Ambrosina Michelotti

List of Publications by Year
in descending order

84 papers	5,537 citations	126858 33 h-index	82499 72 g-index
86 all docs	86 docs citations	86 times ranked	3865 citing authors

#	Article	IF	Citations
1	Diagnostic Criteria for Temporomandibular Disorders (DC/TMD) for Clinical and Research Applications: Recommendations of the International RDC/TMD Consortium Network* and Orofacial Pain Special Interest Groupâ€. Journal of Oral and Facial Pain and Headache, 2014, 28, 6-27.	0.7	2,581
2	Effectiveness of Manual Therapy and Therapeutic Exercise for Temporomandibular Disorders: Systematic Review and Meta-Analysis. Physical Therapy, 2016, 96, 9-25.	1.1	241
3	Oral parafunctions as risk factors for diagnostic TMD subgroups. Journal of Oral Rehabilitation, 2010, 37, 157-162.	1.3	169
4	Home-exercise regimes for the management of non-specific temporomandibular disorders. Journal of Oral Rehabilitation, 2005, 32, 779-785.	1.3	127
5	Evaluation of the short-term effectiveness of education versus an occlusal splint for the treatment of myofascial pain of the jaw muscles. Journal of the American Dental Association, 2012, 143, 47-53.	0.7	108
6	The diagnostic value of pressure algometry in myofascial pain of the jaw muscles. Journal of Oral Rehabilitation, 2000, 27, 9-14.	1.3	97
7	Effect of Occlusal Interference on Habitual Activity of Human Masseter. Journal of Dental Research, 2005, 84, 644-648.	2.5	90
8	The additional value of a home physical therapy regimen versus patient education only for the treatment of myofascial pain of the jaw muscles: short-term results of a randomized clinical trial. Journal of Orofacial Pain, 2004, 18, 114-25.	1.7	77
9	Dental occlusion and posture: an overview. Progress in Orthodontics, 2011, 12, 53-58.	1.3	67
10	Mandibular rest position and electrical activity of the masticatory muscles. Journal of Prosthetic Dentistry, 1997, 78, 48-53.	1.1	66
11	The effectiveness of different mandibular advancement amounts in OSA patients: a systematic review and meta-regression analysis. Sleep and Breathing, 2016, 20, 911-919.	0.9	64
12	Cardiovascular responses in humans to experimental chewing of gums of different consistencies. Archives of Oral Biology, 1999, 44, 835-842.	0.8	60
13	The curve of Spee and craniofacial morphology: a multiple regression analysis. European Journal of Oral Sciences, 2002, 110, 277-281.	0.7	58
14	Masseter thickness, endurance and exercise-induced pain in subjects with different vertical craniofacial morphology. European Journal of Oral Sciences, 2003, 111, 183-188.	0.7	57
15	Postural stability and unilateral posterior crossbite: Is there a relationship?. Neuroscience Letters, 2006, 392, 140-144.	1.0	55
16	The Role of Stress in the Etiology of Oral Parafunction and Myofascial Pain. Oral and Maxillofacial Surgery Clinics of North America, 2018, 30, 369-379.	0.4	55
17	Effects of prolonged gum chewing on pain and fatigue in human jaw muscles. European Journal of Oral Sciences, 2001, 109, 81-85.	0.7	54
18	Prevalence of malocclusion, oral parafunctions and temporomandibular disorderâ€pain in Italian schoolchildren: An epidemiological study. Journal of Oral Rehabilitation, 2019, 46, 611-616.	1.3	52

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19	Effects of orthognathic surgery for class III malocclusion on signs and symptoms of temporomandibular disorders and on pressure pain thresholds of the jaw muscles. International Journal of Oral and Maxillofacial Surgery, 2007, 36, 583-587.	0.7	51
20	Association between posterior crossbite, masticatory muscle pain, and disc displacement: a systematic review. European Journal of Orthodontics, 2013, 35, 737-744.	1.1	51
21	Association between posterior crossbite, skeletal, and muscle asymmetry: a systematic review. European Journal of Orthodontics, 2016, 38, 638-651.	1.1	50
22	Frequency of daytime tooth clenching episodes in individuals affected by masticatory muscle pain and pain-free controls during standardized ability tasks. Clinical Oral Investigations, 2017, 21, 1139-1148.	1.4	50
23	Prevalence of temporomandibular disorder pain, jaw noises and oral behaviours in an adult Italian population sample. Journal of Oral Rehabilitation, 2019, 46, 691-698.	1.3	48
24	Diagnostic criteria for temporomandibular disorders (DC/TMD) for children and adolescents: An international Delphi studyâ€"Part 1â€Đevelopment of Axis I. Journal of Oral Rehabilitation, 2021, 48, 836-845.	1.3	45
25	Masticatory muscle activity during deliberately performed oral tasks. Physiological Measurement, 2008, 29, 1397-1410.	1.2	42
26	Sensory and motor changes of the human jaw muscles during induced orthodontic pain. European Journal of Orthodontics, 1999, 21, 397-404.	1.1	41
27	Habitual daily masseter activity of subjects with different vertical craniofacial morphology. European Journal of Oral Sciences, 2005, 113, 380-385.	0.7	40
28	Surgical Approach to the Stylohyoid Process in Eagleâ€™s Syndrome. Journal of Oral and Maxillofacial Surgery, 2005, 63, 714-716.	0.5	40
29	Unilateral Posterior Crossbite is Not Associated with TMJ Clicking in Young Adolescents. Journal of Dental Research, 2007, 86, 137-141.	2.5	40
30	Biomechanical Effects of Different Auxiliary-Aligner Designs for the Extrusion of an Upper Central Incisor: A Finite Element Analysis. Journal of Healthcare Engineering, 2019, 2019, 1-9.	1.1	39
31	Prevalence of temporomandibular disorders and oral parafunctions in adolescents from public schools in Southern Italy. Cranio - Journal of Craniomandibular Practice, 2020, 38, 370-375.	0.6	38
32	Diagnostic accuracy of temporomandibular disorder pain tests: a multicenter study. Journal of Orofacial Pain, 2009, 23, 108-14.	1.7	38
33	Effect of somatosensory amplification and trait anxiety on experimentally induced orthodontic pain. European Journal of Oral Sciences, 2016, 124, 127-134.	0.7	36
34	Dental and skeletal long-term side effects of mandibular advancement devices in obstructive sleep apnea patients: a systematic review with meta-regression analysis. European Journal of Orthodontics, 2019, 41, 89-100.	1.1	35
35	Efficacy of rehabilitation on reducing pain in muscle-related temporomandibular disorders: A systematic review and meta-analysis of randomized controlled trials. Journal of Back and Musculoskeletal Rehabilitation, 2022, , 1-16.	0.4	34
36	Temporomandibular joint damage in juvenile idiopathic arthritis: Diagnostic validity of diagnostic criteria for temporomandibular disorders. Journal of Oral Rehabilitation, 2019, 46, 450-459.	1.3	33

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37	Catechol-O-Methyltransferase (COMT) Gene Polymorphisms as Risk Factor in Temporomandibular Disorders Patients From Southern Italy. Clinical Journal of Pain, 2014, 30, 129-133.	0.8	31
38	Benefits of implementing pain-related disability and psychological assessment in dental practice for patients with temporomandibular pain and other oral health conditions. Journal of the American Dental Association, 2018, 149, 422-431.	0.7	31
39	Digital evaluation of nasal changes induced by rapid maxillary expansion with different anchorage and appliance design. BMC Oral Health, 2017, 17, 113.	0.8	30
40	Social impairment of individuals suffering from different types of chronic orofacial pain. Progress in Orthodontics, 2014, 15, 27.	1.3	29
41	Incidence of temporomandibular joint clicking in adolescents with and without unilateral posterior crossâ€bite: a 10â€year followâ€up study. Journal of Oral Rehabilitation, 2016, 43, 16-22.	1.3	29
42	Effects of mandibular advancement device for obstructive sleep apnea on temporomandibular disorders: A systematic review and meta-analysis. Sleep Medicine Reviews, 2019, 48, 101211.	3.8	28
43	Evaluation of masticatory muscle activity in patients with unilateral posterior crossbite before and after rapid maxillary expansion. European Journal of Orthodontics, 2019, 41, 46-53.	1.1	26
44	Occlusion, orthodontics, and temporomandibular disorders: Cutting edge of the current evidence. Journal of the World Federation of Orthodontists, 2020, 9, S15-S18.	0.9	26
45	Effectiveness of manual therapy applied to craniomandibular structures in temporomandibular disorders: A systematic review. Journal of Oral Rehabilitation, 2022, 49, 442-455.	1.3	26
46	Synergist coactivation and substitution pattern of the human masseter and temporalis muscles during sustained static contractions. Clinical Neurophysiology, 2009, 120, 190-197.	0.7	25
47	Association between wakingâ€state oral behaviours, according to the oral behaviors checklist, and TMD subgroups. Journal of Oral Rehabilitation, 2021, 48, 996-1003.	1.3	25
48	Short-Term Sensorimotor Effects of Experimental Occlusal Interferences on the Wake-Time Masseter Muscle Activity of Females with Masticatory Muscle Pain. Journal of Oral and Facial Pain and Headache, 2015, 29, 331-339.	0.7	23
49	Myofascial Pain Syndrome Misdiagnosed as Odontogenic Pain: A Case Report. Cranio - Journal of Craniomandibular Practice, 2002, 20, 307-311.	0.6	22
50	Is unilateral posterior crossbite associated with leg length inequality?. European Journal of Orthodontics, 2007, 29, 622-626.	1.1	21
51	Evaluation of Tooth Movement Accuracy with Aligners: A Prospective Study. Materials, 2022, 15, 2646.	1.3	21
52	No effect of experimental occlusal interferences on pressure pain thresholds of the masseter and temporalis muscles in healthy women. European Journal of Oral Sciences, 2006, 114, 167-170.	0.7	20
53	Dentoskeletal effects of oral appliance wear in obstructive sleep apnoea and snoring patients. European Journal of Orthodontics, 2017, 39, cjw078.	1.1	20
54	Task-related electromyographic spectral changes in the human masseter and temporalis muscles. European Journal of Oral Sciences, 2002, 110, 8-12.	0.7	19

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55	The relationship between vertical craniofacial morphology and the sagittal path of mandibular movements. Journal of Oral Rehabilitation, 2005, 32, 857-862.	1.3	19
56	Effects of experimental occlusal interferences in individuals reporting different levels of wake-time parafunctions. Journal of Orofacial Pain, 2012, 26, 168-75.	1.7	18
57	Diagnostic criteria for temporomandibular disorders in children and adolescents: An international Delphi studyâ€Part 2â€Development of Axis II. Journal of Oral Rehabilitation, 2022, 49, 541-552.	1.3	18
58	Mind the Gap: A Systematic Review of Implementation of Screening for Psychological Comorbidity in Dental and Dental Hygiene Education. Journal of Dental Education, 2018, 82, 1065-1076.	0.7	17
59	Jaw Exercises in the Treatment of Temporomandibular Disordersâ€"An International Modified Delphi Study. Journal of Oral and Facial Pain and Headache, 2019, 39, 389-398.	0.7	17
60	Comparison between the rhythmic jaw contractions occurring during sleep and while chewing. Journal of Sleep Research, 2013, 22, 593-599.	1.7	15
61	Tactile and pain thresholds in patients with myofascial pain of the jaw muscles: a case-control study. Journal of Orofacial Pain, 2008, 22, 139-45.	1.7	15
62	Occlusal tactile acuity in temporomandibular disorder pain patients: A caseâ€control study. Journal of Oral Rehabilitation, 2020, 47, 923-929.	1.3	14
63	Jaw muscle activity patterns in women with chronic TMD myalgia during standardized clenching and chewing tasks. Cranio - Journal of Craniomandibular Practice, 2021, 39, 157-163.	0.6	13
64	Regional variations in mineralization and strain distributions in the cortex of the human mandibular condyle. Bone, 2007, 41, 1051-1058.	1.4	11
65	Factors associated with orthodontic pain. Journal of Oral Rehabilitation, 2021, 48, 1135-1143.	1.3	11
66	Reproducibility of the assessment of the FrÃnkel manoeuvre for the evaluation of sagittal skeletal discrepancies in Class II individuals. European Journal of Orthodontics, 2016, 38, 409-413.	1.1	8
67	Effect of verbal and written information on pain perception in patients undergoing fixed orthodontic treatment: a randomized controlled trial. European Journal of Orthodontics, 2020, 42, 494-499.	1.1	8
68	Shortâ€term effects of the Sander biteâ€jumping appliance on the pharyngeal airways in subjects with skeletal Class II malocclusion: A retrospective caseâ€control study. Journal of Oral Rehabilitation, 2020, 47, 1337-1345.	1.3	8
69	Class I malocclusion with severe open bite skeletal pattern treatment. American Journal of Orthodontics and Dentofacial Orthopedics, 1990, 97, 363-373.	0.8	7
70	Late-Developing Supernumerary Premolars: Analysis of Different Therapeutic Approaches. Case Reports in Dentistry, 2016, 2016, 1-8.	0.2	7
71	Midpalatal Suture Density Evaluation after Rapid and Slow Maxillary Expansion with a Low-Dose CT Protocol: A Retrospective Study. Medicina (Lithuania), 2020, 56, 112.	0.8	7
72	Effects of stabilization splints on the signs and symptoms of temporomandibular disorders of muscular origin: A systematic review. Cranio - Journal of Craniomandibular Practice, 2022, , 1-12.	0.6	7

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73	Effects of experimental insoles on body posture, mandibular kinematics and masticatory muscles activity. A pilot study in healthy volunteers. Journal of Electromyography and Kinesiology, 2015, 25, 531-539.	0.7	6
74	Fibronectin Upregulation in Human Temporomandibular Joint Disks With Internal Derangement. Journal of Craniofacial Surgery, 2004, 15, 678-683.	0.3	5
75	Effects of Muscle Pain Induced by Glutamate Injections During Sustained Clenching on the Contraction Pattern of Masticatory Muscles. Journal of Oral and Facial Pain and Headache, 2014, 28, 252-260.	0.7	5
76	Crossâ€cultural differences in types and beliefs about treatment in women with temporomandibular disorder pain. Journal of Oral Rehabilitation, 2018, 45, 659-668.	1.3	5
77	Temporomandibular disorders, neck disability, and oral parafunctions in tinnitus patients: A cross-sectional epidemiological study from Southern Italy. Cranio - Journal of Craniomandibular Practice, 2022, 40, 485-493.	0.6	5
78	Effects of acute pain and strain of the periodontium due to orthodontic separation on the occlusal tactile acuity of healthy individuals. Clinical Oral Investigations, 2021, 25, 6833-6840.	1.4	4
79	Psychological Considerations. , 2015, , 49-61.		3
80	â€œPressure pain threshold over masticatory muscles and temporomandibular joint in patients with juvenile idiopathic arthritisâ€• Journal of Oral Rehabilitation, 2020, 47, 944-950.	1.3	2
81	Letters From Our Readers. Angle Orthodontist, 2017, 87, 486-486.	1.1	0
82	Into the future. Orthodontics and Craniofacial Research, 2018, 21, 3-3.	1.2	0
83	Introduction by the Editor. Orthodontics and Craniofacial Research, 2018, 21, 169-169.	1.2	0
84	ElÃ©ments de prise de dÃ©cision thÃ©rapeutique, en cas dâ€™asymÃ©trie. 2e partie : les asymÃ©tries avec symptÃ´mes de DTM. Revue D'orthopedie Dento-faciale, 2021, 55, 321-349.	0.0	0