

Simone Cecilio Hallak Regalo

List of Publications by Year in descending order

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112
papers

1,924
citations

331259

21
h-index

315357

38
g-index

113
all docs

113
docs citations

113
times ranked

2262
citing authors

#	ARTICLE	IF	CITATIONS
1	Age and gender influence on maximal bite force and masticatory muscles thickness. <i>Archives of Oral Biology</i> , 2010, 55, 797-802.	0.8	199
2	Performance of schizophrenic patients in the Stroop Color Word Test and electrodermal responsiveness after acute administration of cannabidiol (CBD). <i>Revista Brasileira De Psiquiatria</i> , 2010, 32, 56-61.	0.9	121
3	Use of the Fonseca's questionnaire to assess the prevalence and severity of temporomandibular disorders in brazilian dental undergraduates. <i>Brazilian Dental Journal</i> , 2007, 18, 163-167.	0.5	114
4	Evaluation of molar and incisor bite force in indigenous compared with white population in Brazil. <i>Archives of Oral Biology</i> , 2008, 53, 282-286.	0.8	93
5	Changes in Masticatory Performance and Quality of Life in Individuals With Chronic Periodontitis. <i>Journal of Periodontology</i> , 2013, 84, 325-331.	1.7	91
6	Ageing and surface EMG activity patterns of masticatory muscles. <i>Journal of Oral Rehabilitation</i> , 2010, 37, 248-255.	1.3	83
7	Comparative Capabilities of Clinical Assessment, Diagnostic Criteria, and Polysomnography in Detecting Sleep Bruxism. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1319-1325.	1.4	47
8	Impact of sleep bruxism on masseter and temporalis muscles and bite force. <i>Cranio - Journal of Craniomandibular Practice</i> , 2016, 34, 309-315.	0.6	42
9	Emg analysis after laser acupuncture in patients with temporomandibular dysfunction (TMD). Implications for practice. <i>Complementary Therapies in Clinical Practice</i> , 2010, 16, 158-160.	0.7	39
10	The effect of age on the function of the masticatory system – an electromyographical analysis. <i>Gerodontology</i> , 2006, 23, 177-182.	0.8	32
11	Evaluation of mandibular range of motion in Brazilian children and its correlation to age, height, weight, and gender. <i>Brazilian Oral Research</i> , 2008, 22, 61-66.	0.6	31
12	Associations among temporomandibular disorders, chronic neck pain and neck pain disability in computer office workers: a pilot study. <i>Journal of Oral Rehabilitation</i> , 2016, 43, 321-332.	1.3	31
13	Low-level laser therapy improves bone formation: stereology findings for osteoporosis in rat model. <i>Lasers in Medical Science</i> , 2015, 30, 1599-1607.	1.0	30
14	Electromyographic evaluation in children having rapid maxillary expansion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 136, 355-360.	0.8	29
15	Evaluation of rhBMP-2 and Natural Latex as Potential Osteogenic Proteins in Critical Size Defects by Histomorphometric Methods. <i>Anatomical Record</i> , 2010, 293, 794-801.	0.8	28
16	Acupuncture and Temporomandibular Disorders: A 3-Month Follow-up EMG Study. <i>Journal of Alternative and Complementary Medicine</i> , 2009, 15, 1307-1310.	2.1	26
17	Evaluation of ocular prosthesis biofilm and anophthalmic cavity contamination after use of three cleansing solutions. <i>Journal of Applied Oral Science</i> , 2007, 15, 33-38.	0.7	25
18	Masticatory process in individuals with maxillary and mandibular osteoporosis: electromyographic analysis. <i>Osteoporosis International</i> , 2009, 20, 1847-1851.	1.3	25

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19	Electromyographic evaluation of masseter and anterior temporalis muscles in rest position of edentulous patients with temporomandibular disorders, before and after using complete dentures with sliding plates. <i>Gerodontology</i> , 2007, 24, 105-110.	0.8	23
20	Masticatory muscle activity in children with a skeletal or dentoalveolar open bite. <i>European Journal of Orthodontics</i> , 2010, 32, 453-458.	1.1	23
21	Effects of the combination of low-level laser irradiation and recombinant human bone morphogenetic protein-2 in bone repair. <i>Lasers in Medical Science</i> , 2012, 27, 971-977.	1.0	23
22	Masticatory muscular activation in elderly individuals during chewing. <i>Gerodontology</i> , 2007, 24, 244-248.	0.8	22
23	The Effects of Acupuncture on Peripheral Facial Palsy Sequelae after 20 Years via Electromyography. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2015, 8, 245-248.	0.3	22
24	Nocturnal sleep architecture is altered by sleep bruxism. <i>Archives of Oral Biology</i> , 2017, 81, 56-60.	0.8	22
25	Bite force in temporomandibular dysfunction (TMD) and healthy complete denture wearers. <i>Brazilian Dental Journal</i> , 2008, 19, 354-357.	0.5	20
26	Effects of Low-Level Laser Therapy on the Oxidative Metabolism and Matrix Proteins in the Rat Masseter Muscle. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 677-684.	2.1	20
27	All on ≤ 4 Fixed Implant Support Rehabilitation: A Masticatory Function Study. <i>Clinical Implant Dentistry and Related Research</i> , 2014, 16, 594-600.	1.6	20
28	Poly(Vinylidene Fluoride-Trifluoroethylene)/barium titanate membrane promotes de novo bone formation and may modulate gene expression in osteoporotic rat model. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 180.	1.7	20
29	Bone healing process in critical-sized defects by rhBMP-2 using poloxamer gel and collagen sponge as carriers. <i>Micron</i> , 2008, 39, 17-24.	1.1	19
30	Bone repair using mineral trioxide aggregate combined to a material carrier, associated or not with calcium hydroxide in bone defects. <i>Micron</i> , 2008, 39, 868-874.	1.1	19
31	Effects of Parkinson's disease on molar bite force, electromyographic activity and muscle thickness of the masseter, temporal and sternocleidomastoid muscles: A case-control study. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 912-919.	1.3	19
32	Educational material of dental anatomy applied to study the morphology of permanent teeth. <i>Brazilian Dental Journal</i> , 2004, 15, 238-247.	0.5	18
33	Anatomic variation of cranial parasympathetic ganglia. <i>Brazilian Oral Research</i> , 2008, 22, 101-105.	0.6	18
34	Electromyographic activity of masticatory muscles in women with osteoporosis. <i>Brazilian Dental Journal</i> , 2009, 20, 237-342.	0.5	18
35	Clinical feasibility of mandibular implant overdenture retainers submitted to immediate load. <i>Gerodontology</i> , 2011, 28, 227-232.	0.8	17
36	Influence of mandibular tori on stomatognathic system function. <i>Cranio - Journal of Craniomandibular Practice</i> , 2017, 35, 30-37.	0.6	17

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37	Biomaterials Applied to the Bone Healing Process. <i>International Journal of Morphology</i> , 2007, 25, 839.	0.1	16
38	Macroscopic and microscopic aspects of the temporomandibular joint related to its clinical implication. <i>Micron</i> , 2008, 39, 852-858.	1.1	16
39	Implant-supported prosthesis following Brånemark protocol on electromyography of masticatory muscles. <i>Journal of Oral Rehabilitation</i> , 2011, 38, 668-673.	1.3	16
40	Effect of class II and class III dentofacial deformities under orthodontic treatment on maximal isometric bite force. <i>Archives of Oral Biology</i> , 2011, 56, 972-976.	0.8	16
41	Application of Low-Level Laser Irradiation (LLLI) and rhBMP-2 in Critical Bone Defect of Ovariectomized Rats: Histomorphometric Evaluation. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 453-458.	2.1	16
42	Electromyographic ratio of masseter and anterior temporalis muscles in children with and without temporomandibular disorders. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 97, 35-41.	0.4	16
43	Bite force, electromyography, and mandible mobility during the 6-month period after surgical treatment for isolated fractures of the zygomatico-orbital complex. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 111, e1-e7.	1.6	15
44	Effect of Surgical Treatment of Mandibular Fracture. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 1714-1720.	0.3	15
45	Comparison of upper and lower lip muscle activity between stutterers and fluent speakers. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2007, 71, 1187-1192.	0.4	14
46	Electromyographic analysis of masseter and temporal muscles, bite force, masticatory efficiency in medicated individuals with schizophrenia and mood disorders compared with healthy controls. <i>Journal of Oral Rehabilitation</i> , 2014, 41, 399-408.	1.3	14
47	Electromyographic analysis of the orbicularis oris muscle in oralized deaf individuals. <i>Brazilian Dental Journal</i> , 2005, 16, 237-242.	0.5	13
48	Monoolein and chitosan gels as potential carriers of the rhBMP-2, using decortication surgical technique in Wistar rats as experimental model. <i>Micron</i> , 2008, 39, 952-959.	1.1	13
49	The effect of a Lucia jig for 30 minutes on neuromuscular re-programming, in normal subjects. <i>Brazilian Oral Research</i> , 2012, 26, 530-535.	0.6	13
50	Effects of Acupuncture at the Yintang and the Chengjiang Acupoints on Cardiac Arrhythmias and Neurocardiogenic Syncope in Emergency First Aid. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2016, 9, 26-30.	0.3	13
51	Single nucleotide polymorphisms in dopamine receptor D2 are associated with bruxism and its circadian phenotypes in children. <i>Cranio - Journal of Craniomandibular Practice</i> , 2022, 40, 152-159.	0.6	13
52	Impact of Parkinson's disease on the efficiency of masticatory cycles: Electromyographic analysis. <i>Medicina Oral, Patologia Oral Y Cirugía Bucal</i> , 2019, 24, e314-e318.	0.7	13
53	Osteoinductivity potential of rhBMP-2 associated with two carriers in different dosages. <i>Anatomical Science International</i> , 2010, 85, 181-188.	0.5	12
54	Analysis of the stomatognathic system of children according orthodontic treatment needs. <i>Journal of Orofacial Orthopedics</i> , 2018, 79, 39-47.	0.5	12

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55	Genetic Polymorphisms in ACTN3 Contribute to the Etiology of Bruxism in Children. <i>Journal of Clinical Pediatric Dentistry</i> , 2020, 44, 180-184.	0.5	12
56	Analysis of Endodontist Posture Utilizing Cinemetry, Surface Electromyography and Ergonomic Checklists. <i>Brazilian Dental Journal</i> , 2014, 25, 508-518.	0.5	11
57	Effect of dentofacial deformity on maximum isometric tongue strength. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 247-251.	1.3	10
58	The use of a mandibular repositioning device for obstructive sleep apnea. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 1023-1029.	0.8	10
59	Stomatognathic function in Duchenne muscular dystrophy: a case-control study. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 516-521.	1.1	10
60	Bite Force, Thickness, and Thermographic Patterns of Masticatory Muscles Post-Hemorrhagic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106173.	0.7	10
61	Differences in Pain Perception in Children Reporting Joint and Orofacial Muscle Pain. <i>Journal of Clinical Pediatric Dentistry</i> , 2013, 37, 321-328.	0.5	9
62	Low-level laser therapy enhances the number of osteocytes in calvaria bone defects of ovariectomized rats. <i>Animal Models and Experimental Medicine</i> , 2019, 2, 51-57.	1.3	9
63	Dental findings and muscular-skeletal features in Schwartz-Jampel syndrome: case report of two affected siblings. <i>Special Care in Dentistry</i> , 2006, 26, 225-229.	0.4	8
64	Effect of unilateral extraction of molar teeth on suprahyoid muscles: Macroscopic and ultrastructural aspects. <i>Micron</i> , 2008, 39, 1111-1118.	1.1	8
65	Low-Level Laser Intensity Application in Masseter Muscle for Treatment Purposes. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-31-S-35.	2.1	8
66	Influence of age on the electromyographic fatigue threshold of the masseter and temporal muscles of healthy individuals. <i>Archives of Oral Biology</i> , 2017, 84, 1-5.	0.8	8
67	Electromyographic analysis of stomatognathic muscles in elderly after hippotherapy. <i>PLoS ONE</i> , 2020, 15, e0238036.	1.1	8
68	Ayahuasca Alters Structural Parameters of the Rat Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 58-62.	0.8	7
69	Effect of magnification factor by Galilean loupes on working posture of dental students in simulated clinical procedures: associations between direct and observational measurements. <i>PeerJ</i> , 2022, 10, e13021.	0.9	7
70	Functional analysis of the stomatognathic system in individuals infected with human immunodeficiency virus. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 515-521.	0.7	6
71	Histomorphological and Angiogenic Analyzes of Skin Epithelium After Low Laser Irradiation in Hairless Mice. <i>Anatomical Record</i> , 2011, 294, 1592-1600.	0.8	5
72	The Real Role of Sensitivity, Specificity and Predictive Values in the Clinical Assessment. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 279-280.	1.4	5

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73	Alterations in the stomatognathic system due to amyotrophic lateral sclerosis. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170408.	0.7	5
74	Evaluation of the electromyographic fatigue of the masseter and temporalis muscles in individuals with osteoporosis. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019, 37, 254-263.	0.6	5
75	Texturized P(VDF-TrFE)/BT membrane enhances bone neoformation in calvaria defects regardless of the association with photobiomodulation therapy in ovariectomized rats. <i>Clinical Oral Investigations</i> , 2022, 26, 1053-1065.	1.4	5
76	Osteoarthritis: Analyze of the Molar Bite Force, Thickness and Masticatory Efficiency. <i>Prague Medical Report</i> , 2020, 121, 87-95.	0.4	5
77	Resonance frequency analysis of overdenture retainer implants with immediate loading. <i>Gerodontology</i> , 2012, 29, e408-12.	0.8	4
78	Impact of temporomandibular disorders on the stomatognathic system in children. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 22, 0-0.	0.7	4
79	A pilot study on the effects of transcutaneous and transmucosal laser irradiation on blood pressure, glucose and cholesterol in women. <i>Heliyon</i> , 2021, 7, e07110.	1.4	4
80	Analysis of masticatory efficiency by electromyographic activity of masticatory muscles after surgical treatment of zygomatic-orbital complex fractures. <i>International Journal of Stomatology & Occlusion Medicine</i> , 2013, 6, 85-90.	0.1	3
81	Analysis of the sleep period and the amount of habitual snoring in individuals with sleep bruxism. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, 0-0.	0.7	3
82	Influence of sleep bruxism severity on masticatory efficiency: electromyographic analysis. <i>Archives Italiennes De Biologie</i> , 2019, 157, 59-65.	0.1	3
83	Spinocerebellar ataxia: Functional analysis of the stomatognathic system. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, 0-0.	0.7	3
84	Stomathognathic system function in indigenous people from Brazilian Xingu villages: An electromyographic analysis. <i>PLoS ONE</i> , 2020, 15, e0243495.	1.1	3
85	Prevalence of chewing difficulty in older people in long-term care: A systematic review and meta-analysis. <i>Gerodontology</i> , 2022, , .	0.8	3
86	Intervertebral Disc Degeneration: Functional Analysis of Bite Force and Masseter and Temporal Muscles Thickness. <i>Prague Medical Report</i> , 2022, 123, 101-112.	0.4	3
87	Histological and Histomorphometrical Alterations of the Periodontal Ligament in Gerbils Submitted to Teeth Extraction. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2008, 37, 257-262.	0.3	2
88	Newly Formed Bone in Mandible Decortication Experimental Model Using rhBMP-2 Evaluated by Densitometric Study. <i>International Journal of Morphology</i> , 2008, 26, .	0.1	2
89	Impact of midface and upper face fracture on bite force, mandibular mobility, and electromyographic activity. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016, 45, 1424-1429.	0.7	2
90	In Vitro Effect of Low-Level Laser Therapy on Undifferentiated Mouse Pulp Cells. , 2021, 23, 02-06.		2

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91	Does Parkinson's disease interfere with electromyographic fatigue of masticatory muscles?. Archives Italiennes De Biologie, 2020, 157, 105-110.	0.1	2
92	Perfil epidemiol3gico da Nova Doen3sa Infecciosa do Coronav3rus - COVID-19 (Sars-Cov-2) no mundo: Estudo descritivo, janeiro-junho de 2020. Brazilian Journal of Health Review, 2020, 3, 7993-8007.	0.0	2
93	Influ3ncia da posi33o do bra3o na rela33o EMG-for3sa em m3sculos do bra3o. Fisioterapia E Pesquisa, 2008, 15, 222-227.	0.3	1
94	Lucia Jig - temporomandibular dysfunction promotes muscle relaxation?. Acta Scientiarum - Health Sciences, 2016, 38, 199.	0.2	1
95	Benef3cios do video game em pacientes com sequelas de acidente vascular cerebral. Fisioterapia Brasil, 2017, 18, 356-361.	0.1	1
96	Efeitos do princ3pio de irradia33o motora para os membros inferiores de indiv3duos hemipar3ticos p3s acidente vascular cerebral: an3lise eletromiogr3fica / Effects of the principle of motor irradiation to the lower limbs of hemiparetic individuals after stroke: electromyographic analysis. Brazilian Journal of Health Review, 2020, 3, 12662-12671.	0.0	1
97	Severity of Sleep Bruxism and its Implications for the Stomatognathic System in Healthy Subjects. Open Access Macedonian Journal of Medical Sciences, 2020, 8, 29-35.	0.1	1
98	Evaluation of Stomatognathic System Parameters After Bariatric Surgery. Obesity Surgery, 2022, 32, 374-380.	1.1	1
99	Influence of the Occlusal Alteration in the Mandible Morphology of the Gerbil. International Journal of Morphology, 2010, 28, 1151-1157.	0.1	0
100	Evolution of patients with heart disease after cardiopulmonary rehabilitation program: case report. Fisioterapia Em Movimento, 2017, 30, 169-176.	0.4	0
101	Effect of Breast Cancer Treatment on the Stomatognathic System. Brazilian Dental Journal, 2018, 29, 368-373.	0.5	0
102	Photobiomodulation therapy does not depend on the differentiation of dental pulp cells to enhance functional activity associated with angiogenesis and mineralization. Lasers in Medical Science, 2021, 36, 1979-1988.	1.0	0
103	Does Systemic Arterial Hypertension Change the Function of the Stomatognathic System?. Prague Medical Report, 2021, 122, 201-211.	0.4	0
104	Efici3ncia do Ciclo Mastigat3rio em Indiv3duos Surdos Bil3ngues: An3lise Eletromiogr3fica. Revista Brasileira De Terapias E Sa3de, 2011, , 1-6.	0.1	0
105	Limited mandibular movements after removal of the mandibular third-molar: use of the anterior bite plane and complementary therapies. Tang [humanitas Medicine], 2012, 2, 6.1-6.4.	0.2	0
106	T3cnica de acupuntura aplicada na paralisia facial de Bell com base nas ramifica33es do nervo facial. , , .		0
107	Photo-kinesiotherapy: photobiomodulation associated with some kinesiotherapies for orofacial rehabilitation. , 2018, , .		0
108	Influence of Green Tea Extract with Different Concentrations of Epigallocatechin Gallate on Calvaria Bone Repair of Ovariectomized Rats. International Journal of Morphology, 2019, 37, 1325-1330.	0.1	0

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109	Autologous Hematopoietic Stem Cell Therapy of the Subjects with Systemic Sclerosis: Electromyographic Results of the Masticatory Muscles. Prague Medical Report, 2020, 121, 163-171.	0.4	0
110	Functional analysis of lower limbs in individuals infected with the human immunodeficiency virus. International Journal of Health Sciences, 2018, 12, 37-42.	0.4	0
111	Alterations in masticatory cycle efficiency and bite force in individuals with periodontitis. International Journal of Health Sciences, 2019, 13, 25-29.	0.4	0
112	Respiratory performance and occlusal strength of soccer players: an approach after training and detraining during the lockdown due to coronavirus disease 2019 (COVID-19). Polish Journal of Sports Medicine, 2021, 37, 201-206.	0.0	0