

Timo Peltomäki

List of Publications by Year in descending order

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Version: 2024-02-01

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	Early diagnosis of temporomandibular joint involvement in juvenile idiopathic arthritis: a pilot study comparing clinical examination and ultrasound to magnetic resonance imaging. <i>Rheumatology</i> , 2009, 48, 680-685.	1.9	194
2	Accuracy of cone-beam computed tomography at different resolutions assessed on the bony covering of the mandibular anterior teeth. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 141, 41-50.	1.7	147
3	The effect of mode of breathing on craniofacial growth--revisited. <i>European Journal of Orthodontics</i> , 2007, 29, 426-429.	2.4	145
4	Treatment outcome with orthodontic aligners and fixed appliances: a systematic review with meta-analyses. <i>European Journal of Orthodontics</i> , 2020, 42, 331-343.	2.4	95
5	Feasibility and long-term stability of surgically assisted rapid maxillary expansion with lateral osteotomy. <i>European Journal of Orthodontics</i> , 2004, 26, 391-395.	2.4	93
6	Abnormal mandibular growth and the condylar cartilage. <i>European Journal of Orthodontics</i> , 2009, 31, 1-11.	2.4	82
7	Position paper from the IBRA Symposium on Surgery of the Head – The 2nd International Symposium for Condylar Fracture Osteosynthesis, Marseille, France 2012. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1234-1249.	1.7	70
8	Clinical Orofacial Examination in Juvenile Idiopathic Arthritis: International Consensus-based Recommendations for Monitoring Patients in Clinical Practice and Research Studies. <i>Journal of Rheumatology</i> , 2017, 44, 326-333.	2.0	69
9	Growth of a costochondral graft in the rat temporomandibular joint. <i>Journal of Oral and Maxillofacial Surgery</i> , 1992, 50, 851-857.	1.2	61
10	Associations Between Severity of Clefting and Maxillary Growth in Patients With Unilateral Cleft Lip and Palate Treated With Infant Orthopedics. <i>Cleft Palate-Craniofacial Journal</i> , 2001, 38, 582-586.	0.9	57
11	Bonding polycarbonate brackets to ceramic: Effects of substrate treatment on bond strength. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2004, 126, 220-227.	1.7	57
12	Mandibular asymmetry in healthy children. <i>Acta Odontologica Scandinavica</i> , 2005, 63, 168-172.	1.6	57
13	Assessing the length of the mandibular ramus and the condylar process: a comparison of OPG, CBCT, CT, MRI, and lateral cephalometric measurements. <i>European Journal of Orthodontics</i> , 2015, 37, 13-21.	2.4	51
14	Evaluating the agreement of skeletal age assessment based on hand-wrist and cervical vertebrae radiography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 838-847.	1.7	48
15	Molding of the Regenerate in Mandibular Distraction: Clinical Experience. <i>Plastic and Reconstructive Surgery</i> , 2003, 112, 1239-1246.	1.4	45
16	Standardizing Terminology and Assessment for Orofacial Conditions in Juvenile Idiopathic Arthritis: International, Multidisciplinary Consensus-based Recommendations. <i>Journal of Rheumatology</i> , 2019, 46, 518-522.	2.0	43
17	Use of Oral Health Impact Profile-14 (OHIP-14) in Different Contexts. What Is Being Measured?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13412.	2.6	40
18	Acoustic Comparison of Vowel Sounds Produced Before and After Orthognathic Surgery for Mandibular Advancement. <i>Journal of Oral and Maxillofacial Surgery</i> , 2006, 64, 910-916.	1.2	38

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19	The effect of a unilateral costochondral graft on the growth of the marmoset mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 1307-1314.	1.2	35
20	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. <i>European Journal of Orthodontics</i> , 2013, 35, 604-609.	2.4	35
21	Long-term stability of anterior open bite closure corrected by surgical-orthodontic treatment. <i>European Journal of Orthodontics</i> , 2012, 34, 238-243.	2.4	33
22	Tooth wear and dentoalveolar remodeling are key factors of morphological variation in the Dmanisi mandibles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17278-17283.	7.1	32
23	The Importance of Vector Selection in Preoperative Planning of Unilateral Mandibular Distraction. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 2084-2092.	1.4	31
24	Reliability of growth prediction with hand-wrist radiographs. <i>European Journal of Orthodontics</i> , 2009, 31, 438-442.	2.4	25
25	Moulding of the palate to control open bite during mandibular distraction osteogenesis. <i>European Journal of Orthodontics</i> , 2002, 24, 639-645.	2.4	22
26	Histology of surgically removed overgrown osteochondral rib grafts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2002, 30, 355-360.	1.7	22
27	Psychosocial well-being of prospective orthognathic-surgical patients. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 887-897.	1.6	22
28	The inclination of mandibular incisors revisited. <i>Angle Orthodontist</i> , 2014, 84, 109-119.	2.4	20
29	Craniofacial growth and dento-alveolar development in juvenile idiopathic arthritis patients. <i>Seminars in Orthodontics</i> , 2015, 21, 84-93.	1.4	18
30	Histologic Structure of Human Costochondral Junction. <i>Plastic and Reconstructive Surgery</i> , 1994, 94, 585-588.	1.4	17
31	Cephalometric evaluation of facial types in preschool children without sleep-related breathing disorder. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2002, 63, 119-127.	1.0	17
32	Cervical vertebrae anomalies in subjects with Class II malocclusion assessed by lateral cephalogram and cone beam computed tomography. <i>European Journal of Orthodontics</i> , 2012, 34, 226-231.	2.4	17
33	Long-term stability of mandibular advancement with bilateral sagittal split osteotomy. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 1421-1426.	1.7	17
34	Absence of facial type differences among preschool children with sleep-related breathing disorder. <i>Acta Odontologica Scandinavica</i> , 2003, 61, 65-71.	1.6	15
35	Occurrence of Cervical Invasive Root Resorption in First and Second Molar Teeth of Orthodontic Patients Eight Years after Bracket Removal. <i>Journal of Endodontics</i> , 2013, 39, 27-30.	3.1	15
36	Osteoblastic activity of the rabbit temporomandibular joint during distraction osteogenesis assessed by [¹⁸ F]fluoride positron emission tomography. <i>European Journal of Oral Sciences</i> , 2002, 110, 144-148.	1.5	12

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37	Comparison of three <i>in vitro</i> implant leakage testing methods. <i>Clinical Oral Implants Research</i> , 2015, 26, e1-e7.	4.5	11
38	Self-reported temporomandibular disorder symptoms and severity of malocclusion in prospective orthognathic-surgical patients. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 466-470.	1.6	11
39	Illusions of fusions: Assessing cervical vertebral fusion on lateral cephalograms, multidetector computed tomographs, and cone-beam computed tomographs. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 143, 213-220.	1.7	9
40	Duration of orthognathic-surgical treatment. <i>Acta Odontologica Scandinavica</i> , 2017, 75, 372-375.	1.6	9
41	Temporomandibular disorders in Class II malocclusion patients after surgical mandibular advancement treatment as compared to non-treated patients. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 605-610.	3.0	9
42	Effect of Maxillomandibular Advancement Surgery on Pharyngeal Airway Volume and Polysomnography Data in Obstructive Sleep Apnea Patients. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019, 77, 1695-1702.	1.2	9
43	New perspectives on the relationship between mandibular and statural growth. <i>European Journal of Orthodontics</i> , 2016, 38, 13-21.	2.4	8
44	Introduction and assessment of orthognathic information clinic. <i>European Journal of Orthodontics</i> , 2017, 39, 660-664.	2.4	8
45	Occlusal traits and orthodontic treatment need in 7- to 10-year-olds in Estonia. <i>Clinical and Experimental Dental Research</i> , 2017, 3, 93-99.	1.9	8
46	Adherence to instructions and fluctuation of force magnitude in cervical headgear therapy. <i>Angle Orthodontist</i> , 2019, 89, 268-274.	2.4	8
47	Craniofacial and occlusal development in 2.5-year-old children with obstructive sleep apnoea syndrome. <i>European Journal of Orthodontics</i> , 2019, 41, 316-321.	2.4	8
48	Orofacial Esthetic Scale and Psychosocial Impact of Dental Aesthetics Questionnaire: development and psychometric properties of the Finnish version. <i>Acta Odontologica Scandinavica</i> , 2021, 79, 335-343.	1.6	8
49	Duration of surgical-orthodontic treatment. <i>Acta Odontologica Scandinavica</i> , 2008, 66, 274-277.	1.6	7
50	Quality of life several years after orthodontic-surgical treatment with bilateral sagittal split osteotomy. <i>Acta Odontologica Scandinavica</i> , 2020, 78, 358-361.	1.6	6
51	Impact of force magnitude on effectiveness in cervical headgear therapy: a cephalometric analysis. <i>European Journal of Orthodontics</i> , 2019, 41, 646-651.	2.4	5
52	Association between quality of life and severity of profile deviation in prospective orthognathic patients. <i>European Journal of Orthodontics</i> , 2020, 42, 290-294.	2.4	5
53	Comment on: Treatment outcome with orthodontic aligners and fixed appliances: a systematic review with meta-analyses. <i>European Journal of Orthodontics</i> , 2020, 42, 344-346.	2.4	5
54	Occlusal traits of 4- to 5-year-old Estonians. Parents' perception of orthodontic treatment need and satisfaction with dental appearance. <i>Clinical and Experimental Dental Research</i> , 2019, 5, 199-204.	1.9	4

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55	Association between snoring and deciduous dental development and soft tissue profile in 3-year-old children. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019, 156, 840-845.	1.7	4
56	Is securing normal dentofacial development an indication for tonsil surgery in children? A systematic review and meta-analysis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 133, 110006.	1.0	4
57	Late adverse effects of childhood acute lymphoblastic leukemia treatment on developing dentition. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29200.	1.5	4
58	Growth of Costochondral Fragments Transplanted from Mature to Young Isogeneic Rats. <i>Cleft Palate-Craniofacial Journal</i> , 1993, 30, 159-163.	0.9	3
59	Laboratory validation of a new gas-enhanced dentine liquid permeation evaluation system. <i>Clinical Oral Investigations</i> , 2014, 18, 2067-2075.	3.0	3
60	Symptoms in the masticatory system and related quality of life in prospective orthognathic patients. <i>Acta Odontologica Scandinavica</i> , 2017, 75, 402-406.	1.6	3
61	Randomized controlled and double-blind study of Caphosol versus saline oral rinses in pediatric patients with cancer. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28520.	1.5	3
62	Snoring toddlers with and without obstructive sleep apnoea differed with regard to snoring time, adenoid size and mouth breathing. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 977-984.	1.5	2
63	The impact of force magnitude on the first and second maxillary molars in cervical headgear therapy. <i>European Journal of Orthodontics</i> , 2021, 43, 648-657.	2.4	2
64	Impact of Dynamic Loading on the Implant-abutment Interface Using a Gas-enhanced Permeation Test In Vitro. <i>Open Dentistry Journal</i> , 2015, 9, 112-119.	0.5	2
65	Self-perception of orofacial appearance: Brazil–Finland cross-national study. <i>Acta Odontologica Scandinavica</i> , 2022, 80, 626-634.	1.6	2
66	Occlusal traits, orthodontic treatment need and treatment complexity among untreated 17–21-year-olds in Estonia. <i>Acta Odontologica Scandinavica</i> , 2019, 77, 44-48.	1.6	1
67	Mandibular movements in children with deciduous and mixed dentition and in young adults with permanent dentition—the association between movements and occlusal traits. <i>European Journal of Orthodontics</i> , 2021, 43, 338-345.	2.4	1
68	CRANIOFACIAL SHORTENING BY CONTRACTION OSTEOGENESIS: AN EXPERIMENTAL MODEL. <i>Plastic and Reconstructive Surgery</i> , 2000, 106, 1657-1658.	1.4	0
69	Evaluation of a novel repetitive gas-enhanced permeation test for restoration leakage determination after thermo-mechanical loading. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 202-209.	1.6	0
70	Effects of force magnitude on dental arches in cervical headgear therapy. <i>European Journal of Orthodontics</i> , 2022, 44, 146-154.	2.4	0
71	Does orthognathic treatment improve patients' psychosocial well-being?. <i>Acta Odontologica Scandinavica</i> , 2022, 80, 177-181.	1.6	0
72	Academic experience satisfaction of pharmacy and dentistry students. <i>Pharmacy Education</i> , 2022, 22, 503-514.	0.6	0