

Maria Pia Villa

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

3,757
citations

126907
33
h-index

138484
58
g-index

104
all docs

104
docs citations

104
times ranked

3602
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Obstructive sleep disordered breathing in 2- to 18-year-old children: diagnosis and management. European Respiratory Journal, 2016, 47, 69-94. | 6.7 | 572 |
| 2 | Rapid maxillary expansion in children with obstructive sleep apnea syndrome: 12-month follow-up. Sleep Medicine, 2007, 8, 128-134. | 1.6 | 206 |
| 3 | Efficacy of rapid maxillary expansion in children with obstructive sleep apnea syndrome: 36 months of follow-up. Sleep and Breathing, 2011, 15, 179-184. | 1.7 | 169 |
| 4 | Changes in sleep patterns and disturbances in children and adolescents in Italy during the Covid-19 outbreak. Sleep Medicine, 2022, 91, 166-174. | 1.6 | 128 |
| 5 | ERS statement on obstructive sleep disordered breathing in 1- to 23-month-old children. European Respiratory Journal, 2017, 50, 1700985. | 6.7 | 116 |
| 6 | Sleep clinical record: an aid to rapid and accurate diagnosis of paediatric sleep disordered breathing. European Respiratory Journal, 2013, 41, 1355-1361. | 6.7 | 98 |
| 7 | 8-Isoprostane in Exhaled Breath Condensate and Exercise-Induced Bronchoconstriction in Asthmatic Children and Adolescents. Chest, 2009, 135, 66-73. | 0.8 | 97 |
| 8 | NREM sleep instability is reduced in children with attention-deficit/hyperactivity disorder. Sleep, 2006, 29, 797-803. | 1.1 | 97 |
| 9 | Melatonin to prevent migraine or tension-type headache in children. Neurological Sciences, 2008, 29, 285-287. | 1.9 | 92 |
| 10 | Respiratory syncytial virus bronchiolitis, weather conditions and air pollution in an Italian urban area: An observational study. Environmental Research, 2017, 158, 188-193. | 7.5 | 85 |
| 11 | Oropharyngeal exercises to reduce symptoms of OSA after AT. Sleep and Breathing, 2015, 19, 281-289. | 1.7 | 83 |
| 12 | Nutritional Deficiencies in Children with Celiac Disease Resulting from a Gluten-Free Diet: A Systematic Review. Nutrients, 2019, 11, 1588. | 4.1 | 83 |
| 13 | Rapid Maxillary Expansion for the Treatment of Nasal Obstruction in Children Younger Than 12 Years. JAMA Otolaryngology, 2009, 135, 22. | 1.2 | 75 |
| 14 | Can myofunctional therapy increase tongue tone and reduce symptoms in children with sleep-disordered breathing?. Sleep and Breathing, 2017, 21, 1025-1032. | 1.7 | 72 |
| 15 | Diagnosis of Pediatric Obstructive Sleep Apnea Syndrome in Settings With Limited Resources. JAMA Otolaryngology - Head and Neck Surgery, 2015, 141, 990. | 2.2 | 68 |
| 16 | Rapid maxillary expansion outcomes in treatment of obstructive sleep apnea in children. Sleep Medicine, 2015, 16, 709-716. | 1.6 | 68 |
| 17 | Neurocognitive assessment and sleep analysis in children with sleep-disordered breathing. Clinical Neurophysiology, 2011, 122, 311-319. | 1.5 | 66 |
| 18 | Effects of Sleep Stage and Age on Short-term Heart Rate Variability During Sleep in Healthy Infants and Children. Chest, 2000, 117, 460-466. | 0.8 | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Reduced NREM Sleep Instability in Children with Sleep Disordered Breathing. <i>Sleep</i> , 2007, 30, 450-457. | 1.1 | 61 |
| 20 | The sleep phenotypes of attention deficit hyperactivity disorder: The role of arousal during sleep and implications for treatment. <i>Medical Hypotheses</i> , 2012, 79, 147-153. | 1.5 | 59 |
| 21 | Adenotonsillectomy and orthodontic therapy in pediatric obstructive sleep apnea. <i>Sleep and Breathing</i> , 2014, 18, 533-539. | 1.7 | 58 |
| 22 | Autonomic Cardiovascular Tests in Children with Obstructive Sleep Apnea Syndrome. <i>Sleep</i> , 2010, 33, 1349-1355. | 1.1 | 57 |
| 23 | Food protein-induced allergic proctocolitis in infants: Literature review and proposal of a management protocol. <i>World Allergy Organization Journal</i> , 2020, 13, 100471. | 3.5 | 51 |
| 24 | Mandibular advancement devices are an alternative and valid treatment for pediatric obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012, 16, 971-976. | 1.7 | 50 |
| 25 | Gut microbiota composition in children with obstructive sleep apnoea syndrome: a pilot study. <i>Sleep Medicine</i> , 2020, 76, 140-147. | 1.6 | 49 |
| 26 | Management of Childhood Headache in the Emergency Department. Review of the Literature. <i>Frontiers in Neurology</i> , 2019, 10, 886. | 2.4 | 48 |
| 27 | NREM sleep instability changes following rapid maxillary expansion in children with obstructive apnea sleep syndrome. <i>Sleep Medicine</i> , 2009, 10, 471-478. | 1.6 | 46 |
| 28 | Diagnostic criteria currently proposed for "ictal epileptic headache": Perspectives on strengths, weaknesses and pitfalls. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 31, 56-63. | 2.0 | 43 |
| 29 | Prevalence of EEG Paroxysmal Activity in a Population of Children with Obstructive Sleep Apnea Syndrome. <i>Sleep</i> , 2009, 32, 522-529. | 1.1 | 38 |
| 30 | Early cardiac abnormalities and increased C-reactive protein levels in a cohort of children with sleep disordered breathing. <i>Sleep and Breathing</i> , 2012, 16, 101-110. | 1.7 | 36 |
| 31 | Lead neurotoxicity in children: is prenatal exposure more important than postnatal exposure?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 474-474. | 1.5 | 35 |
| 32 | Neuropsychiatric manifestations in celiac disease. <i>Epilepsy and Behavior</i> , 2019, 99, 106393. | 1.7 | 35 |
| 33 | Visual scoring of sleep: A comparison between the Rechtschaffen and Kales criteria and the American Academy of Sleep Medicine criteria in a pediatric population with obstructive sleep apnea syndrome. <i>Clinical Neurophysiology</i> , 2010, 121, 39-42. | 1.5 | 34 |
| 34 | "Atypical forms" of benign epilepsy with centrotemporal spikes (BECTS): How to diagnose and guide these children. A practical/scientific approach. <i>Epilepsy and Behavior</i> , 2017, 75, 165-169. | 1.7 | 34 |
| 35 | Vertigo/dizziness in pediatric emergency department: Five years' experience. <i>Cephalalgia</i> , 2016, 36, 593-598. | 3.9 | 33 |
| 36 | Impact of obesity on cognitive outcome in children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2015, 16, 625-630. | 1.6 | 32 |

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|----|--|-----|-----------|
| 37 | Headache and attention deficit and hyperactivity disorder in children: Common condition with complex relation and disabling consequences. <i>Epilepsy and Behavior</i> , 2014, 32, 72-75. | 1.7 | 31 |
| 38 | Off-line exhaled nitric oxide measurements in children. <i>Pediatric Pulmonology</i> , 2001, 32, 159-167. | 2.0 | 29 |
| 39 | Relationship between sleep disorders and gut dysbiosis: what affects what?. <i>Sleep Medicine</i> , 2021, 87, 1-7. | 1.6 | 29 |
| 40 | Cognitive Profile, Parental Education and BMI in Children: Reflections on Common Neuroendocrinobiological Roots. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010, 23, 1133-41. | 0.9 | 28 |
| 41 | Sleep Architecture in Children With Common Phenotype of Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 9-14. | 2.6 | 28 |
| 42 | Fewer Spontaneous Arousals in Infants with Apparent Life-Threatening Event. <i>Sleep</i> , 2011, 34, 733-743. | 1.1 | 26 |
| 43 | Allergic Proctocolitis Is a Risk Factor for Functional Gastrointestinal Disorders in Children. <i>Journal of Pediatrics</i> , 2018, 195, 128-133.e1. | 1.8 | 26 |
| 44 | Changes in serum levels of kynurenine metabolites in paediatric patients affected by ADHD. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 1433-1441. | 4.7 | 25 |
| 45 | Urinary concentration of 8-isoprostane as marker of severity of pediatric OSAS. <i>Sleep and Breathing</i> , 2014, 18, 723-729. | 1.7 | 23 |
| 46 | Cannabidiol Treatment for Refractory Epilepsies in Pediatrics. <i>Frontiers in Pharmacology</i> , 2020, 11, 586110. | 3.5 | 23 |
| 47 | Cyclic Vomiting Syndrome in Children. <i>Frontiers in Neurology</i> , 2020, 11, 583425. | 2.4 | 23 |
| 48 | Use of the sleep clinical record in the follow-up of children with obstructive sleep apnea (OSA) after treatment. <i>Sleep and Breathing</i> , 2016, 20, 321-329. | 1.7 | 21 |
| 49 | Short lingual frenulum as a risk factor for sleep-disordered breathing in school-age children. <i>Sleep Medicine</i> , 2020, 66, 119-122. | 1.6 | 20 |
| 50 | Ictal Epileptic Headache: When Terminology Is Not a Moot Question. <i>Frontiers in Neurology</i> , 2019, 10, 785. | 2.4 | 19 |
| 51 | An observational study of fixed-dose Tanacetum parthenium nutraceutical preparation for prophylaxis of pediatric headache. <i>Italian Journal of Pediatrics</i> , 2019, 45, 36. | 2.6 | 18 |
| 52 | Obstructive Sleep Apnea in School-Aged Children Presented with Nocturnal Enuresis. <i>Lung</i> , 2020, 198, 187-194. | 3.3 | 18 |
| 53 | Paroxysmal activity and seizures associated with sleep breathing disorder in children: A possible overlap between diurnal and nocturnal symptoms. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 547-552. | 2.0 | 16 |
| 54 | Sleep cyclic alternating pattern analysis in infants with apparent life-threatening events: A daytime polysomnographic study. <i>Clinical Neurophysiology</i> , 2012, 123, 1346-1352. | 1.5 | 16 |

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|----|--|-----|-----------|
| 55 | Autonomic imbalance during apneic episodes in pediatric obstructive sleep apnea. Clinical Neurophysiology, 2016, 127, 551-555. | 1.5 | 15 |
| 56 | SURGICAL AND NON-SURGICAL THERAPY OF OBSTRUCTIVE SLEEP APNEA SYNDROME IN CHILDREN. Acta Medica (Hradec Kralove), 2014, 57, 135-141. | 0.5 | 14 |
| 57 | Cannabidiol as potential treatment in refractory pediatric epilepsy. Expert Review of Neurotherapeutics, 2016, 16, 17-21. | 2.8 | 14 |
| 58 | Cognitive function in preschool children with sleep-disordered breathing. Sleep and Breathing, 2015, 19, 1431-1437. | 1.7 | 13 |
| 59 | Antibiotic Prophylaxis for Percutaneous Endoscopic Gastrostomy in Children. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 366-371. | 1.8 | 12 |
| 60 | Bronchoalveolar lavage in children with chronic diffuse parenchymal lung disease. , 1999, 27, 395-402. | | 11 |
| 61 | Exhaled nitric oxide and other exhaled biomarkers in bronchial challenge with exercise in asthmatic children: current knowledge. Paediatric Respiratory Reviews, 2015, 16, 68-74. | 1.8 | 11 |
| 62 | Pyridostigmine in Pediatric Intestinal Pseudo-obstruction: Case Report of a 2-year Old Girl and Literature Review. Journal of Neurogastroenterology and Motility, 2019, 25, 508-514. | 2.4 | 11 |
| 63 | Caustic Ingestion in Children. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 19-22. | 1.8 | 11 |
| 64 | Enteroscopy in children and adults with inflammatory bowel disease. World Journal of Gastroenterology, 2020, 26, 5944-5958. | 3.3 | 11 |
| 65 | Cellular and noncellular components of bronchoalveolar lavage fluid in HIV-infected children with radiological evidence of interstitial lung damage. Pediatric Pulmonology, 2001, 31, 205-213. | 2.0 | 10 |
| 66 | Gastroesophageal reflux disease vs. Panayiotopoulos syndrome: An underestimated misdiagnosis in pediatric age?. Epilepsy and Behavior, 2014, 41, 6-10. | 1.7 | 10 |
| 67 | Vitamin D levels in children affected by vernal keratoconjunctivitis. Current Medical Research and Opinion, 2017, 33, 269-274. | 1.9 | 10 |
| 68 | Eosinophilic Esophagitis in Children: Clinical Findings and Diagnostic Approach. Current Pediatric Reviews, 2020, 16, 206-214. | 0.8 | 10 |
| 69 | Myocardial strain on admission predicts disease severity in infants hospitalized for bronchiolitis. Pediatric Pulmonology, 2020, 55, 1217-1223. | 2.0 | 9 |
| 70 | Faecal calprotectin and ultrasonography as non-invasive screening tools for detecting colorectal polyps in children with sporadic rectal bleeding: a prospective study. Italian Journal of Pediatrics, 2020, 46, 66. | 2.6 | 9 |
| 71 | Apparent life-threatening events could be a wake-up call for sleep disordered breathing. Pediatric Pulmonology, 2016, 51, 1403-1408. | 2.0 | 8 |
| 72 | Sleep cyclic alternating pattern analysis in healthy children during the first year of life: A daytime polysomnographic study. Brain and Development, 2011, 33, 421-427. | 1.1 | 7 |

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|----|--|-----|-----------|
| 73 | A reappraisal of the value of video-EEG recording in the emergency department. Expert Review of Neurotherapeutics, 2020, 20, 459-475. | 2.8 | 7 |
| 74 | Epilepsy and Sleep-Disordered Breathing as False Friends. Journal of Child Neurology, 2014, 29, NP114-NP117. | 1.4 | 6 |
| 75 | “EEG abnormalities” may represent a confounding factor in celiac disease: A 4-year follow-up family report. Epilepsy & Behavior Case Reports, 2014, 2, 40-42. | 1.5 | 6 |
| 76 | Ehlers-“Danlos syndrome: A cause of epilepsy and periventricular heterotopia. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 819-824. | 2.0 | 6 |
| 77 | Sleep clinical record: what differences in school and preschool children?. ERJ Open Research, 2016, 2, 00049-2015. | 2.6 | 6 |
| 78 | Oximetry in obese children with sleep-disordered breathing. Sleep Medicine, 2016, 27-28, 86-91. | 1.6 | 6 |
| 79 | Comparison of two exhaled biomarkers in children with and without sleep disordered breathing. Sleep Medicine, 2018, 45, 83-88. | 1.6 | 6 |
| 80 | Management of children presenting with low back pain to emergency department.. American Journal of Emergency Medicine, 2019, 37, 672-679. | 1.6 | 6 |
| 81 | The short evaluation of orofacial myofunctional protocol (ShOM) and the sleep clinical record in pediatric obstructive sleep apnea. International Journal of Pediatric Otorhinolaryngology, 2020, 137, 110240. | 1.0 | 6 |
| 82 | Gelastic epilepsy without hypothalamic hamartoma: Three additional cases. Epilepsy and Behavior, 2014, 37, 87-90. | 1.7 | 5 |
| 83 | Preventive nasal bacteriotherapy for the treatment of upper respiratory tract infections and sleep disordered breathing in children. International Journal of Pediatric Otorhinolaryngology, 2018, 110, 43-47. | 1.0 | 5 |
| 84 | Urinary and exhaled biomarkers of exercise-induced bronchoconstriction in atopic asthmatic children. Pediatric Pulmonology, 2019, 54, 1447-1456. | 2.0 | 5 |
| 85 | The importance of screening in children who snore. Breathe, 2019, 15, 135-136. | 1.3 | 5 |
| 86 | Pulmonary Function Testing in Asthmatic Children. Tests to Assess Outpatients During the Covid-19 Pandemic. Frontiers in Pediatrics, 2020, 8, 571112. | 1.9 | 5 |
| 87 | Unilateral periventricular heterotopia and epilepsy in a girl with Ehlers-“Danlos syndrome. Epilepsy & Behavior Case Reports, 2015, 4, 27-29. | 1.5 | 3 |
| 88 | Acute diplopia in the pediatric Emergency Department. A cohort multicenter Italian study. European Journal of Paediatric Neurology, 2017, 21, 722-729. | 1.6 | 3 |
| 89 | OSAS treatments: is treating shape enough?. Sleep Medicine, 2021, 79, 122-123. | 1.6 | 3 |
| 90 | Systemic corticosteroids could be used as bridge treatment in children with obstructive sleep apnea syndrome waiting for surgery. Sleep and Breathing, 2022, 26, 879-885. | 1.7 | 3 |

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|-----|---|-----|-----------|
| 91 | Omental Infarction. Pediatric Emergency Care, 2020, Publish Ahead of Print, . | 0.9 | 3 |
| 92 | Intestinal permeability in children with recurrent respiratory and gastrointestinal symptoms. Journal of Paediatrics and Child Health, 2015, 51, 1214-1220. | 0.8 | 2 |
| 93 | Hypoglycemia in a Pediatric Emergency Department. Pediatric Emergency Care, 2022, 38, e404-e409. | 0.9 | 2 |
| 94 | Screening and Follow-up of Children Who Snore When Polysomnography Is Not Available. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 711. | 2.2 | 1 |
| 95 | Response to the letter "What is the role of ADHD symptoms in obesity affecting cognitive outcome?". Sleep Medicine, 2016, 17, 164. | 1.6 | 1 |
| 96 | Oropharyngeal Exercises for Treatment of Pediatric Obstructive Sleep-Disordered Breathing. Current Sleep Medicine Reports, 2019, 5, 33-40. | 1.4 | 1 |
| 97 | Myofunctional Approaches to Pediatric Sleep Medicine. , 2021, , 493-500. | | 1 |
| 98 | Complementary treatments for OSAS: when to intervene?. Sleep Medicine, 2021, 80, 216-217. | 1.6 | 1 |
| 99 | Quality of the Italian Websites for Parental Guidance on the Indications for Tonsillectomy in Children. International Archives of Otorhinolaryngology, 2021, 25, e446-e452. | 0.8 | 1 |
| 100 | "Thinking over the consensus view on the Panayiotopoulos syndrome". Developmental Medicine and Child Neurology, 2006, 48, 702-703. | 2.1 | 0 |
| 101 | Prevalence of EEG Paroxysmal Activity in a Population of Children with Obstructive Sleep Apnea Syndrome. Sleep, 2009, , . | 1.1 | 0 |
| 102 | Mandibular Advancement Devices. , 2012, , 541-551. | | 0 |
| 103 | Sleep Clinical Record application in Brazilian children and its comparison with Italian children. Sleep Medicine: X, 2019, 1, 100008. | 1.5 | 0 |
| 104 | OSAS and upper airway resistance syndrome. , 2021, , 718-724. | | 0 |