patel, D., Brook, A. Delay in dental development and variations in root morphology are outcomes of the complex adaptive system associated with the numerical variation of hypodontia. International Journal of Design & Nature & Ecodynamics 2018; 13(1), 101-106.	N/A
36.	Patel D, Sassani S, Farella M , Ranjitkar S, Yong R, Swindells S, Brook A. variations in dental arch morphology are outcomes of the complex adaptive system associated with the developmental variation of hypodontia. Int. J. of Design & Nature and Ecodynamics. Vol. 13, No. 1 2018: 107-113.	N/A
37.	Sassani S, Patel D, Farella M , Henneberg M, Ranjitkar S, Yong R, Swindells S, Brook AH. Variation in tooth crown size and shape are outcomes of the complex adaptive system associated with the tooth number variation of hypodontia. Int. J. of Design & Nature and Ecodynamics. Vol. 13, No. 1 (2018) 114–120.	N/A
38.	Idris, G., Galland, B., Robertson, C. J., Gray, A., Farella, M . Mandibular advancement appliances for sleep-disordered breathing in children: A randomized crossover clinical trial. Journal of Dentistry 2018; 71, 9-17.	3.77
39.	Jin, C., Bennani, F., Gray, A., Farella, M , & Mei, L. Survival analysis of orthodontic retainers. European Journal of Orthodontics 2018; 40(5), 531-536.	2.033
40.	Ma, Q., Bimal, P., Mei, L., Olliver, S., Farella, M , & Li, H. Temporomandibular condylar morphology in diverse maxillary–mandibular skeletal patterns: A 3-dimensional cone-beam computed tomography study. Journal of the American Dental Association 2018;149(7), 589-598	2.486
41.	Ma, R., Hwang, K.-C., Murray, C., Thomson, W. M., Farella, M , & Mei, L. Clinical dental noise and its association with the hearing thresholds of New Zealand dental students and clinical staff. New Zealand Dental Journal, 2018;114(2), 73-78.	N/A

42.	Nichols, G. A. L., Antoun, J. S., Fowler, P. V., Al-Ani, A. H., Farella, M Long-term changes in oral health-related quality of life of standard, cleft, and surgery patients after orthodontic treatment: A longitudinal study. American Journal of Orthodontics & Dentofacial Orthopedics, 2018; 153(2), 224-231.	1.842
43.	Sew Hoy, W., Antoun, J., Lin, W., Chandler, N., Merriman, T., Farella, M . Ecological momentary assessment of pain in adolescents undergoing orthodontic treatment using a smartphone app. Seminars in Orthodontics 2018; 24:209-216	0.465
44.	Al Balushi, S., Mei, L., Farella, M . Patient's satisfaction with orthodontic care from an academic clinical service. New Zealand Dental Journal 2017; 113(4), 13-20.	N/A
45.	* Al-Ani, A. H., Antoun, J. S., Thomson, W. M., Merriman, T. R., Farella, M Maternal smoking during pregnancy is associated with offspring hypodontia. Journal of Dental Research, 2017; 96(9), 1014-1019. *	5.38
46.	Antoun, J. S., Mei, L., Gibbs, K., Farella, M . Effect of orthodontic treatment on the periodontal tissues. Periodontology 2000, 2017;74(1), 140-157.	6.22
47.	Mei, L., Chieng, J., Wong, C., Benic, G. Z., Farella, M . Factors affecting dental biofilm in patients wearing fixed orthodontic appliances. Progress in Orthodontics 2017, 18(1), 4	1.25
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Mauro Farella has authored or co-authored over thirty abstracts of lectures or posters, which have been published in the proceedings of Italian congresses. The list can be provided on request.