

Carlos Flores-Mir

List of Publications by Citations

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339
papers

6,655
citations

42
h-index

63
g-index

359
ext. papers

8,158
ext. citations

2.4
avg, IF

6.14
L-index

#	Paper	IF	Citations
339	Validity, reliability, and reproducibility of plaster vs digital study models: comparison of peer assessment rating and Bolton analysis and their constituent measurements. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 129, 794-803	2.1	198
338	Lay person's perception of smile aesthetics in dental and facial views. <i>Journal of Orthodontics</i> , 2004 , 31, 204-9; discussion 201	1.6	130
337	Long-term skeletal changes with rapid maxillary expansion: a systematic review. <i>Angle Orthodontist</i> , 2005 , 75, 1046-52	2.6	118
336	Assessment of lateral cephalometric diagnosis of adenoid hypertrophy and posterior upper airway obstruction: a systematic review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 130, 700-8	2.1	117
335	Prevalence of xerostomia in population-based samples: a systematic review. <i>Journal of Public Health Dentistry</i> , 2006 , 66, 152-8	1.6	114
334	Role of different imaging modalities in assessment of temporomandibular joint erosions and osteophytes: a systematic review. <i>Dentomaxillofacial Radiology</i> , 2008 , 37, 63-71	3.9	113
333	Adenotonsillectomy Complications: A Meta-analysis. <i>Pediatrics</i> , 2015 , 136, 702-18	7.4	106
332	Accuracy of measurements and reliability of landmark identification with computed tomography (CT) techniques in the maxillofacial area: a systematic review. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 104, 402-11		97
331	Meta-analysis of immediate changes with rapid maxillary expansion treatment. <i>Journal of the American Dental Association</i> , 2006 , 137, 44-53	1.9	97
330	Craniofacial morphological characteristics in children with obstructive sleep apnea syndrome: a systematic review and meta-analysis. <i>Journal of the American Dental Association</i> , 2013 , 144, 269-77	1.9	96
329	Use of skeletal maturation based on hand-wrist radiographic analysis as a predictor of facial growth: a systematic review. <i>Angle Orthodontist</i> , 2004 , 74, 118-24	2.6	93
328	The treatment effects of Invisalign orthodontic aligners: a systematic review. <i>Journal of the American Dental Association</i> , 2005 , 136, 1724-9	1.9	91
327	Validity and reliability of intraoral scanners compared to conventional gypsum models measurements: a systematic review. <i>European Journal of Orthodontics</i> , 2016 , 38, 429-34	3.3	87
326	Diagnostic Accuracy of Cone-beam Computed Tomography and Conventional Radiography on Apical Periodontitis: A Systematic Review and Meta-analysis. <i>Journal of Endodontics</i> , 2016 , 42, 356-64	4.7	86
325	Intraexaminer and interexaminer reliabilities of landmark identification on digitized lateral cephalograms and formatted 3-dimensional cone-beam computerized tomography images. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010 , 137, 598-604	2.1	86
324	Correlation of skeletal maturation stages determined by cervical vertebrae and hand-wrist evaluations. <i>Angle Orthodontist</i> , 2006 , 76, 1-5	2.6	85
323	Long-term dental arch changes after rapid maxillary expansion treatment: a systematic review. <i>Angle Orthodontist</i> , 2005 , 75, 155-61	2.6	82

322	Frictional resistance in self-ligating orthodontic brackets and conventionally ligated brackets. A systematic review. <i>Angle Orthodontist</i> , 2009 , 79, 592-601	2.6	77
321	Accuracy of computer programs in predicting orthognathic surgery soft tissue response. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009 , 67, 751-9	1.8	75
320	Effects of nutrition on timing of mineralization in teeth in a Peruvian sample by the Cameriere and Demirjian methods. <i>Annals of Human Biology</i> , 2007 , 34, 547-56	1.7	71
319	Three-dimensional segmentation of the upper airway using cone beam CT: a systematic review. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 276-84	3.9	69
318	Mandibular asymmetry diagnosis with panoramic imaging. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008 , 134, 183-92	2.1	66
317	Factors associated with patient and parent satisfaction after orthodontic treatment: a systematic review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015 , 148, 652-9	2.1	62
316	In vitro wear behavior of zirconia opposing enamel: a systematic review. <i>Journal of Prosthodontics</i> , 2014 , 23, 593-601	3.9	60
315	Dental and skeletal changes following surgically assisted rapid maxillary expansion. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2006 , 35, 481-7	2.9	59
314	True incisor intrusion attained during orthodontic treatment: a systematic review and meta-analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2005 , 128, 212-9	2.1	58
313	The association between head and cervical posture and temporomandibular disorders: a systematic review. <i>Journal of Orofacial Pain</i> , 2006 , 20, 9-23		57
312	Torque expression in stainless steel orthodontic brackets. A systematic review. <i>Angle Orthodontist</i> , 2010 , 80, 201-10	2.6	56
311	Biomarkers associated with obstructive sleep apnea: A scoping review. <i>Sleep Medicine Reviews</i> , 2015 , 23, 28-45	10.2	55
310	Tooth-width ratio discrepancies in a sample of Peruvian adolescents. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2004 , 125, 361-5	2.1	55
309	Impact of Sense of Coherence on Oral Health Behaviors: A Systematic Review. <i>PLoS ONE</i> , 2015 , 10, e0133918		53
308	Reliability of traditional cephalometric landmarks as seen in three-dimensional analysis in maxillary expansion treatments. <i>Angle Orthodontist</i> , 2009 , 79, 1047-56	2.6	52
307	Diagnostic capability of biological markers in assessment of obstructive sleep apnea: a systematic review and meta-analysis. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 27-36	3.1	51
306	Obstructive sleep apnea and orthodontics: An American Association of Orthodontists White Paper. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019 , 156, 13-28.e1	2.1	49
305	Prevalence of clinical signs of intra-articular temporomandibular disorders in children and adolescents: A systematic review and meta-analysis. <i>Journal of the American Dental Association</i> , 2016 , 147, 10-18.e8	1.9	48

304	Implant site development by orthodontic extrusion. A systematic review. <i>Angle Orthodontist</i> , 2008 , 78, 752-60	2.6	48
303	Maxillary advancement with conventional orthognathic surgery in patients with cleft lip and palate: is it a stable technique?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012 , 70, 2859-66	1.8	45
302	Association between tension-type headache and migraine with sleep bruxism: a systematic review. <i>Headache</i> , 2014 , 54, 1460-9	4.2	44
301	Skeletal and dental changes in Class II division 1 malocclusions treated with splint-type Herbst appliances. A systematic review. <i>Angle Orthodontist</i> , 2007 , 77, 376-81	2.6	44
300	The frequency and nature of incidental findings in large-field cone beam computed tomography scans of an orthodontic sample. <i>Progress in Orthodontics</i> , 2014 , 15, 37	3.4	43
299	Le Fort III distraction osteogenesis versus conventional Le Fort III osteotomy in correction of syndromic midfacial hypoplasia: a systematic review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 959-72	1.8	43
298	Linear measurements using virtual study models. <i>Angle Orthodontist</i> , 2012 , 82, 1098-106	2.6	43
297	Radiologically determined orthodontically induced external apical root resorption in incisors after non-surgical orthodontic treatment of class II division 1 malocclusion: a systematic review. <i>Progress in Orthodontics</i> , 2014 , 15, 48	3.4	42
296	The frequency and nature of incidental findings in cone-beam computed tomographic scans of the head and neck region: a systematic review. <i>Journal of the American Dental Association</i> , 2013 , 144, 161-70 ^{1.9}		42
295	Indices to assess malocclusions in patients with cleft lip and palate. <i>European Journal of Orthodontics</i> , 2013 , 35, 772-82	3.3	42
294	Rapid palatal expansion effects on nasal airway dimensions as measured by acoustic rhinometry. A systematic review. <i>Angle Orthodontist</i> , 2009 , 79, 1000-7	2.6	42
293	Factors affecting children's adherence to regular dental attendance: a systematic review. <i>Journal of the American Dental Association</i> , 2014 , 145, 817-28	1.9	41
292	Immediate skeletal and dentoalveolar effects of the crown- or banded type Herbst appliance on Class II division 1 malocclusion. <i>Angle Orthodontist</i> , 2008 , 78, 361-9	2.6	41
291	Orthodontic treatment need in Peruvian young adults evaluated through dental aesthetic index. <i>Angle Orthodontist</i> , 2006 , 76, 417-21	2.6	41
290	Anatomical variations of mandibular canal detected by panoramic radiography and CT: a systematic review and meta-analysis. <i>Dentomaxillofacial Radiology</i> , 2016 , 45, 20150310	3.9	39
289	Biomarkers associated with obstructive sleep apnea and morbidities: a scoping review. <i>Sleep Medicine</i> , 2015 , 16, 347-57	4.6	38
288	Long-term skeletal stability after maxillary advancement with distraction osteogenesis in cleft lip and palate patients. <i>Angle Orthodontist</i> , 2012 , 82, 1115-22	2.6	38
287	Electromyography in diagnosing temporomandibular disorders. <i>Journal of the American Dental Association</i> , 2012 , 143, 351-62	1.9	38

286	Longitudinal study of temporomandibular joint disc status and craniofacial growth. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 130, 324-30	2.1	38
285	A systematic review of the association between appliance-induced labial movement of mandibular incisors and gingival recession. <i>Australian Orthodontic Journal</i> , 2011 , 27, 33-9		38
284	Prevalence of adenoid hypertrophy: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2018 , 38, 101-112	10.2	37
283	Diagnostic capability of questionnaires and clinical examinations to assess sleep-disordered breathing in children: a systematic review and meta-analysis. <i>Journal of the American Dental Association</i> , 2014 , 145, 165-78	1.9	37
282	Effectiveness of E-Learning in Oral Radiology Education: A Systematic Review. <i>Journal of Dental Education</i> , 2016 , 80, 1126-1139	1.6	36
281	Orthodontically induced external apical root resorption in patients treated with fixed appliances vs removable aligners. <i>Angle Orthodontist</i> , 2017 , 87, 3-10	2.6	36
280	Intra-arch dimensional measurement validity of laser-scanned digital dental models compared with the original plaster models: a systematic review. <i>Orthodontics and Craniofacial Research</i> , 2015 , 18, 65-76 ³		36
279	Measurement tools for the diagnosis of nasal septal deviation: a systematic review. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2014 , 43, 11	5.4	36
278	Dimensional stability of irreversible hydrocolloid impression materials as a function of pouring time: a systematic review. <i>Journal of Prosthetic Dentistry</i> , 2011 , 106, 126-33	4	36
277	Influence of anterior occlusal characteristics on self-perceived dental appearance in young adults. <i>Angle Orthodontist</i> , 2007 , 77, 831-6	2.6	36
276	Association between sleep bruxism and alcohol, caffeine, tobacco, and drug abuse: A systematic review. <i>Journal of the American Dental Association</i> , 2016 , 147, 859-866.e4	1.9	35
275	Patient satisfaction after orthodontic treatment combined with orthognathic surgery: A systematic review. <i>Angle Orthodontist</i> , 2016 , 86, 495-508	2.6	34
274	Association between psychotropic medications and presence of sleep bruxism: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2018 , 45, 545-554	3.4	34
273	Spatial analysis of condyle position according to sagittal skeletal relationship, assessed by cone beam computed tomography. <i>Progress in Orthodontics</i> , 2013 , 14, 36	3.4	34
272	Short-term treatment effects produced by the Twin-block appliance: a systematic review and meta-analysis. <i>European Journal of Orthodontics</i> , 2015 , 37, 170-6	3.3	33
271	A systematic review of cephalometric facial soft tissue changes with the Activator and Bionator appliances in Class II division 1 subjects. <i>European Journal of Orthodontics</i> , 2006 , 28, 586-93	3.3	33
270	Skeletal and dental changes with fixed slow maxillary expansion treatment: a systematic review. <i>Journal of the American Dental Association</i> , 2005 , 136, 194-9	1.9	33
269	Incidence of Root Resorption after the Replantation of Avulsed Teeth: A Meta-analysis. <i>Journal of Endodontics</i> , 2018 , 44, 1216-1227	4.7	33

268	An in vitro study on the dimensional stability of a vinyl polyether silicone impression material over a prolonged storage period. <i>Journal of Prosthetic Dentistry</i> , 2013 , 109, 172-8	4	32
267	Patient experiences with the Forsus Fatigue Resistant Device. <i>Angle Orthodontist</i> , 2013 , 83, 437-46	2.6	32
266	Laypeople's preferences regarding frontal dentofacial esthetics: tooth-related factors. <i>Journal of the American Dental Association</i> , 2011 , 142, 635-45	1.9	32
265	Influence of blinding on treatment effect size estimate in randomized controlled trials of oral health interventions. <i>BMC Medical Research Methodology</i> , 2018 , 18, 42	4.7	32
264	Soft tissue changes with fixed functional appliances in Class II division 1. <i>Angle Orthodontist</i> , 2006 , 76, 712-20	2.6	32
263	Bruxism: An umbrella review of systematic reviews. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 666-690	3.4	31
262	Correlations between acoustic rhinometry, subjective symptoms, and endoscopic findings in symptomatic children with nasal obstruction. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2015 , 141, 550-5	3.9	31
261	Anterior cranial-base time-related changes: A systematic review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014 , 146, 21-32.e6	2.1	30
260	Lower incisor dentoalveolar compensation and symphysis dimensions among Class I and III malocclusion patients with different facial vertical skeletal patterns. <i>Angle Orthodontist</i> , 2013 , 83, 948-55	2.6	30
259	Laypeople's preferences regarding frontal dentofacial esthetics: periodontal factors. <i>Journal of the American Dental Association</i> , 2011 , 142, 925-37	1.9	30
258	Search and selection methodology of systematic reviews in orthodontics (2000-2004). <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 130, 214-7	2.1	29
257	Association between growth stunting with dental development and skeletal maturation stage. <i>Angle Orthodontist</i> , 2005 , 75, 935-40	2.6	29
256	Efficiency of molar distalization associated with second and third molar eruption stage. <i>Angle Orthodontist</i> , 2013 , 83, 735-42	2.6	28
255	Association between sleep bruxism and anxiety symptoms in adults: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 482-491	3.4	27
254	Mandibular advancement appliances for the treatment of paediatric obstructive sleep apnea: a systematic review. <i>European Journal of Orthodontics</i> , 2015 , 37, 618-26	3.3	27
253	Accuracy of mesiodistal root angulation projected by cone-beam computed tomographic panoramic-like images. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010 , 137, S94-9	2.1	27
252	Prevalence of dentofacial injuries among combat sports practitioners: A systematic review and meta-analysis. <i>Dental Traumatology</i> , 2020 , 36, 124-140	4.5	27
251	Association between sleep bruxism and psychosocial factors in children and adolescents: a systematic review. <i>Clinical Pediatrics</i> , 2015 , 54, 469-78	1.2	26

250	An evaluation of search and selection methods used in dental systematic reviews published in English. <i>Journal of the American Dental Association</i> , 2006 , 137, 1252-7	1.9	26
249	Prediction of mesiodistal canine and premolar tooth width in a sample of Peruvian adolescents. <i>Orthodontics and Craniofacial Research</i> , 2003 , 6, 173-6	3	26
248	Are the lower incisors the best predictors for the unerupted canine and premolars sums? an analysis of a Peruvian sample. <i>Angle Orthodontist</i> , 2005 , 75, 202-7	2.6	26
247	In vivo comparison of force decay between injection molded and die-cut stamped elastomers. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 129, 384-9	2.1	25
246	Patient satisfaction and quality of life status after 2 treatment modalities: Invisalign and conventional fixed appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018 , 154, 639-644	2.1	25
245	Benchmarking of reported search and selection methods of systematic reviews by dental speciality. <i>Evidence-Based Dentistry</i> , 2007 , 8, 66-70	1.3	24
244	A descriptive analysis of oral health systematic reviews published 1991-2012: cross sectional study. <i>PLoS ONE</i> , 2013 , 8, e74545	3.7	24
243	Randomized clinical trials in dentistry: Risks of bias, risks of random errors, reporting quality, and methodologic quality over the years 1955-2013. <i>PLoS ONE</i> , 2017 , 12, e0190089	3.7	24
242	Prevalence of otologic signs and symptoms in adult patients with temporomandibular disorders: a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2017 , 21, 597-605	4.2	23
241	Self-perceived orthodontic treatment need evaluated through 3 scales in a university population. <i>Journal of Orthodontics</i> , 2004 , 31, 329-34; discussion 302	1.6	23
240	Breastfeeding and Oral Health: Evidence and Methodological Challenges. <i>Journal of Dental Research</i> , 2018 , 97, 251-258	8.1	23
239	Impact of primary palatoplasty on the maxillomandibular sagittal relationship in patients with unilateral cleft lip and palate: a systematic review and meta-analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2015 , 44, 50-6	2.9	22
238	Management of ankylosed primary molars with premolar successors: a systematic review. <i>Journal of the American Dental Association</i> , 2013 , 144, 602-11	1.9	22
237	Normative and self-perceived orthodontic treatment need of a Peruvian university population. <i>Head & Face Medicine</i> , 2006 , 2, 22	2.4	22
236	Pain level between clear aligners and fixed appliances: a systematic review. <i>Progress in Orthodontics</i> , 2020 , 21, 3	3.4	22
235	Radiographic comparison of the extent of orthodontically induced external apical root resorption in vital and root-filled teeth: a systematic review. <i>European Journal of Orthodontics</i> , 2013 , 35, 796-802	3.3	21
234	Cranial base foramen location accuracy and reliability in cone-beam computerized tomography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 139, e203-10	2.1	21
233	True molar intrusion attained during orthodontic treatment: a systematic review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006 , 130, 709-14	2.1	21

232	Patient satisfaction and quality of life changes after Invisalign treatment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018 , 153, 834-841	2.1	21
231	Effect of Low-Intensity Pulsed Ultrasound on Distraction Osteogenesis Treatment Time: A Meta-analysis of Randomized Clinical Trials. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 349-58	2.9	20
230	The accuracy of diagnostic tests for adenoid hypertrophy: a systematic review. <i>Journal of the American Dental Association</i> , 2014 , 145, 247-54	1.9	20
229	Accuracy of computer programs in predicting orthognathic surgery hard tissue response. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009 , 67, 1628-39	1.8	20
228	Cephalometric facial soft tissue changes with the twin block appliance in Class II division 1 malocclusion patients. A systematic review. <i>Angle Orthodontist</i> , 2006 , 76, 876-81	2.6	20
227	Secondary alveolar bone grafting using autologous versus alloplastic material in the treatment of cleft lip and palate patients: systematic review and meta-analysis. <i>Progress in Orthodontics</i> , 2019 , 20, 6	3.4	19
226	Retrospective study of clinical complications during orthodontic treatment with either a removable mandibular acrylic splint Herbst or with a cantilever Herbst. <i>Angle Orthodontist</i> , 2015 , 85, 64-71	2.6	19
225	Craniofacial morphology in pediatric patients with persistent obstructive sleep apnea with or without positive airway pressure therapy: a cross-sectional cephalometric comparison with controls. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013 , 144, 78-85	2.1	19
224	Prevalence, intensity and extent of Oral Impacts on Daily Performances associated with self-perceived malocclusion in 11-12-year-old children. <i>BMC Oral Health</i> , 2007 , 7, 6	3.7	19
223	Association between signs and symptoms of bruxism and presence of tori: a systematic review. <i>Clinical Oral Investigations</i> , 2017 , 21, 2789-2799	4.2	18
222	Sleep bruxism and sleep-disordered breathing: a systematic review. <i>Journal of Oral and Facial Pain and Headache</i> , 2014 , 28, 299-305	2.5	18
221	Molar heights and incisor inclinations in adults with Class II and Class III skeletal open-bite malocclusions. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014 , 145, 325-32	2.1	18
220	Comparison of in vivo 3D cone-beam computed tomography tooth volume measurement protocols. <i>Progress in Orthodontics</i> , 2014 , 15, 69	3.4	18
219	Effectiveness of open bite correction when managing deleterious oral habits in growing children and adolescents: a systematic review and meta-analysis. <i>European Journal of Orthodontics</i> , 2017 , 39, 31-42 ³	2.3	17
218	Association between sleep apnea and low bone mass in adults: a systematic review and meta-analysis. <i>Osteoporosis International</i> , 2017 , 28, 1835-1852	5.3	17
217	Short- and long-term potential effects of accelerated osteogenic orthodontic treatment: A systematic review and meta-analysis. <i>Orthodontics and Craniofacial Research</i> , 2019 , 22, 61-68	3	17
216	Reliability of three-dimensional anterior cranial base superimposition methods for assessment of overall hard tissue changes: A systematic review. <i>Angle Orthodontist</i> , 2018 , 88, 233-245	2.6	17
215	Short-term skeletal and dental effects of the Xbow appliance as measured on lateral cephalograms. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009 , 136, 822-32	2.1	17

214	Dental esthetic self-perception in young adults with and without previous orthodontic treatment. <i>Angle Orthodontist</i> , 2006 , 76, 412-6	2.6	17
213	Three-dimensional evaluation of the maxillary arch and palate in unilateral cleft lip and palate subjects using digital dental casts. <i>European Journal of Orthodontics</i> , 2017 , 39, 641-645	3.3	16
212	Maxillary arch changes with transpalatal arch treatment followed by full fixed appliances. <i>Angle Orthodontist</i> , 2015 , 85, 683-9	2.6	16
211	Impact of Selection Bias on Treatment Effect Size Estimates in Randomized Trials of Oral Health Interventions: A Meta-epidemiological Study. <i>Journal of Dental Research</i> , 2018 , 97, 5-13	8.1	16
210	Effectiveness of the transpalatal arch in controlling orthodontic anchorage in maxillary premolar extraction cases: A systematic review and meta-analysis. <i>Angle Orthodontist</i> , 2017 , 87, 147-158	2.6	16
209	Measurement accuracy and reliability of tooth length on conventional and CBCT reconstructed panoramic radiographs. <i>Dental Press Journal of Orthodontics</i> , 2014 , 19, 45-53	1.3	16
208	The validity and reliability of mixed-dentition analysis methods: a systematic review. <i>Journal of the American Dental Association</i> , 2011 , 142, 1143-53	1.9	16
207	Dental and skeletal changes during pressure garment use in facial burns: a systematic review. <i>Burns</i> , 2008 , 34, 18-23	2.3	16
206	Estimating arch length discrepancy through Little's Irregularity Index for epidemiological use. <i>European Journal of Orthodontics</i> , 2006 , 28, 269-73	3.3	16
205	Effectiveness of the open bite treatment in growing children and adolescents. A systematic review. <i>European Journal of Orthodontics</i> , 2016 , 38, 237-50	3.3	15
204	Chronic obstructive pulmonary disease as a risk factor for suicide: A systematic review and meta-analysis. <i>Respiratory Medicine</i> , 2019 , 151, 11-18	4.6	15
203	Precision of cone beam CT to assess periodontal bone defects: a systematic review and meta-analysis. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 20170084	3.9	15
202	Radiographic assessment of external root resorption associated with jackscrew-based maxillary expansion therapies: a systematic review. <i>European Journal of Orthodontics</i> , 2014 , 36, 576-85	3.3	15
201	Airway segmentation and measurement in CT images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 795-9		15
200	Diagnostic methods for assessing maxillary skeletal and dental transverse deficiencies: A systematic review. <i>Korean Journal of Orthodontics</i> , 2016 , 46, 331-42	1.4	15
199	Reliability of different three-dimensional cephalometric landmarks in cone-beam computed tomography : A systematic review. <i>Angle Orthodontist</i> , 2019 , 89, 317-332	2.6	15
198	Influence of Intracanal Materials in Vertical Root Fracture Pathway Detection with Cone-beam Computed Tomography. <i>Journal of Endodontics</i> , 2017 , 43, 1170-1175	4.7	14
197	Changes in temporomandibular joint morphology in class II patients treated with fixed mandibular repositioning and evaluated through 3D imaging: a systematic review. <i>Orthodontics and Craniofacial Research</i> , 2015 , 18, 185-201	3	14

196	Effect of non-surgical maxillary expansion on the nasal septum deviation: a systematic review. <i>Progress in Orthodontics</i> , 2015 , 16, 15	3.4	14
195	Dental morphology and crowding. A multivariate approach. <i>Angle Orthodontist</i> , 2006 , 76, 20-5	2.6	14
194	Agreement between cone-beam computed tomography and nasoendoscopy evaluations of adenoid hypertrophy. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014 , 146, 451-9	2.1	13
193	Novel methodologies and technologies to assess mid-palatal suture maturation: a systematic review. <i>Head & Face Medicine</i> , 2017 , 13, 13	2.4	13
192	Björk-Jarabak cephalometric analysis on CBCT synthesized cephalograms with different dentofacial sagittal skeletal patterns. <i>Dental Press Journal of Orthodontics</i> , 2014 , 19, 46-53	1.3	13
191	Methodological quality and descriptive characteristics of prosthodontic-related systematic reviews. <i>Journal of Oral Rehabilitation</i> , 2013 , 40, 263-78	3.4	13
190	Dentoskeletal effects produced by removable palatal crib, bonded spurs, and chin cup therapy in growing children with anterior open bite. <i>Angle Orthodontist</i> , 2016 , 86, 969-975	2.6	13
189	Perceptions and attitudes of Canadian dentists toward digital and electronic technologies. <i>Journal of the Canadian Dental Association</i> , 2006 , 72, 243	2.1	13
188	Association between chewing dysfunctions and temporomandibular disorders: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2018 , 45, 819-835	3.4	12
187	Predictors of long-term stability of maxillary dental arch dimensions in patients treated with a transpalatal arch followed by fixed appliances. <i>Progress in Orthodontics</i> , 2015 , 16, 24	3.4	12
186	The relationship between vertical facial morphology and overjet in untreated Class II subjects. <i>Angle Orthodontist</i> , 2012 , 82, 432-40	2.6	12
185	Quality of reporting masticatory muscle electromyography in 2004: a systematic review. <i>Journal of Oral Rehabilitation</i> , 2007 , 34, 397-405	3.4	12
184	Accuracy of interproximal enamel reduction during clear aligner treatment. <i>Progress in Orthodontics</i> , 2020 , 21, 28	3.4	12
183	Maxillary osteotomy complications in piezoelectric surgery compared to conventional surgical techniques: a systematic review. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019 , 48, 720-737	2.9	11
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173	Are cloth masks a substitute to medical masks in reducing transmission and contamination? A systematic review. <i>Brazilian Oral Research</i> , 2020 , 34, e123	2.6	10
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171	Association between sleep bruxism and stress symptoms in adults: A systematic review and meta-analysis. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 621-631	3.4	10
170	Association between 3D palatal morphology and upper arch dimensions in buccally displaced maxillary canines early in mixed dentition. <i>European Journal of Orthodontics</i> , 2018 , 40, 592-596	3.3	9
169	Association of sleep bruxism with ceramic restoration failure: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 354-362	4	9
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159	Methodological characteristics and treatment effect sizes in oral health randomised controlled trials: Is there a relationship? Protocol for a meta-epidemiological study. <i>BMJ Open</i> , 2014 , 4, e004527	3	8
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155	Effects of glucosamine supplements on painful temporomandibular joint osteoarthritis: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2018 , 45, 414-422	3.4	7
154	Accuracy and reliability of orthodontists using cone-beam computerized tomography for assessment of adenoid hypertrophy. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 150, 782-788	2.1	7
153	The effect of prolonged storage and disinfection on the dimensional stability of 5 vinyl polyether silicone impression materials. <i>Journal of Advanced Prosthodontics</i> , 2017 , 9, 182-187	2.2	7
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149	Short- and long-term evaluation of mandibular dental arch dimensional changes in patients treated with a lip bumper during mixed dentition followed by fixed appliances. <i>Angle Orthodontist</i> , 2016 , 86, 753-60	2.6	7
148	Prevalence of radiographic findings on jaws exposed to antiresorptive therapy: a meta-analysis. <i>Dentomaxillofacial Radiology</i> , 2019 , 48, 20180112	3.9	7
147	Association between Breast Feeding and Paediatric Sleep Disordered Breathing: a Systematic Review. <i>Paediatric and Perinatal Epidemiology</i> , 2017 , 31, 348-362	2.7	6
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144	Measurement error and reliability of three available 3D superimposition methods in growing patients. <i>Head & Face Medicine</i> , 2020 , 16, 1	2.4	6
143	Precision and accuracy of suggested maxillary and mandibular landmarks with cone-beam computed tomography for regional superimpositions: An in vitro study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 149, 67-75	2.1	6

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141	Comparison of airway dimensions in skeletal Class I malocclusion subjects with different vertical facial patterns. <i>Dental Press Journal of Orthodontics</i> , 2017 , 22, 35-42	1.3	6
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138	Increased hypodontia through the twentieth century. <i>Evidence-Based Dentistry</i> , 2006 , 7, 15	1.3	6
137	Stability of anterior open bite treatment with molar intrusion using skeletal anchorage: a systematic review and meta-analysis. <i>Progress in Orthodontics</i> , 2020 , 21, 35	3.4	6
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130	Cranial base length in pediatric populations with sleep disordered breathing: A systematic review. <i>Sleep Medicine Reviews</i> , 2018 , 39, 164-173	10.2	5
129	Correlation between craniofacial growth and upper and lower body heights in subjects with Class I occlusion. <i>Dental Press Journal of Orthodontics</i> , 2018 , 23, 37-45	1.3	5
128	Prevalence of reported percutaneous injuries on dentists: A meta-analysis. <i>Journal of Dentistry</i> , 2018 , 76, 9-18	4.8	5
127	Correlation and reliability of cone-beam computed tomography nasopharyngeal volumetric and area measurements as determined by commercial software against nasopharyngoscopy-supported diagnosis of adenoid hypertrophy. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017 , 152, 92-103	2.1	5
126	Predictors of postretention stability of mandibular dental arch dimensions in patients treated with a lip bumper during mixed dentition followed by fixed appliances. <i>Angle Orthodontist</i> , 2017 , 87, 209-214	2.6	5
125	Are interventions for accelerating orthodontic tooth movement effective?. <i>Evidence-Based Dentistry</i> , 2014 , 15, 116-7	1.3	5

124	Does orthodontic treatment lead to gingival recession?. <i>Evidence-Based Dentistry</i> , 2011 , 12, 20	1.3	5
123	Prediction of lower incisor proclination during Xbow treatment based on initial cephalometric variables. <i>Angle Orthodontist</i> , 2012 , 82, 472-9	2.6	5
122	Survey of Systematic Review Authors in Dentistry: Challenges in Methodology and Reporting. <i>Journal of Dental Education</i> , 2009 , 73, 471-482	1.6	5
121	More women in Europe and Australia have dental agenesis than their counterparts in North America. <i>Evidence-Based Dentistry</i> , 2005 , 6, 22-3	1.3	5
120	Grinding is effective in early orthodontic treatment of unilateral posterior crossbite. <i>Evidence-Based Dentistry</i> , 2005 , 6, 24	1.3	5
119	Prevalence of mental disorders among elderly men: a systematic review and meta-analysis. <i>Sao Paulo Medical Journal</i> , 2020 , 138, 190-200	1.6	5
118	Association between obstructive sleep apnea and health-related quality of life in untreated adults: a systematic review. <i>Sleep and Breathing</i> , 2021 , 25, 1773-1789	3.1	5
117	Nasal septum changes in adolescent patients treated with rapid maxillary expansion. <i>Dental Press Journal of Orthodontics</i> , 2016 , 21, 47-53	1.3	5
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112	Esthetic perception of facial profile changes in Class II patients treated with Herbst or Forsus appliances. <i>Angle Orthodontist</i> , 2020 , 90, 571-577	2.6	4
111	Effects of lip bumper therapy on the mandibular arch dimensions of children and adolescents: A systematic review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020 , 157, 454-465.e1	2.1	4
110	Palatal volume and area assessment on digital casts generated from cone-beam computed tomography scans. <i>Angle Orthodontist</i> , 2018 , 88, 397-402	2.6	4
109	Cross-cultural adaptation and validation of the Impact of Fixed Appliances Measure questionnaire in Brazil. <i>Brazilian Oral Research</i> , 2018 , 32, e14	2.6	4
108	Sleep-Disordered Breathing Is Associated with Reduced Mandibular Cortical Width in Children. <i>JDR Clinical and Translational Research</i> , 2019 , 4, 58-67	2.2	4
107	Pharyngeal dimensional changes in class II malocclusion treatment when using Forsus [®] or intermaxillary elastics [®] : An exploratory study. <i>International Orthodontics</i> , 2019 , 17, 667-677	0.9	4

106	Lasers may reduce pain arising from dentin hypersensitivity. <i>Journal of the American Dental Association</i> , 2014 , 145, e1-2	1.9	4
105	Comparison of mechanical properties of beta-titanium wires between leveled and unleveled brackets: an in vitro study. <i>Progress in Orthodontics</i> , 2014 , 15, 42	3.4	4
104	Efficiency of molar distalization with the XBow appliance related to second molar eruption stage. <i>European Journal of Orthodontics</i> , 2013 , 35, 745-51	3.3	4
103	Lower incisor inclination changes during Xbow treatment according to vertical facial type. <i>Angle Orthodontist</i> , 2010 , 80, 1075-80	2.6	4
102	Sequential analysis applied to clinical trials in dentistry: a systematic review. <i>Evidence-Based Dentistry</i> , 2008 , 9, 55-60	1.3	4
101	Longitudinal study on TMJ disk status and its effect on mandibular growth. <i>Journal of Orthodontics</i> , 2007 , 34, 194-9; discussion 176	1.6	4
100	Biomarkers in biological fluids in adults with periodontitis and/or obesity: A meta-analysis. <i>Journal of Indian Society of Periodontology</i> , 2020 , 24, 191-215	1.1	4
99	Tridimensional assessment of the dental follicle dimensions of impacted mandibular third molars using cone-beam CT. <i>Journal of Clinical and Experimental Dentistry</i> , 2018 , 10, e726-e731	1.4	4
98	Caries reporting in studies that used the International Caries Detection and Assessment System: A scoping review. <i>Community Dentistry and Oral Epidemiology</i> , 2019 , 47, 92-102	2.8	4
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92	Comparison of Class I and Class II Treatment Duration Among Three Different Orthodontic Practices. <i>Seminars in Orthodontics</i> , 2006 , 12, 52-59	1.2	3
91	Tridimensional upper airway assessment in male patients with OSA using oral advancement devices modifying their vertical dimension. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 1721-1729	3.1	3
90	Influence of maxillary posterior dentoalveolar discrepancy on angulation of maxillary molars in individuals with skeletal open bite. <i>Progress in Orthodontics</i> , 2016 , 17, 34	3.4	3
89	Neural crest-specific deletion of leads to midfacial hypoplasia, nasal airway obstruction, and disordered breathing modelling Obstructive Sleep Apnea. <i>DMM Disease Models and Mechanisms</i> , 2021 ,	4.1	3

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87	Diagnostic accuracy of screening questionnaires for obstructive sleep apnoea in adults in different clinical cohorts: a systematic review and meta-analysis. <i>Sleep and Breathing</i> , 2021 , 1	3.1	3
86	Aerosol generated by dental procedures: A scoping review.. <i>Journal of Evidence-Based Medicine</i> , 2021 , 14, 303-312	6.1	3
85	GWAS of Post-Orthodontic Aggressive External Apical Root Resorption Identified Multiple Putative Loci at X-Y Chromosomes. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	2
84	Saliva as an alternative to blood in the determination of uremic state in adult patients with chronic kidney disease: a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2020 , 24, 2203-2217	4.2	2
83	Stability of Class II corrections with removable and fixed functional appliances: A literature review. <i>Journal of the World Federation of Orthodontists</i> , 2020 , 9, 56-67	1.2	2
82	Digital Imaging Capability for Caries Detection: A Meta-analysis. <i>JDR Clinical and Translational Research</i> , 2016 , 1, 112-121	2.2	2
81	Multimodal registration of three-dimensional maxillofacial cone beam CT and photogrammetry data over time. <i>Dentomaxillofacial Radiology</i> , 2013 , 42, 22027087	3.9	2
80	Limited evidence that cantilevers are associated with slightly lower survival rates of implant-supported fixed partial dentures. <i>Journal of the American Dental Association</i> , 2010 , 141, 1371-2	1.9	2
79	Clinical significance of early treatment of overjet is questionable. At what age should orthodontic treatment for prominent upper teeth be carried out?. <i>Evidence-Based Dentistry</i> , 2007 , 8, 103-4	1.3	2
78	Attaining a working archwire--which sequence?. <i>Evidence-Based Dentistry</i> , 2007 , 8, 48	1.3	2
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75	Additional appointments and discomfort associated with compliance-free fixed Class II corrector treatment: a systematic review. <i>European Journal of Orthodontics</i> , 2019 , 41, 404-414	3.3	2
74	Effect of cyanoacrylate tissue adhesive in postoperative palatal pain management: a systematic review. <i>Clinical Oral Investigations</i> , 2021 , 25, 3609-3622	4.2	2
73	Effects of stabilization splints on the signs and symptoms of temporomandibular disorders of muscular origin: A systematic review.. <i>Cranio - Journal of Craniomandibular Practice</i> , 2022 , 1-12	1.2	2
72	Identifying a Potential Summary Measure for Overall Caries Level in Children Examined with the International Caries Detection and Assessment System. <i>Caries Research</i> , 2017 , 51, 568-575	4.2	1
71	Glabella vertical line as a reference goal for anteroposterior maxillary position. <i>Dental Press Journal of Orthodontics</i> , 2019 , 24, 45.e1-45.e5	1.3	1

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69	External apical root resorption generated by Forsus simultaneously with brackets vs. Xbow followed by brackets to correct Class II malocclusions. <i>Journal of the World Federation of Orthodontists</i> , 2015 , 4, 120-123	1.2	1
68	Association between sleep disordered breathing and symptoms of attention deficits in adults: a systematic review. <i>Sleep Medicine</i> , 2020 , 73, 223-230	4.6	1
67	Gingival condition associated with two types of orthodontic fixed retainers: a meta-analysis. <i>European Journal of Orthodontics</i> , 2017 , 39, 446-452	3.3	1
66	Normal orbit skeletal changes in adolescents as determined through cone-beam computed tomography. <i>Head & Face Medicine</i> , 2016 , 12, 32	2.4	1
65	Letter to the editor, "Clinical trial registration in oral health journals". <i>Journal of Dental Research</i> , 2015 , 94, 103S	8.1	1
64	Analysis of anterior dentoalveolar and perioral aesthetic characteristics and their impact on the decision to undergo a Phase II orthodontic treatment. <i>European Journal of Orthodontics</i> , 2014 , 36, 719-26 ³	3.3	1
63	Little evidence to guide initial arch wire choice for fixed appliance therapy. <i>Evidence-Based Dentistry</i> , 2014 , 15, 112-3	1.3	1
62	No reliable evidence to guide initial arch wire choice for fixed appliance therapy. <i>Evidence-Based Dentistry</i> , 2013 , 14, 114-5	1.3	1
61	Limited evidence exists that glass ionomer restorations in permanent teeth offer a lower risk of developing carious lesions at margins compared with amalgam restorations. <i>Journal of the American Dental Association</i> , 2010 , 141, 193-4	1.9	1
60	Long term three dimensional tracking of orthodontic patients using registered cone beam CT and photogrammetry. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 3525-8	0.9	1
59	Measuring and evaluating ground truth for boundary detection in medical images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 5889-92	0.9	1
58	Retention decisions and protocols among orthodontists practicing in Canada: A cross-sectional survey.. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022 ,	2.1	1
57	Pharyngeal airway changes in pre-pubertal children with Class II malocclusion after Frökel-2 treatment. <i>European Journal of Paediatric Dentistry</i> , 2017 , 18, 291-295	1.1	1
56	An interview with Daniela Garib. <i>Dental Press Journal of Orthodontics</i> , 2019 , 24, 16-26	1.3	1
55	Effectiveness of two thermal activated orthodontic archwire sequences based on transition temperature range during alignment: A randomized non-controlled comparative study. <i>International Orthodontics</i> , 2020 , 18, 706-713	0.9	1
54	Dentistry and Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 1213-4	3.1	1
53	Oropharyngeal 3-dimensional changes after maxillary expansion with 2 different orthodontic approaches. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 159, 352-359	2.1	1

52	Influence of upper lip curvature on smile attractiveness in patients with different degrees of gingival smiles: A cross-sectional study with opinions from oral health providers and laypersons. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 159, e321-e329	2.1	1
51	Dental and skeletal changes associated with the Damon system philosophical approach. <i>International Orthodontics</i> , 2019 , 17, 621-633	0.9	1
50	Cannabis and periodontal harm: How convincing is the association?. <i>Oral Diseases</i> , 2019 , 25, 350-352	3.5	1
49	Pediatric Obstructive Sleep Apnea: Orthodontic Management 2021 , 483-492		1
48	Retrospective comparison of dental and skeletal effects in the treatment of Class II malocclusion between Herbst and Xbow appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 160, 544-551	2.1	1
47	Pharyngeal airway dimensional changes after orthodontic treatment with premolar extractions: A systematic review with meta-analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 160, 503-515.e3	2.1	1
46	Nasal cavity structural anomalies in children and adolescents at high risk of sleep-disordered breathing: An exploratory cone-beam computed tomography study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 160, 533-543.e2	2.1	1
45	Development, validation and application of a 3D printed model depicting adenoid hypertrophy in comparison to a Nasoendoscopy. <i>Head & Face Medicine</i> , 2020 , 16, 5	2.4	0
44	Impact of Evidence-Based Dentistry Workshops on Educators' Use of Evidence in Teaching and Practice: A Pilot Study. <i>Journal of Dental Education</i> , 2018 , 82, 581-590	1.6	0
43	Commentary on Different powered toothbrushes for plaque control and gingival health with a response from the review authors. <i>Evidence-Based Child Health: A Cochrane Review Journal</i> , 2011 , 6, 2324-2326 ⁰		0
42	Prophylactic extraction of deciduous canines. <i>Evidence-Based Dentistry</i> , 2009 , 10, 102	1.3	0
41	Facial and Cephalometric Features of Individuals With Mucopolysaccharidosis: A Cross-Sectional Study. <i>Cleft Palate-Craniofacial Journal</i> , 2021 , 10556656211053154	1.9	0
40	Miniscrew insertion sites of infrazygomatic crest and mandibular buccal shelf in different vertical craniofacial patterns: A cone-beam computed tomography study. <i>Korean Journal of Orthodontics</i> , 2021 , 51, 387-396	1.4	0
39	Influence of Sponsorship Bias on Treatment Effect Size Estimates in Randomized Trials of Oral Health Interventions: A Meta-epidemiological Study. <i>Journal of Evidence-based Dental Practice</i> , 2021 , 21, 101544	1.9	0
38	Failure rates among metal brackets cured with two high-intensity LED light-curing lamps: an in vivo study. <i>European Journal of Orthodontics</i> , 2021 , 43, 229-233	3.3	0
37	Malocclusion Impact Scale for Early Childhood (MIS-EC): development and validation. <i>Brazilian Oral Research</i> , 2021 , 35, e068	2.6	0
36	Clinical performance of short versus standard dental implants in vertically augmented bone: an overview of systematic reviews. <i>Clinical Oral Investigations</i> , 2021 , 25, 6045-6068	4.2	0
35	Potential impact of pediatric obstructive sleep apnea on mandibular cortical width dimensions. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 1627-1634	3.1	0

34	Orthodontists' criteria for prescribing cone-beam computed tomography-a multi-country survey. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	o
33	Diagnostic performance of periapical and panoramic radiography and cone beam computed tomography for detection of circumferential gaps simulating osseointegration failure around dental implants: A systematic review. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021 , 132, e208-e222	2	o
32	Dental and maxillomandibular incidental findings in panoramic radiography among individuals with mucopolysaccharidosis: a cross-sectional study. <i>Journal of Applied Oral Science</i> , 2021 , 29, e20200978	3.3	o
31	Particle Size, Mass Concentration, and Microbiota in Dental Aerosols.. <i>Journal of Dental Research</i> , 2022 , 220345221087880	8.1	o
30	Tooth and root size as determined from 0.25- and 0.30-mm voxel size cone-beam CT imaging when contrasted to micro-CT scans (0.06 mm): An ex vivo study.. <i>Journal of Orthodontics</i> , 2021 , 14653125211066106	1.6	o
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