Timo PeltomÃ¤ki

List of Publications by Year
in descending order

72 papers	1,969 citations	257450 24 h-index	254184 43 g-index
72 all docs	72 docs citations	72 times ranked	1535 citing authors

#	Article	IF	Citations
1	Effects of force magnitude on dental arches in cervical headgear therapy. European Journal of Orthodontics, 2022, 44, 146-154.	2.4	0
2	Does orthognathic treatment improve patientsâ€™ psychosocial well-being?. Acta Odontologica Scandinavica, 2022, 80, 177-181.	1.6	0
3	Self-perception of orofacial appearance: Brazilâ€“Finland cross-national study. Acta Odontologica Scandinavica, 2022, 80, 626-634.	1.6	2
4	Academic experience satisfaction of pharmacy and dentistry students. Pharmacy Education, 2022, 22, 503-514.	0.6	0
5	Mandibular movements in children with deciduous and mixed dentition and in young adults with permanent dentitionâ€”the association between movements and occlusal traits. European Journal of Orthodontics, 2021, 43, 338-345.	2.4	1
6	Snoring toddlers with and without obstructive sleep apnoea differed with regard to snoring time, adenoid size and mouth breathing. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 977-984.	1.5	2
7	The impact of force magnitude on the first and second maxillary molars in cervical headgear therapy. European Journal of Orthodontics, 2021, 43, 648-657.	2.4	2
8	Late adverse effects of childhood acute lymphoblastic leukemia treatment on developing dentition. Pediatric Blood and Cancer, 2021, 68, e29200.	1.5	4
9	Orofacial Esthetic Scale and Psychosocial Impact of Dental Aesthetics Questionnaire: development and psychometric properties of the Finnish version. Acta Odontologica Scandinavica, 2021, 79, 335-343.	1.6	8
10	Use of Oral Health Impact Profile-14 (OHIP-14) in Different Contexts. What Is Being Measured?. International Journal of Environmental Research and Public Health, 2021, 18, 13412.	2.6	40
11	Association between quality of life and severity of profile deviation in prospective orthognathic patients. European Journal of Orthodontics, 2020, 42, 290-294.	2.4	5
12	Treatment outcome with orthodontic aligners and fixed appliances: a systematic review with meta-analyses. European Journal of Orthodontics, 2020, 42, 331-343.	2.4	95
13	Randomized controlled and doubleâ€blinded study of Caphosol versus saline oral rinses in pediatric patients with cancer. Pediatric Blood and Cancer, 2020, 67, e28520.	1.5	3
14	Is securing normal dentofacial development an indication for tonsil surgery in children? A systematic review and meta-analysis. International Journal of Pediatric Otorhinolaryngology, 2020, 133, 110006.	1.0	4
15	Quality of life several years after orthodontic-surgical treatment with bilateral sagittal split osteotomy. Acta Odontologica Scandinavica, 2020, 78, 358-361.	1.6	6
16	Comment on: Treatment outcome with orthodontic aligners and fixed appliances: a systematic review with meta-analyses. European Journal of Orthodontics, 2020, 42, 344-346.	2.4	5
17	Occlusal traits, orthodontic treatment need and treatment complexity among untreated 17â€“21-year-olds in Estonia. Acta Odontologica Scandinavica, 2019, 77, 44-48.	1.6	1
18	Adherence to instructions and fluctuation of force magnitude in cervical headgear therapy. Angle Orthodontist, 2019, 89, 268-274.	2.4	8

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19	Impact of force magnitude on effectiveness in cervical headgear therapy: a cephalometric analysis. European Journal of Orthodontics, 2019, 41, 646-651.	2.4	5
20	Temporomandibular disorders in Class II malocclusion patients after surgical mandibular advancement treatment as compared to nonâ€treated patients. Journal of Oral Rehabilitation, 2019, 46, 605-610.	3.0	9
21	Occlusal traits of 4â€“5â€yearâ€old Estonians. Parents' perception of orthodontic treatment need and satisfaction with dental appearance. Clinical and Experimental Dental Research, 2019, 5, 199-204.	1.9	4
22	Effect of Maxillomandibular Advancement Surgery on Pharyngeal Airway Volume and Polysomnography Data in Obstructive Sleep Apnea Patients. Journal of Oral and Maxillofacial Surgery, 2019, 77, 1695-1702.	1.2	9
23	Craniofacial and occlusal development in 2.5-year-old children with obstructive sleep apnoea syndrome. European Journal of Orthodontics, 2019, 41, 316-321.	2.4	8
24	Association between snoring and deciduous dental development and soft tissue profile in 3-year-old children. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 156, 840-845.	1.7	4
25	Standardizing Terminology and Assessment for Orofacial Conditions in Juvenile Idiopathic Arthritis: International, Multidisciplinary Consensus-based Recommendations. Journal of Rheumatology, 2019, 46, 518-522.	2.0	43
26	Long-term stability of mandibular advancement with bilateral sagittal split osteotomy. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 1421-1426.	1.7	17
27	Clinical Orofacial Examination in Juvenile Idiopathic Arthritis: International Consensus-based Recommendations for Monitoring Patients in Clinical Practice and Research Studies. Journal of Rheumatology, 2017, 44, 326-333.	2.0	69
28	Duration of orthognathic-surgical treatment. Acta Odontologica Scandinavica, 2017, 75, 372-375.	1.6	9
29	Introduction and assessment of orthognathic information clinic. European Journal of Orthodontics, 2017, 39, 660-664.	2.4	8
30	Symptoms in the masticatory system and related quality of life in prospective orthognathic patients. Acta Odontologica Scandinavica, 2017, 75, 402-406.	1.6	3
31	Occlusal traits and orthodontic treatment need in 7â€to 10â€yearâ€olds in Estonia. Clinical and Experimental Dental Research, 2017, 3, 93-99.	1.9	8
32	Self-reported temporomandibular disorder symptoms and severity of malocclusion in prospective orthognathic-surgical patients. Acta Odontologica Scandinavica, 2016, 74, 466-470.	1.6	11
33	Evaluation of a novel repetitive gas-enhanced permeation test for restoration leakage determination after thermo-mechanical loading. Acta Odontologica Scandinavica, 2016, 74, 202-209.	1.6	0
34	New perspectives on the relationship between mandibular and statural growth. European Journal of Orthodontics, 2016, 38, 13-21.	2.4	8
35	Craniofacial growth and dento-alveolar development in juvenile idiopathic arthritis patients. Seminars in Orthodontics, 2015, 21, 84-93.	1.4	18
36	Comparison of three in vitro implant leakage testing methods. Clinical Oral Implants Research, 2015, 26, e1-e7.	4.5	11

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37	Assessing the length of the mandibular ramus and the condylar process: a comparison of OPG, CBCT, CT, MRI, and lateral cephalometric measurements. European Journal of Orthodontics, 2015, 37, 13-21.	2.4	51
38	Impact of Dynamic Loading on the Implant-abutment Interface Using a Gas-enhanced Permeation Test In Vitro. Open Dentistry Journal, 2015, 9, 112-119.	0.5	2
39	Psychosocial well-being of prospective orthognathic-surgical patients. Acta Odontologica Scandinavica, 2014, 72, 887-897.	1.6	22
40	Position paper from the IBRA Symposium on Surgery of the Head â€" The 2nd International Symposium for Condylar Fracture Osteosynthesis, Marseille, France 2012. Journal of Cranio-Maxillo-Facial Surgery, 2014, 42, 1234-1249.	1.7	70
41	Laboratory validation of a new gas-enhanced dentine liquid permeation evaluation system. Clinical Oral Investigations, 2014, 18, 2067-2075.	3.0	3
42	The inclination of mandibular incisors revisited. Angle Orthodontist, 2014, 84, 109-119.	2.4	20
43	Illusions of fusions: Assessing cervical vertebral fusion on lateral cephalograms, multidetector computed tomographs, and cone-beam computed tomographs. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 143, 213-220.	1.7	9
44	Occurrence of Cervical Invasive Root Resorption in First and Second Molar Teeth of Orthodontic Patients Eight Years after Bracket Removal. Journal of Endodontics, 2013, 39, 27-30.	3.1	15
45	Evaluating the agreement of skeletal age assessment based on hand-wrist and cervical vertebrae radiography. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 144, 838-847.	1.7	48
46	Tooth wear and dentoalveolar remodeling are key factors of morphological variation in the Dmanisi mandibles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17278-17283.	7.1	32
47	Is the use of the cervical vertebrae maturation method justified to determine skeletal age? A comparison of radiation dose of two strategies for skeletal age estimation. European Journal of Orthodontics, 2013, 35, 604-609.	2.4	35
48	Cervical vertebrae anomalies in subjects with Class II malocclusion assessed by lateral cephalogram and cone beam computed tomography. European Journal of Orthodontics, 2012, 34, 226-231.	2.4	17
49	Long-term stability of anterior open bite closure corrected by surgical-orthodontic treatment. European Journal of Orthodontics, 2012, 34, 238-243.	2.4	33
50	Accuracy of cone-beam computed tomography at different resolutions assessed on the bony covering of the mandibular anterior teeth. American Journal of Orthodontics and Dentofacial Orthopedics, 2012, 141, 41-50.	1.7	147
51	Early diagnosis of temporomandibular joint involvement in juvenile idiopathic arthritis: a pilot study comparing clinical examination and ultrasound to magnetic resonance imaging. Rheumatology, 2009, 48, 680-685.	1.9	194
52	Reliability of growth prediction with hand-wrist radiographs. European Journal of Orthodontics, 2009, 31, 438-442.	2.4	25
53	Abnormal mandibular growth and the condylar cartilage. European Journal of Orthodontics, 2009, 31, 1-11.	2.4	82
54	Duration of surgical-orthodontic treatment. Acta Odontologica Scandinavica, 2008, 66, 274-277.	1.6	7

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55	The Importance of Vector Selection in Preoperative Planning of Unilateral Mandibular Distraction. Plastic and Reconstructive Surgery, 2008, 121, 2084-2092.	1.4	31
56	The effect of mode of breathing on craniofacial growth--revisited. European Journal of Orthodontics, 2007, 29, 426-429.	2.4	145
57	Acoustic Comparison of Vowel Sounds Produced Before and After Orthognathic Surgery for Mandibular Advancement. Journal of Oral and Maxillofacial Surgery, 2006, 64, 910-916.	1.2	38
58	Mandibular asymmetry in healthy children. Acta Odontologica Scandinavica, 2005, 63, 168-172.	1.6	57
59	Bonding polycarbonate brackets to ceramic: Effects of substrate treatment on bond strength. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 126, 220-227.	1.7	57
60	Feasibility and long-term stability of surgically assisted rapid maxillary expansion with lateral osteotomy. European Journal of Orthodontics, 2004, 26, 391-395.	2.4	93
61	Absence of facial type differences among preschool children with sleep-related breathing disorder. Acta Odontologica Scandinavica, 2003, 61, 65-71.	1.6	15
62	Molding of the Regenerate in Mandibular Distraction: Clinical Experience. Plastic and Reconstructive Surgery, 2003, 112, 1239-1246.	1.4	45
63	Moulding of the generate to control open bite during mandibular distraction osteogenesis. European Journal of Orthodontics, 2002, 24, 639-645.	2.4	22
64	Histology of surgically removed overgrown osteochondral rib grafts. Journal of Cranio-Maxillo-Facial Surgery, 2002, 30, 355-360.	1.7	22
65	Cephalometric evaluation of facial types in preschool children without sleep-related breathing disorder. International Journal of Pediatric Otorhinolaryngology, 2002, 63, 119-127.	1.0	17
66	The effect of a unilateral costochondral graft on the growth of the marmoset mandible. Journal of Oral and Maxillofacial Surgery, 2002, 60, 1307-1314.	1.2	35
67	Osteoblastic activity of the rabbit temporomandibular joint during distraction osteogenesis assessed by [18 F]fluoride positron emission tomography. European Journal of Oral Sciences, 2002, 110, 144-148.	1.5	12
68	Associations Between Severity of Clefting and Maxillary Growth in Patients With Unilateral Cleft Lip and Palate Treated With Infant Orthopedics. Cleft Palate-Craniofacial Journal, 2001, 38, 582-586.	0.9	57
69	CRANIOFACIAL SHORTENING BY CONTRACTION OSTEOGENESIS: AN EXPERIMENTAL MODEL. Plastic and Reconstructive Surgery, 2000, 106, 1657-1658.	1.4	0
70	Histologic Structure of Human Costochondral Junction. Plastic and Reconstructive Surgery, 1994, 94, 585-588.	1.4	17
71	Growth of Costochondral Fragments Transplanted from Mature to Young Isogeneic Rats. Cleft Palate-Craniofacial Journal, 1993, 30, 159-163.	0.9	3
72	Growth of a costochondral graft in the rat temporomandibular joint. Journal of Oral and Maxillofacial Surgery, 1992, 50, 851-857.	1.2	61