

Chihiro Tanikawa

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Novel Method to Detect 3D Mandibular Changes Related to Soft-Diet Feeding. <i>Frontiers in Physiology</i> , 2017, 8, 567.	2.8	39
2	Sexual dimorphism in the facial morphology of adult humans: A three-dimensional analysis. <i>HOMO-Journal of Comparative Human Biology</i> , 2016, 67, 23-49.	0.7	36
3	Development of novel artificial intelligence systems to predict facial morphology after orthognathic surgery and orthodontic treatment in Japanese patients. <i>Scientific Reports</i> , 2021, 11, 15853.	3.3	33
4	Automated Cephalometry: System Performance Reliability Using Landmark-Dependent Criteria. <i>Angle Orthodontist</i> , 2009, 79, 1037-1046.	2.4	30
5	Towards a Fully Automated Diagnostic System for Orthodontic Treatment in Dentistry. , 2017, , .		21
6	Objective Three-Dimensional Assessment of Lip Form in Patients with Repaired Cleft Lip. <i>Cleft Palate-Craniofacial Journal</i> , 2010, 47, 611-622.	0.9	14
7	Test-retest reliability of smile tasks using three-dimensional facial topography. <i>Angle Orthodontist</i> , 2018, 88, 319-328.	2.4	13
8	Lip Vermilion Profile Patterns and Corresponding Dentoskeletal Forms in Female Adults. <i>Angle Orthodontist</i> , 2009, 79, 849-858.	2.4	12
9	Efficacy of Maxillary Anterior Segmental Distraction Osteogenesis in Patients With Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2018, 55, 1375-1381.	0.9	12
10	Clinical applicability of automated cephalometric landmark identification: Part Iâ€”Patientâ€™related identification errors. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 43-52.	2.8	10
11	Automatic recognition of anatomic features on cephalograms of preadolescent children. <i>Angle Orthodontist</i> , 2010, 80, 812-820.	2.4	9
12	Functional decline in facial expression generation in older women: A cross-sectional study using three-dimensional morphometry. <i>PLoS ONE</i> , 2019, 14, e0219451.	2.5	9
13	Knowledge-Dependent Pattern Classification of Human Nasal Profiles. <i>Angle Orthodontist</i> , 2007, 77, 821-830.	2.4	8
14	Quantifying faces three-dimensionally in orthodontic practice. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 867-875.	1.7	8
15	Determination of prognostic factors for orthognathic surgery in children with cleft lip and/or palate. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 153-162.	2.8	8
16	Comparison of clinical outcomes between Invisalign and conventional fixed appliance therapies in adult patients with severe deep overbite treated with nonextraction. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 161, 542-547.	1.7	8
17	A three-dimensional cephalometric analysis of Japanese adults and its usefulness in orthognathic surgery: A retrospective study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2022, 50, 353-363.	1.7	8
18	Three-dimensional changes in the craniofacial complex associated with soft-diet feeding. <i>European Journal of Orthodontics</i> , 2020, 42, 509-516.	2.4	6

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19	Population affinity and variation of sexual dimorphism in three-dimensional facial forms: comparisons between Turkish and Japanese populations. <i>Scientific Reports</i> , 2021, 11, 16634.	3.3	6
20	Asymmetric Anterior Distraction for Transversely Distorted Maxilla and Midfacial Anteroposterior Deficiency in a Patient with Cleft Lip/Palate: Two-Stage Surgical Approach. <i>Cleft Palate-Craniofacial Journal</i> , 2016, 53, 491-498.	0.9	5
21	The Elimination of Dental Crowding and Development of a Proper Dental Arch by Maxillary Anterior Segmental Distraction Osteogenesis for a Patient With UCLP. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 978-985.	0.9	5
22	Surface-based 3-dimensional cephalometry: An objective analysis of cranio-mandibular morphology. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 158, 535-546.	1.7	3
23	Impairment in facial expression generation in patients with repaired unilateral cleft lip: Effects of the physical properties of facial soft tissues. <i>PLoS ONE</i> , 2021, 16, e0249961.	2.5	3
24	The validation of orthodontic artificial intelligence systems that perform orthodontic diagnoses and treatment planning. <i>European Journal of Orthodontics</i> , 2022, 44, 436-444.	2.4	3
25	Wassmund osteotomy for excessive gingival display: a case report with three-dimensional facial evaluation. <i>Australian Orthodontic Journal</i> , 2014, 30, 81-8.	0.3	3
26	Maxillary Expansion and Midline Correction by Asymmetric Transverse Distraction Osteogenesis in a Patient with Unilateral Cleft Lip/Palate: A Case Report. <i>Cleft Palate-Craniofacial Journal</i> , 2015, 52, 618-624.	0.9	2
27	Facial morphospace: a clinical quantitative analysis of the three-dimensional face in patients with cleft lip and palate. <i>Plastic and Aesthetic Research</i> , 0, , .	0.4	2
28	Comparison of 3D mandibular surfaces generated by MRI and CT. <i>Orthodontics and Craniofacial Research</i> , 2021, , .	2.8	2
29	Prognostic Factors for Orthognathic Surgery in Children With Cleft Lip and/or Palate: Dentition and Palatal Morphology. <i>Cleft Palate-Craniofacial Journal</i> , 2023, 60, 1556-1564.	0.9	2
30	Early dentofacial orthopedic treatment of a patient with maxillary hypoplasia and congenital central hypoventilation syndrome. <i>Orthodontic Waves</i> , 2014, 73, 29-33.	0.2	1
31	Improvement in three-dimensional facial configuration and jaw motion following surgical orthodontic treatment of a case with jaw deviation. <i>Orthodontic Waves</i> , 2017, 76, 184-196.	0.2	1
32	Clinical applicability of automated cephalometric landmark identification: Part II “ Number of images needed to relearn various quality of images. <i>Orthodontics and Craniofacial Research</i> , 2021, , .	2.8	1
33	Machine Learning for Facial Recognition in Orthodontics. , 2021, , 55-65.		1
34	A novel method of superimposing dentition on cone beam computed tomography images of the palatal mucosa coated with barium sulphate. , 0, , 1-6.		1
35	Nonextraction treatment of open-bite by sequential uses of tongue crib, temporary anchorage devices and myofunctional therapy: A case report of an adolescent. <i>Orthodontic Waves</i> , 2013, 72, 112-118.	0.2	0
36	Dentofacial characteristics in a patient with Aarskog’s Scott syndrome. <i>Orthodontic Waves</i> , 2018, 77, 150-155.	0.2	0

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37	Adult patient with bilateral cleft lip and palate treated using bone graft followed by lateral distraction: A case report. <i>Orthodontic Waves</i> , 2018, 77, 232-239.	0.2	0
38	Evaluation of Facial Appearanceâ€“Related Quality of Life in Young Japanese Patients With Cleft Lip and/or Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2021, , 105566562110232.	0.9	0
39	A Robust Medical Image Recognition System Employing Edge-Based Feature Vector Representation. <i>Lecture Notes in Computer Science</i> , 2003, , 534-540.	1.3	0
40	Effects of the physical properties of facial soft tissues on facial displacement during smiling in patients with repaired unilateral cleft lips or palates. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2018, 24, 124-125.	0.0	0
41	Skeletal Class III malocclusion with thin symphyseal bone: a case report. <i>Australian Orthodontic Journal</i> , 2012, 28, 250-7.	0.3	0