Chihiro Tanikawa

List of Publications by Year
in descending order

41 papers	325 citations	1040056 9 h-index	940533 16 g-index
41 all docs	41 docs citations	41 times ranked	238 citing authors

#	Article	IF	Citations
1	Prognostic Factors for Orthognathic Surgery in Children With Cleft Lip and/or Palate: Dentition and Palatal Morphology. Cleft Palate-Craniofacial Journal, 2023, 60, 1556-1564.	0.9	2
2	Comparison of clinical outcomes between Invisalign and conventional fixed appliance therapies in adult patients with severe deep overbite treated with nonextraction. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 161, 542-547.	1.7	8
3	The validation of orthodontic artificial intelligence systems that perform orthodontic diagnoses and treatment planning. European Journal of Orthodontics, 2022, 44, 436-444.	2.4	3
4	A three-dimensional cephalometric analysis of Japanese adults and its usefulness in orthognathic surgery: A retrospective study. Journal of Cranio-Maxillo-Facial Surgery, 2022, 50, 353-363.	1.7	8
5	Determination of prognostic factors for orthognathic surgery in children with cleft lip and/or palate. Orthodontics and Craniofacial Research, 2021, 24, 153-162.	2.8	8
6	Impairment in facial expression generation in patients with repaired unilateral cleft lip: Effects of the physical properties of facial soft tissues. PLoS ONE, 2021, 16, e0249961.	2.5	3
7	Evaluation of Facial Appearanceâ€"Related Quality of Life in Young Japanese Patients With Cleft Lip and/or Palate. Cleft Palate-Craniofacial Journal, 2021, , 105566562110232.	0.9	0
8	Clinical applicability of automated cephalometric landmark identification: Part Iâ€"Patientâ€related identification errors. Orthodontics and Craniofacial Research, 2021, 24, 43-52.	2.8	10
9	Clinical applicability of automated cephalometric landmark identification: Part II â€" Number of images needed to reâ€learn various quality of images. Orthodontics and Craniofacial Research, 2021, , .	2.8	1
10	Development of novel artificial intelligence systems to predict facial morphology after orthognathic surgery and orthodontic treatment in Japanese patients. Scientific Reports, 2021, 11, 15853.	3.3	33
11	Population affinity and variation of sexual dimorphism in three-dimensional facial forms: comparisons between Turkish and Japanese populations. Scientific Reports, 2021, 11, 16634.	3.3	6
12	Machine Learning for Facial Recognition in Orthodontics. , 2021, , 55-65.		1
13	Comparison of 3â€D mandibular surfaces generated by MRI and CT. Orthodontics and Craniofacial Research, 2021, , .	2.8	2
14	Surface-based 3-dimensional cephalometry: An objective analysis of cranio-mandibular morphology. American Journal of Orthodontics and Dentofacial Orthopedics, 2020, 158, 535-546.	1.7	3
15	Three-dimensional changes in the craniofacial complex associated with soft-diet feeding. European Journal of Orthodontics, 2020, 42, 509-516.	2.4	6
16	Functional decline in facial expression generation in older women: A cross-sectional study using three-dimensional morphometry. PLoS ONE, 2019, 14, e0219451.	2.5	9
17	Quantifying faces three-dimensionally in orthodontic practice. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 867-875.	1.7	8
18	The Elimination of Dental Crowding and Development of a Proper Dental Arch by Maxillary Anterior Segmental Distraction Osteogenesis for a Patient With UCLP. Cleft Palate-Craniofacial Journal, 2019, 56, 978-985.	0.9	5

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19	Test-retest reliability of smile tasks using three-dimensional facial topography. Angle Orthodontist, 2018, 88, 319-328.	2.4	13
20	Dentofacial characteristics in a patient with Aarskogâ€“Scott syndrome. Orthodontic Waves, 2018, 77, 150-155.	0.2	0
21	Efficacy of Maxillary Anterior Segmental Distraction Osteogenesis in Patients With Cleft Lip and Palate. Cleft Palate-Craniofacial Journal, 2018, 55, 1375-1381.	0.9	12
22	Adult patient with bilateral cleft lip and palate treated using bone graft followed by lateral distraction: A case report. Orthodontic Waves, 2018, 77, 232-239.	0.2	0
23	Effects of the physical properties of facial soft tissues on facial displacement during smiling in patients with repaired unilateral cleft lips or palates. The Journal of Japanese Society of Stomatognathic Function, 2018, 24, 124-125.	0.0	0
24	Improvement in three-dimensional facial configuration and jaw motion following surgical orthodontic treatment of a case with jaw deviation. Orthodontic Waves, 2017, 76, 184-196.	0.2	1
25	Towards a Fully Automated Diagnostic System for Orthodontic Treatment in Dentistry. , 2017, , .		21
26	A Novel Method to Detect 3D Mandibular Changes Related to Soft-Diet Feeding. Frontiers in Physiology, 2017, 8, 567.	2.8	39
27	Asymmetric Anterior Distraction for Transversely Distorted Maxilla and Midfacial Anteroposterior Deficiency in a Patient with Cleft Lip/Palate: Two-Stage Surgical Approach. Cleft Palate-Craniofacial Journal, 2016, 53, 491-498.	0.9	5
28	Sexual dimorphism in the facial morphology of adult humans: A three-dimensional analysis. HOMO-Journal of Comparative Human Biology, 2016, 67, 23-49.	0.7	36
29	Maxillary Expansion and Midline Correction by Asymmetric Transverse Distraction Osteogenesis in a Patient with Unilateral Cleft Lip/Palate: A Case Report. Cleft Palate-Craniofacial Journal, 2015, 52, 618-624.	0.9	2
30	Early dentofacial orthopedic treatment of a patient with maxillary hypoplasia and congenital central hypoventilation syndrome. Orthodontic Waves, 2014, 73, 29-33.	0.2	1
31	Wassmund osteotomy for excessive gingival display: a case report with three-dimensional facial evaluation. Australian Orthodontic Journal, 2014, 30, 81-8.	0.3	3
32	Nonextraction treatment of open-bite by sequential uses of tongue crib, temporary anchorage devices and myofunctional therapy: A case report of an adolescent. Orthodontic Waves, 2013, 72, 112-118.	0.2	0
33	Skeletal Class III malocclusion with thin symphyseal bone: a case report. Australian Orthodontic Journal, 2012, 28, 250-7.	0.3	0
34	Objective Three-Dimensional Assessment of Lip Form in Patients with Repaired Cleft Lip. Cleft Palate-Craniofacial Journal, 2010, 47, 611-622.	0.9	14
35	Automatic recognition of anatomic features on cephalograms of preadolescent children. Angle Orthodontist, 2010, 80, 812-820.	2.4	9
36	Lip Vermilion Profile Patterns and Corresponding Dentoskeletal Forms in Female Adults. Angle Orthodontist, 2009, 79, 849-858.	2.4	12

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37	Automated Cephalometry: System Performance Reliability Using Landmark-Dependent Criteria. Angle Orthodontist, 2009, 79, 1037-1046.	2.4	30
38	Knowledge-Dependent Pattern Classification of Human Nasal Profiles. Angle Orthodontist, 2007, 77, 821-830.	2.4	8
39	A Robust Medical Image Recognition System Employing Edge-Based Feature Vector Representation. Lecture Notes in Computer Science, 2003, , 534-540.	1.3	0
40	Facial morphospace: a clinical quantitative analysis of the three-dimensional face in patients with cleft lip and palate. Plastic and Aesthetic Research, 0, , .	0.4	2
41	A novel method of superimposing dentition on cone beam computed tomography images of the palatal mucosa coated with barium sulphate. , 0, , 1-6.		1