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| **Tabla S1. Los 100 artículos más influyentes sobre respiración bucal (RB) en niños y adolescentes según Tasa de Citación Relativa (RCR) y según *Altmetric Attention Score* (AAS), rangos de RCR y AAS, 2002-2021.** |
| **n** | **Referencia**  | **Valor RCR** | **Rango RCR\*** | **Valor AAS** | **Rango AAS\*\*** |
| 1 | Zhao Z, Zheng L, Huang X, Li C, Liu J, Hu Y. Effects of mouth breathing on facial skeletal development in children: a systematic review and meta-analysis. BMC Oral Health. 2021 Mar 10;21(1):108 | 6,31 | 1 | 60 | 7 |
| 2 | D'Onofrio L. Oral dysfunction as a cause of malocclusion. Orthod Craniofac Res. 2019 May;22 Suppl 1(Suppl 1)  | 6,29 | 2 | 6 | 55 |
| 3 | Harari D, Redlich M, Miri S, Hamud T, Gross M.The effect of mouth breathing versus nasal breathing on dentofacial and craniofacial development in orthodontic patients. Laryngoscope. 2010 Oct;120(10):2089-93  | 4,82 | 3 | 36 | 10 |
| 4 | Carra MC, Huynh N, Morton P, Rompré PH, Papadakis A, Remise C, Lavigne GJ.Prevalence and risk factors of sleep bruxism and wake-time tooth clenching in a 7- to 17-yr-old population. Eur J Oral Sci. 2011 Oct;119(5):386-94  | 4,81 | 4 | 9 | 36 |
| 5 | Valera FC, Travitzki LV, Mattar SE, Matsumoto MA, Elias AM, Anselmo-Lima WT.Muscular, functional and orthodontic changes in preschool children with enlarged adenoids and tonsils. Int J Pediatr Otorhinolaryngol. 2003 Jul;67(7):761-70 | 4,75 | 5 | 1 | 140 |
| 6 | Bonuck KA, Chervin RD, Cole TJ, Emond A, Henderson J, Xu L, Freeman K.Prevalence and persistence of sleep disordered breathing symptoms in young children: a 6-year population-based cohort study. Sleep. 2011 Jul 1;34(7):875-84  | 4,71 | 6 | 26 | 14 |
| 7 | Grippaudo C, Paolantonio EG, Antonini G, Saulle R, La Torre G, Deli R.Association between oral habits, mouth breathing and malocclusion. Acta Otorhinolaryngol Ital. 2016 Oct;36(5):386-394. | 4,58 | 7 | 22 | 17 |
| 8 | Chambi-Rocha A, Cabrera-Domínguez ME, Domínguez-Reyes A. Breathing mode influence on craniofacial development and head posture. J Pediatr (Rio J). 2018 Mar-Apr;94(2):123-130  | 4,37 | 8 | 1 | 222 |
| 9 | Souki BQ, Pimenta GB, Souki MQ, Franco LP, Becker HM, Pinto JA.Prevalence of malocclusion among mouth breathing children: do expectations meet reality? Int J Pediatr Otorhinolaryngol. 2009 May;73(5):767-73  | 4,15 | 9 | 3 | 81 |
| 10 | Bonuck K, Freeman K, Chervin RD, Xu L.Sleep-disordered breathing in a population-based cohort: behavioral outcomes at 4 and 7 years. Pediatrics. 2012 Apr;129(4).  | 3,97 | 10 | 192 | 4 |
| 11 | Peltomäki T. The effect of mode of breathing on craniofacial growth--revisited. Eur J Orthod. 2007 Oct;29(5):426-9. | 3.97 | 11 | 7 | 45 |
| 12 | Mummolo S, Nota A, Caruso S, Quinzi V, Marchetti E, Marzo G. Salivary Markers and Microbial Flora in Mouth Breathing Late Adolescents. Biomed Res Int. 2018 Mar 5;2018. | 3.95 | 12 | 22 | 18 |
| 13 | de Freitas MR, Alcazar NM, Janson G, de Freitas KM, Henriques JF. Upper and lower pharyngeal airways in subjects with Class I and Class II malocclusions and different growth patterns. Am J Orthod Dentofacial Orthop. 2006 Dec;130(6):742-5.  | 3.75 | 13 | - | - |
| 14 | Paolantonio EG, Ludovici N, Saccomanno S, La Torre G, Grippaudo C. Association between oral habits, mouth breathing and malocclusion in Italian preschoolers. Eur J Paediatr Dent. 2019 Sep;20(3):204-208.  | 3.65 | 14 | 1 | 243 |
| 15 | D'Ascanio L, Lancione C, Pompa G, Rebuffini E, Mansi N, Manzini M. Craniofacial growth in children with nasal septum deviation: a cephalometric comparative study. Int J Pediatr Otorhinolaryngol. 2010 Oct;74(10):1180-3. | 3.64 | 15 | 1 | 166 |
| 16 | Locker D, Jokovic A, Tompson B. Health-related quality of life of children aged 11 to 14 years with orofacial conditions. Cleft Palate Craniofac J. 2005 May;42(3):260-6.  | 3.49 | 16 |  |  |
| 17 | Lee SY, Guilleminault C, Chiu HY, Sullivan SS. Mouth breathing, "nasal disuse," and pediatric sleep-disordered breathing. Sleep Breath. 2015 Dec;19(4):1257-64.  | 3.48 | 17 | 9 | 38 |
| 18 | Rodrigues dos Santos MT, Masiero D, Novo NF, Simionato MR. Oral conditions in children with cerebral palsy. J Dent Child (Chic). 2003 Jan-Apr;70(1):40-6. | 3.36 | 18 | - | - |
| 19 | Chung Leng Muñoz I, Beltri Orta P. Comparison of cephalometric patterns in mouth breathing and nose breathing children. Int J Pediatr Otorhinolaryngol. 2014 Jul;78(7):1167-72. | 3.33 | 19 | 28 | 13 |
| 20 | Huynh NT, Morton PD, Rompré PH, Papadakis A, Remise C. Associations between sleep-disordered breathing symptoms and facial and dental morphometry, assessed with screening examinations. Am J Orthod Dentofacial Orthop. 2011 Dec;140(6):762-70 | 3.33 | 20 | 4 | 66 |
| 21 | Huang YS, Guilleminault C. Pediatric obstructive sleep apnea and the critical role of oral-facial growth: evidences. Front Neurol. 2013 Jan 22;3:184.  | 3.31 | 21 | 12 | 31 |
| 22 | Greenfeld M, Tauman R, DeRowe A, Sivan Y. Obstructive sleep apnea syndrome due to adenotonsillar hypertrophy in infants. Int J Pediatr Otorhinolaryngol. 2003 Oct;67(10):1055-60.  | 3.29 | 22 | 2 | 99 |
| 23 | Lione R, Franchi L, Huanca Ghislanzoni LT, Primozic J, Buongiorno M, Cozza P. Palatal surface and volume in mouth-breathing subjects evaluated with three-dimensional analysis of digital dental casts-a controlled study. Eur J Orthod. 2015 Feb;37(1):101-4. | 3.22 | 23 | 1 | 191 |
| 24 | Moimaz SA, Garbin AJ, Lima AM, Lolli LF, Saliba O, Garbin CA. Longitudinal study of habits leading to malocclusion development in childhood. BMC Oral Health. 2014 Aug 4;14:96. doi: 10.1186/1472-6831-14-96.  | 3.18 | 24 | 5 | 57 |
| 25 | Nogami Y, Saitoh I, Inada E, Murakami D, Iwase Y, Kubota N, Nakamura Y, Kimi M, Hayasaki H, Yamasaki Y, Kaihara Y. Prevalence of an incompetent lip seal during growth periods throughout Japan: a large-scale, survey-based, cross-sectional study. Environ Health Prev Med. 2021 Jan 21;26(1):11. | 3.16 | 25 | 14 | 25 |
| 26 | Góis EG, Ribeiro-Júnior HC, Vale MP, Paiva SM, Serra-Negra JM, Ramos-Jorge ML, Pordeus IA. Influence of nonnutritive sucking habits, breathing pattern and adenoid size on the development of malocclusion. Angle Orthod. 2008 Jul;78(4):647-54 | 3.14 | 26 | 1 | 155 |
| 27 | Urschitz MS, Guenther A, Eitner S, Urschitz-Duprat PM, Schlaud M, Ipsiroglu OS, Poets CF. Risk factors and natural history of habitual snoring. Chest. 2004 Sep;126(3):790-800. | 2.9 | 27 | - | - |
| 28 | Kasparaviciene K, Sidlauskas A, Zasciurinskiene E, Vasiliauskas A, Juodzbalys G, Sidlauskas M, Marmaite U. The prevalence of malocclusion and oral habits among 5-7-year-old children. Med Sci Monit. 2014 Oct 24;20:2036-42. | 2.88 | 28 | - | - |
| 29 | Chen X, Ke ZL, Chen Y, Lin X. The prevalence of sleep problems among children in mainland China: a meta-analysis and systemic-analysis. Sleep Med. 2021 Jul;83:248-255. | 2.88 | 29 | - | - |
| 30 | Germa A, Clément C, Weissenbach M, Heude B, Forhan A, Martin-Marchand L, Bonet M, Vital S, Kaminski M, Nabet C. Early risk factors for posterior crossbite and anterior open bite in the primary dentition. Angle Orthod. 2016 Sep;86(5):832-8. | 2.86 | 30 | 2 | 120 |
| 31 | Cuccia AM, Lotti M, Caradonna D. Oral breathing and head posture. Angle Orthod. 2008 Jan;78(1):77-82. | 2.78 | 31 | 3 | 79 |
| 32 | Liu H, Feng X, Sun Y, Fan Y, Zhang J. Modified adenoid grading system for evaluating adenoid size in children: a prospective validation study. Eur Arch Otorhinolaryngol. 2021 Jun;278(6):2147-2153. | 2.76 | 32 | - | - |
| 33 | Guo H, Wang T, Li X, Ma Q, Niu X, Qiu J. What sleep behaviors are associated with bruxism in children? A systematic review and meta-analysis. Sleep Breath. 2017 Dec;21(4):1013-1023.  | 2.76 | 33 | 9 | 40 |
| 34 | Ng DK, Kwok KL, Cheung JM, Leung SY, Chow PY, Wong WH, Chan CH, Ho JC. Prevalence of sleep problems in Hong Kong primary school children: a community-based telephone survey. Chest. 2005 Sep;128(3):1315-23. | 2.76 | 34 | - | - |
| 35 | Xu Z, Cheuk DK, Lee SL. Clinical evaluation in predicting childhood obstructive sleep apnea. Chest. 2006 Dec;130(6):1765-71.  | 2.73 | 35 | 1 | 152 |
| 36 | Heath DS, El-Hakim H, Al-Rahji Y, Eksteen E, Uwiera TC, Isaac A, Castro-Codesal M, Gerdung C, Maclean J, Mandhane PJ. Development of a pediatric obstructive sleep apnea triage algorithm. J Otolaryngol Head Neck Surg. 2021 Jul 15;50(1):48. | 2.55 | 36 | 1 | 262 |
| 37 | Festa P, Mansi N, Varricchio AM, Savoia F, Calì C, Marraudino C, De Vincentiis GC, Galeotti A. Association between upper airway obstruction and malocclusion in mouth-breathing children. Acta Otorhinolaryngol Ital. 2021 Oct;41(5):436-442 | 2.54 | 37 | 1 | 250 |
| 38 | Farronato M, Lanteri V, Fama A, Maspero C. Correlation between Malocclusion and Allergic Rhinitis in Pediatric Patients: A Systematic Review. Children (Basel). 2020 Nov 27;7(12):260 | 2.64 | 38 | - | - |
| 39 | Motta LJ, Bachiega JC, Guedes CC, Laranja LT, Bussadori SK. Association between halitosis and mouth breathing in children. Clinics (Sao Paulo). 2011;66(6):939-42.  | 2.53 | 39 | 303 | 1 |
| 40 | Li AM, Cheung A, Chan D, Wong E, Ho C, Lau J, Wing YK. Validation of a questionnaire instrument for prediction of obstructive sleep apnea in Hong Kong Chinese children. Pediatr Pulmonol. 2006 Dec;41(12):1153-60 | 2.49 | 40 | 1 | 151 |
| 41 | Shur-Fen Gau S. Prevalence of sleep problems and their association with inattention/hyperactivity among children aged 6-15 in Taiwan. J Sleep Res. 2006 Dec;15(4):403-14. | 2.51 | 41 | 33 | 11 |
| 42 | Sogut A, Altin R, Uzun L, Ugur MB, Tomac N, Acun C, Kart L, Can G. Prevalence of obstructive sleep apnea syndrome and associated symptoms in 3--11-year-old Turkish children. Pediatr Pulmonol. 2005 Mar;39(3):251-6.  | 2.49 | 42 | 0 | 269 |
| 43 | Schütz TC, Dominguez GC, Hallinan MP, Cunha TC, Tufik S. Class II correction improves nocturnal breathing in adolescents. Angle Orthod. 2011 Mar;81(2):222-8.  | 2.47 | 43 | - | - |
| 44 | Lione R, Buongiorno M, Franchi L, Cozza P. Evaluation of maxillary arch dimensions and palatal morphology in mouth-breathing children by using digital dental casts. Int J Pediatr Otorhinolaryngol. 2014 Jan;78(1):91-5. | 2.38 | 44 | - | - |
| 45 | Vieira BB, Itikawa CE, de Almeida LA, Sander HS, Fernandes RM, Anselmo-Lima WT, Valera FC. Cephalometric evaluation of facial pattern and hyoid bone position in children with obstructive sleep apnea syndrome. Int J Pediatr Otorhinolaryngol. 2011 Mar;75(3):383-6.  | 2.4 | 45 | 3 | 85 |
| 46 | de Oliveira AMM, de Melo EGM, Mendes MLT, Dos Santos Oliveira SJG, Tavares CSS, Vaez AC, de Vasconcelos SJA, Santos HP Jr, Santos VS, Martins-Filho PRS. Oral and maxillofacial conditions, dietary aspects, and nutritional status of children with congenital Zika syndrome. Oral Surg Oral Med Oral Pathol Oral Radiol. 2020 Jul;130(1):71-77. | 2.44 | 46 | 5 | 63 |
| 47 | Oliveira AC, Paiva SM, Campos MR, Czeresnia D. Factors associated with malocclusions in children and adolescents with Down syndrome. Am J Orthod Dentofacial Orthop. 2008 Apr;133(4):489.e1-8.  | 2.32 | 47 | - | - |
| 48 | Izuka EN, Feres MF, Pignatari SS. Immediate impact of rapid maxillary expansion on upper airway dimensions and on the quality of life of mouth breathers. Dental Press J Orthod. 2015 May-Jun;20(3):43-9. | 2.31 | 48 | - | - |
| 49 | Chohan A, Lal A, Chohan K, Chakravarti A, Gomber S. Systematic review and meta-analysis of randomized controlled trials on the role of mometasone in adenoid hypertrophy in children. Int J Pediatr Otorhinolaryngol. 2015 Oct;79(10):1599-608. | 2.3 | 49 | 4 | 70 |
| 50 | Castelo PM, Gavião MB, Pereira LJ, Bonjardim LR. Relationship between oral parafunctional/nutritive sucking habits and temporomandibular joint dysfunction in primary dentition. Int J Paediatr Dent. 2005 Jan;15(1):29-36.  | 2.28 | 50 | - | - |
| 51 | Lentini-Oliveira DA, Carvalho FR, Rodrigues CG, Ye Q, Prado LB, Prado GF, Hu R. Orthodontic and orthopaedic treatment for anterior open bite in children. Cochrane Database Syst Rev. 2014 Sep 24;(9): | 2.28 | 51 | 30 | 12 |
| 52 | Qiao Y, Shi H, Wang H, Wang M, Chen F. Oral Health Status of Chinese Children With Autism Spectrum Disorders. Front Psychiatry. 2020 May 5;11:398.  | 2.26 | 52 | 2 | 132 |
| 53 | Guilleminault C, Huang YS, Quo S, Monteyrol PJ, Lin CH. Teenage sleep-disordered breathing: recurrence of syndrome. Sleep Med. 2013 Jan;14(1):37-44. | 2.25 | 53 | 1 | 177 |
| 54 | Oh JS, Zaghi S, Ghodousi N, Peterson C, Silva D, Lavigne GJ, Yoon AJ. Determinants of probable sleep bruxism in a pediatric mixed dentition population: a multivariate analysis of mouth vs. nasal breathing, tongue mobility, and tonsil size. Sleep Med. 2021 Jan;77:7-13.  | 2.23 | 54 | 1 | 252 |
| 55 | Aznar T, Galán AF, Marín I, Domínguez A. Dental arch diameters and relationships to oral habits. Angle Orthod. 2006 May;76(3):441-5. | 2.21 | 55 | 3 | 78 |
| 56 | Compadretti GC, Tasca I, Bonetti GA. Nasal airway measurements in children treated by rapid maxillary expansion. Am J Rhinol. 2006 Jul-Aug;20(4):385-93 | 2.21 | 56 | - | - |
| 57 | Kiliç N, Oktay H. Effects of rapid maxillary expansion on nasal breathing and some naso-respiratory and breathing problems in growing children: a literature review. Int J Pediatr Otorhinolaryngol. 2008 Nov;72(11):1595-601. | 2.2 | 57 | - | - |
| 58 | Kang Q, Cha C, Huang D, Zuo S, Yan X. Evaluation of palatal support tissues for placement of orthodontic mini-implants in mouth breathers with high-narrow palates versus nose breathers with normal palates: a retrospective study. Clin Oral Investig. 2020 Mar;24(3):1259-1267. | 2.15 | 58 | - | - |
| 59 | Serra-Negra JM, Ribeiro MB, Prado IM, Paiva SM, Pordeus IA. Association between possible sleep bruxism and sleep characteristics in children. Cranio. 2017 Sep;35(5):315-320. | 2.15 | 59 | 1 | 217 |
| 60 | Chang L, Wu J, Cao L. Combination of symptoms and oxygen desaturation index in predicting childhood obstructive sleep apnea. Int J Pediatr Otorhinolaryngol. 2013 Mar;77(3):365-71. | 2.1 | 60 | 1 | 219 |
| 61 | Badreddine FR, Fujita RR, Alves FEMM, Cappellette M Jr. Rapid maxillary expansion in mouth breathers: a short-term skeletal and soft-tissue effect on the nose. Braz J Otorhinolaryngol. 2018 Mar-Apr;84(2):196-205. | 2.13 | 61 | 1 | 178 |
| 62 | Medeiros Rodrigues Cardoso A, Duarte Silva CR, Nóbrega Gomes L, Marinho Davino de Medeiros M, Nascimento Padilha WW, Cabral Cavalcanti AF, Leite Cavalcanti A. Prevalence of Malocclusions and Associated Factors inBrazilian Children and Adolescents with CerebralPalsy: A Multi-Institutional Study. Int J Dent. 2020 Aug 29;2020:8856754. | 2.08 | 62 | - | - |
| 63 | Abreu RR, Rocha RL, Lamounier JA, Guerra AF. Etiology, clinical manifestations and concurrent findings in mouth-breathing children. J Pediatr (Rio J). 2008 Nov-Dec;84(6):529-35.  | 2.08 | 63 | 8 | 42 |
| 64 | Tecco S, Festa F, Tete S, Longhi V, D'Attilio M. Changes in head posture after rapid maxillary expansion in mouth-breathing girls: a controlled study. Angle Orthod. 2005 Mar;75(2):171-6.  | 2.05 | 64 | - | - |
| 65 | Occasi F, Perri L, Saccucci M, Di Carlo G, Ierardo G, Luzzi V, De Castro G, Brindisi G, Loffredo L, Duse M, Polimeni A, Zicari AM. Malocclusion and rhinitis in children: an easy-going relationship or a yet to be resolved paradox? A systematic literature revision. Ital J Pediatr. 2018 Aug 22;44(1):100. | 2.04 | 65 | 2 | 129 |
| 66 | Ovsenik M. Incorrect orofacial functions until 5 years of age and their association with posterior crossbite. Am J Orthod Dentofacial Orthop. 2009 Sep;136(3):375-81.  | 2.01 | 66 | 4 | 65 |
| 67 | Koca CF, Erdem T, Bayındır T. The effect of adenoid hypertrophy on maxillofacial development: an objective photographic analysis. J Otolaryngol Head Neck Surg. 2016 Sep 20;45(1):48.  | 1.98 | 67 | 37 | 9 |
| 68 | Guilleminault C, Li K, Quo S, Inouye RN. A prospective study on the surgical outcomes of children with sleep-disordered breathing. Sleep. 2004 Feb 1;27(1):95-100 | 1.99 | 68 | 0 | 268 |
| 69 | Iwasaki T, Saitoh I, Takemoto Y, Inada E, Kanomi R, Hayasaki H, Yamasaki Y. Evaluation of upper airway obstruction in Class II children with fluid-mechanical simulation. Am J Orthod Dentofacial Orthop. 2011 Feb;139(2):e135-45. | 1.97 | 69 | - | - |
| 70 | Serra-Negra JM, Paiva SM, Auad SM, Ramos-Jorge ML, Pordeus IA. Signs, symptoms, parafunctions and associated factors of parent-reported sleep bruxism in children: a case-control study. Braz Dent J. 2012;23(6):746-52. | 1.94 | 70 | - | - |
| 71 | Guilleminault C, Akhtar F. Pediatric sleep-disordered breathing: New evidence on its development. Sleep Med Rev. 2015 Dec;24:46-56.  | 1.93 | 71 | 4 | 71 |
| 72 | Liu X, Ma Y, Wang Y, Jiang Q, Rao X, Lu X, Teng H. Brief report: An epidemiologic survey of the prevalence of sleep disorders among children 2 to 12 years old in Beijing, China. Pediatrics. 2005 Jan;115(1 Suppl):266-8. | 1.95 | 72 | 1 | 179 |
| 73 | Pereira LJ, Pereira-Cenci T, Del Bel Cury AA, Pereira SM, Pereira AC, Ambosano GM, Gavião MB. Risk indicators of temporomandibular disorder incidences in early adolescence. Pediatr Dent. 2010 Jul-Aug;32(4):324-8. . | 1.93 | 73 | - | - |
| 74 | Sousa JB, Anselmo-Lima WT, Valera FC, Gallego AJ, Matsumoto MA. Cephalometric assessment of the mandibular growth pattern in mouth-breathing children. Int J Pediatr Otorhinolaryngol. 2005 Mar;69(3):311-7 | 1.92 | 74 | - | - |
| 75 | Huang YS, Wang CH, Guilleminault C. An epidemiologic study of sleep problems among adolescents in North Taiwan. Sleep Med. 2010 Dec;11(10):1035-42.  | 1.91 | 75 | - | - |
| 76 | Koletsi D, Makou M, Pandis N. Effect of orthodontic management and orofacial muscle training protocols on the correction of myofunctional and myoskeletal problems in developing dentition. A systematic review and meta-analysis. Orthod Craniofac Res. 2018 Nov;21(4):202-215 | 1.88 | 76 | 5 | 62 |
| 77 | Ceroni Compadretti G, Tasca I, Alessandri-Bonetti G, Peri S, D'Addario A. Acoustic rhinometric measurements in children undergoing rapid maxillary expansion. Int J Pediatr Otorhinolaryngol. 2006 Jan;70(1):27-34. | 1.86 | 77 | - | - |
| 78 | Li AM, Chan MH, Yin J, So HK, Ng SK, Chan IH, Lam CW, Wing YK, Ng PC. C-reactive protein in children with obstructive sleep apnea and the effects of treatment. Pediatr Pulmonol. 2008 Jan;43(1):34-40 | 1.86 | 78 | - | - |
| 79 | Lessa FC, Enoki C, Feres MF, Valera FC, Lima WT, Matsumoto MA. Breathing mode influence in craniofacial development. Braz J Otorhinolaryngol. 2005 Mar-Apr;71(2):156-60. doi: 10.1016/s1808-8694(15)31304-5.  | 1.86 | 79 | - | - |
| 80 | Rossi RC, Rossi NJ, Rossi NJ, Yamashita HK, Pignatari SS. Dentofacial characteristics of oral breathers in different ages: a retrospective case-control study. Prog Orthod. 2015;16:23. | 1.86 | 80 | 3 | 92 |
| 81 | Azevedo ND, Lima JC, Furlan RMMM, Motta AR. Tongue pressure measurement in children with mouth-breathing behaviour. J Oral Rehabil. 2018 Aug;45(8):612-617. | 1.85 | 81 | 12 | 32 |
| 82 | Luzzi V, Ierardo G, Viscogliosi A, Fabbrizi M, Consoli G, Vozza I, Vestri A, Polimeni A. Allergic rhinitis as a possible risk factor for malocclusion: a case-control study in children. Int J Paediatr Dent. 2013 Jul;23(4):274-8. | 1.83 | 82 | 6 | 52 |
| 83 | Stensson M, Wendt LK, Koch G, Oldaeus G, Birkhed D. Oral health in preschool children with asthma. Int J Paediatr Dent. 2008 Jul;18(4):243-50.  | 1.81 | 83 | 1 | 233 |
| 84 | Ji T, Lu T, Qiu Y, Li X, Liu Y, Tai J, Guo Y, Zhang J, Wang S, Zhao J, Ni X, Xu Z. The efficacy and safety of montelukast in children with obstructive sleep apnea: a systematic review and meta-analysis. Sleep Med. 2021 Feb;78:193-201 | 1.82 | 84 | - | - |
| 85 | Soh HJ, Rowe K, Davey MJ, Horne RSC, Nixon GM. The OSA-5: Development and validation of a brief questionnaire screening tool for obstructive sleep apnea in children. Int J Pediatr Otorhinolaryngol. 2018 Oct;113:62-66. | 1.8 | 85 | 0 | 280 |
| 86 | Garde JB, Suryavanshi RK, Jawale BA, Deshmukh V, Dadhe DP, Suryavanshi MK. An epidemiological study to know the prevalence of deleterious oral habits among 6 to 12 year old children. J Int Oral Health. 2014 Feb;6(1):39-43. | 1.82 | 86 | - | - |
| 87 | Langer MR, Itikawa CE, Valera FC, Matsumoto MA, Anselmo-Lima WT. Does rapid maxillary expansion increase nasopharyngeal space and improve nasal airway resistance? Int J Pediatr Otorhinolaryngol. 2011 Jan;75(1):122-5.  | 1.8 | 87 | - | - |
| 88 | Tecco S, Caputi S, Festa F. Evaluation of cervical posture following palatal expansion: a 12-month follow-up controlled study. Eur J Orthod. 2007 Feb;29(1):45-51 | 1.78 | 88 | - | - |
| 89 | Brahm P, Valdés V. The benefits of breastfeeding and associated risks of replacement with baby formulas. Rev Chil Pediatr. 2017 Feb;88(1):7-14. | 1.75 | 89 | 26 | 15 |
| 90 | Pacheco MC, Casagrande CF, Teixeira LP, Finck NS, de Araújo MT. Guidelines proposal for clinical recognition of mouth breathing children. Dental Press J Orthod. 2015 Jul-Aug;20(4):39-44 | 1.73 | 90 | 9 | 39 |
| 91 | Ovsenik M, Farcnik FM, Korpar M, Verdenik I. Follow-up study of functional and morphological malocclusion trait changes from 3 to 12 years of age. Eur J Orthod. 2007 Oct;29(5):523-9 | 1.74 | 91 | 10 | 35 |
| 92 | Alqutami J, Elger W, Grafe N, Hiemisch A, Kiess W, Hirsch C. Dental health, halitosis and mouth breathing in 10-to-15 year old children: A potential connection. Eur J Paediatr Dent. 2019 Dec;20(4):274-279.  | 1.69 | 92 | - | - |
| 93 | Lee DW, Kim JG, Yang YM. Influence of mouth breathing on atopic dermatitis risk and oral health in children: A population-based cross-sectional study. J Dent Sci. 2021 Jan;16(1):178-185.  | 1.69 | 93 | 8 | 44 |
| 94 | Fan C, Guo L, Gu H, Huo Y, Lin H. Alterations in Oral-Nasal-Pharyngeal Microbiota and Salivary Proteins in Mouth-Breathing Children. Front Microbiol. 2020 Oct 9;11:575550.  | 1.69 | 94 | 3 | 97 |
| 95 | Chirakalwasan N, Ruxrungtham K. The linkage of allergic rhinitis and obstructive sleep apnea. Asian Pac J Allergy Immunol. 2014 Dec;32(4):276-86. | 1.68 | 95 | 4 | 69 |
| 96 | Li HY, Lee LA. Sleep-disordered breathing in children. Chang Gung Med J. 2009 May-Jun;32(3):247-57.  | 1.66 | 96 | 0 | 274 |
| 97 | Masoud AI, Jackson GW, Carley DW. Sleep and airway assessment: A review for dentists. Cranio. 2017 Jul;35(4):206-222.  | 1.65 | 97 | - | - |
| 98 | Laganà G, Masucci C, Fabi F, Bollero P, Cozza P. Prevalence of malocclusions, oral habits and orthodontic treatment need in a 7- to 15-year-old schoolchildren population in Tirana. Prog Orthod. 2013 Jun 14;14:12. | 1.64 | 98 | - | - |
| 99 | Ding XX, Zhao LQ, Cui XG, Yin Y, Yang HA. Clinical observation of soft palate-pharyngoplasty in the treatment of obstructive sleep apnea hypopnea syndrome in children. World J Clin Cases. 2020 Feb 26;8(4):679-688. | 1.62 | 99 | - | - |
| 100 | Li AM, Hung E, Tsang T, Yin J, So HK, Wong E, Fok TF, Ng PC. Induced sputum inflammatory measures correlate with disease severity in children with obstructive sleep apnoea. Thorax. 2007 Jan;62(1):75-9.  | 1.6 | 100 | 0 | 271 |
| 101 | Neiva PD, Kirkwood RN, Godinho R. Orientation and position of head posture, scapula and thoracic spine in mouth-breathing children. Int J Pediatr Otorhinolaryngol. 2009 Feb;73(2):227-36.  | 1.6 | 101 | 197 | 2 |
| 102 | Zheng W, Zhang X, Dong J, He J. Facial morphological characteristics of mouth breathers vs. nasal breathers: A systematic review and meta-analysis of lateral cephalometric data. Exp Ther Med. 2020 Jun;19(6):3738-3750.  | 1.54 | 107 | 194 | 3 |
| 103 | Al Ali A, Richmond S, Popat H, Playle R, Pickles T, Zhurov AI, Marshall D, Rosin PL, Henderson J, Bonuck K. The influence of snoring, mouth breathing and apnoea on facial morphology in late childhood: a three-dimensional study. BMJ Open. 2015 Sep 8;5(9):e009027.  | 1.53 | 109 | 95 | 5 |
| 104 | Prado IM, Abreu LG, Silveira KS, Auad SM, Paiva SM, Manfredini D, Serra-Negra JM. Study of Associated Factors With Probable Sleep Bruxism Among Adolescents. J Clin Sleep Med. 2018 Aug 15;14(8):1369-1376.  | 1.51 | 111 | 60 | 6 |
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| 135 | Ikävalko T, Närhi M, Eloranta AM, Lintu N, Myllykangas R, Vierola A, Tuomilehto H, Lakka T, Pahkala R. Predictors of sleep disordered breathing in children: the PANIC study. Eur J Orthod. 2018 May 25;40(3):268-272. | 0.81 | 230 | 5 | 61 |
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| 143 | Matsumoto MA, Romano FL, Ferreira JT, Valério RA. Open bite: diagnosis, treatment and stability. Braz Dent J. 2012;23(6):768-78 | 0.59 | 304 | 4 | 76 |
| 144 | Türkoğlu Babakurban S, Aydın E. Adenoidectomy: current approaches and review of the literature. Kulak Burun Bogaz Ihtis Derg. 2016 May-Jun;26(3):181-90. | 0.58 | 310 | 4 | 77 |
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| 146 | Bonuck K, Rao T, Xu L. Pediatric sleep disorders and special educational need at 8 years: a population-based cohort study. Pediatrics. 2012 Oct;130(4):634-42 | 0.54 | 329 | 3 | 82 |
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| 148 | Orji FT, Adiele DK, Umedum NG, Akpeh JO, Ofoegbu VC, Nwosu JN. The clinical and radiological predictors of pulmonary hypertension in children with adenotonsillar hypertrophy. Eur Arch Otorhinolaryngol. 2017 Mar;274(3):1237-1243.  | 0.54 | 331 | 3 | 84 |
| 149 | Sauer C, Schlüter B, Hinz R, Gesch D. Childhood obstructive sleep apnea syndrome: an interdisciplinary approach: a prospective epidemiological study of 4,318 five-and-a-half-year-old children. J Orofac Orthop. 2012 Sep;73(5):342-58. | 0.52 | 335 | 3 | 86 |
| 150 | Sabatucci A, Raffaeli F, Mastrovincenzo M, Luchetta A, Giannone A, Ciavarella D. Breathing pattern and head posture: changes in craniocervical angles. Minerva Stomatol. 2015 Apr;64(2):59-74.  | 0.46 | 356 | 3 | 87 |
| 151 | Bianchini AP, Guedes ZC, Vieira MM. A study on the relationship between mouth breathing and facial morphological pattern. Braz J Otorhinolaryngol. 2007 Jul-Aug;73(4):500-5. | 0.45 | 359 | 3 | 88 |
| 152 | Bueno Dde A, Grechi TH, Trawitzki LV, Anselmo-Lima WT, Felício CM, Valera FC. Muscular and functional changes following adenotonsillectomy in children. Int J Pediatr Otorhinolaryngol. 2015 Apr;79(4):537-40. | 0.43 | 373 | 3 | 89 |
| 153 | Rabasco J, Vigo A, Vitelli O, Noce S, Pietropaoli N, Evangelisti M, Pia Villa M. Apparent life-threatening events could be a wake-up call for sleep disordered breathing. Pediatr Pulmonol. 2016 Dec;51(12):1403-1408. | 0.35 | 393 | 3 | 90 |
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| 156 | Niaki EA, Chalipa J, Taghipoor E. Evaluation of oxygen saturation by pulse-oximetry in mouth breathing patients. Acta Med Iran. 2010 Jan-Feb;48(1):9-11. | 0.24 | 441 | 3 | 94 |
| 157 | Won DC, Guilleminault C, Koltai PJ, Quo SD, Stein MT, Loe IM. It Is Just Attention-Deficit Hyperactivity Disorder…or Is It? J Dev Behav Pediatr. 2017 Feb/Mar;38(2):169-172.  | 0.23 | 443 | 3 | 95 |
| 158 | Vergotine RJ, de Lobos MR, Montero-Fayad M. Harlequin ichthyosis: a case report. Pediatr Dent. 2013;35(7):497-9.  | 0.1 | 482 | 3 | 96 |
| 159 | Mun IK, Yoo SH, Mo JH. Long-term outcome of concurrent coblator turbinoplasty with adenotonsillectomy in children with allergic rhinitis. Acta Otolaryngol. 2021 Mar;141(3):286-292 | 0 | 513 | 3 | 98 |
| 160 | Bawazir OA. Risk Factors, Diagnosis, and Management of Halitosis in Children: A Comprehensive Review. J Contemp Dent Pract. 2021 Aug 1;22(8):959-963.  | 0 | 528 | 2 | 100 |
| De los 100 artículos sobre RB identificados por tener los valores más altos de RCR en el periodo 2002-2021, 40 fueron también identificados entre los 100 con más AAS, mientras que 60 no estaban en ambas listas. \* Del ranking de 558 artículos seleccionados \*\* Del ranking de 286 artículos recuperados en Almetrics.com |