

Selma Siessere

List of Publications by Year in descending order

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88
papers

1,500
citations

430874

18
h-index

377865

34
g-index

89
all docs

89
docs citations

89
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Age and gender influence on maximal bite force and masticatory muscles thickness. Archives of Oral Biology, 2010, 55, 797-802.	1.8	199
2	Use of the Fonseca's questionnaire to assess the prevalence and severity of temporomandibular disorders in brazilian dental undergraduates. Brazilian Dental Journal, 2007, 18, 163-167.	1.1	114
3	Evaluation of molar and incisor bite force in indigenous compared with white population in Brazil. Archives of Oral Biology, 2008, 53, 282-286.	1.8	93
4	Changes in Masticatory Performance and Quality of Life in Individuals With Chronic Periodontitis. Journal of Periodontology, 2013, 84, 325-331.	3.4	91
5	Ageing and surface EMG activity patterns of masticatory muscles. Journal of Oral Rehabilitation, 2010, 37, 248-255.	3.0	83
6	Comparative Capabilities of Clinical Assessment, Diagnostic Criteria, and Polysomnography in Detecting Sleep Bruxism. Journal of Clinical Sleep Medicine, 2015, 11, 1319-1325.	2.6	47
7	Impact of sleep bruxism on masseter and temporalis muscles and bite force. Cranio - Journal of Craniomandibular Practice, 2016, 34, 309-315.	1.4	42
8	Emg analysis after laser acupuncture in patients with temporomandibular dysfunction (TMD). Implications for practice. Complementary Therapies in Clinical Practice, 2010, 16, 158-160.	1.7	39
9	Low-level laser therapy improves bone formation: stereology findings for osteoporosis in rat model. Lasers in Medical Science, 2015, 30, 1599-1607.	2.1	30
10	Evaluation of rhBMP-2 and Natural Latex as Potential Osteogenic Proteins in Critical Size Defects by Histomorphometric Methods. Anatomical Record, 2010, 293, 794-801.	1.4	28
11	Acupuncture and Temporomandibular Disorders: A 3-Month Follow-up EMG Study. Journal of Alternative and Complementary Medicine, 2009, 15, 1307-1310.	2.1	26
12	Masticatory process in individuals with maxillary and mandibular osteoporosis: electromyographic analysis. Osteoporosis International, 2009, 20, 1847-1851.	3.1	25
13	Lycopene influences osteoblast functional activity and prevents femur bone loss in female rats submitted to an experimental model of osteoporosis. Journal of Bone and Mineral Metabolism, 2019, 37, 658-667.	2.7	25
14	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. Gerodontology, 2007, 24, 105-110.	2.0	23
15	Effects of the combination of low-level laser irradiation and recombinant human bone morphogenetic protein-2 in bone repair. Lasers in Medical Science, 2012, 27, 971-977.	2.1	23
16	Nocturnal sleep architecture is altered by sleep bruxism. Archives of Oral Biology, 2017, 81, 56-60.	1.8	22
17	Bite force in temporomandibular dysfunction (TMD) and healthy complete denture wearers. Brazilian Dental Journal, 2008, 19, 354-357.	1.1	20
18	Effects of Low-Level Laser Therapy on the Oxidative Metabolism and Matrix Proteins in the Rat Masseter Muscle. Photomedicine and Laser Surgery, 2011, 29, 677-684.	2.0	20

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19	Poly(Vinylidene Fluoride-Trifluorethylene)/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.	3.6	20
20	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.	2.2	19
21	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.	2.2	19
22	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.	3.0	19
23	Educational material of dental anatomy applied to study the morphology of permanent teeth. <i>Brazilian Dental Journal</i> , 2004, 15, 238-247.	1.1	18
24	Anatomic variation of cranial parasympathetic ganglia. <i>Brazilian Oral Research</i> , 2008, 22, 101-105.	1.4	18
25	Electromyographic activity of masticatory muscles in women with osteoporosis. <i>Brazilian Dental Journal</i> , 2009, 20, 237-342.	1.1	18
26	Clinical feasibility of mandibular implant overdenture retainers submitted to immediate load. <i>Gerodontology</i> , 2011, 28, 227-232.	2.0	17
27	Influence of mandibular tori on stomatognathic system function. <i>Cranio - Journal of Craniomandibular Practice</i> , 2017, 35, 30-37.	1.4	17
28	Macroscopic and microscopic aspects of the temporomandibular joint related to its clinical implication. <i>Micron</i> , 2008, 39, 852-858.	2.2	16
29	Implant-supported prosthesis following Brånemark protocol on electromyography of masticatory muscles. <i>Journal of Oral Rehabilitation</i> , 2011, 38, 668-673.	3.0	16
30	Application of Low-Level Laser Irradiation (LLL) and rhBMP-2 in Critical Bone Defect of Ovariectomized Rats: Histomorphometric Evaluation. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 453-458.	2.0	16
31	Morphodigital Study of the Mandibular Trabecular Bone in Panoramic Radiographs. <i>International Journal of Morphology</i> , 2007, 25, .	0.2	15
32	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.	1.4	15
33	Effect of Surgical Treatment of Mandibular Fracture. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 1714-1720.	0.7	15
34	Effects of leukocyte and platelet rich fibrin associated or not with bovine bone graft on the healing of bone defects in rats with osteoporosis induced by ovariectomy. <i>Clinical Oral Implants Research</i> , 2019, 30, 962-976.	4.5	15
35	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.	3.0	14
36	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.	2.2	13

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37	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.	1.4	13
38	Impact of Parkinson's disease on the efficiency of masticatory cycles: Electromyographic analysis. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, e314-e318.	1.7	13
39	Osteoinductivity potential of rhBMP-2 associated with two carriers in different dosages. <i>Anatomical Science International</i> , 2010, 85, 181-188.	1.0	12
40	Analysis of the stomatognathic system of children according orthodontic treatment needs. <i>Journal of Orofacial Orthopedics</i> , 2018, 79, 39-47.	1.3	12
41	Analysis of Endodontist Posture Utilizing Cinemetry, Surface Electromyography and Ergonomic Checklists. <i>Brazilian Dental Journal</i> , 2014, 25, 508-518.	1.1	11
42	Stomatognathic function in Duchenne muscular dystrophy: a case-control study. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 516-521.	2.1	10
43	Bite Force, Thickness, and Thermographic Patterns of Masticatory Muscles Post-Hemorrhagic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106173.	1.6	10
44	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.	3.3	9
45	Green tea extract rich in epigallocatechin gallate impairs alveolar bone loss in ovariectomized rats with experimental periodontal disease. <i>International Journal of Experimental Pathology</i> , 2020, 101, 277-288.	1.3	9
46	Effect of unilateral extraction of molar teeth on suprahyoid muscles: Macroscopic and ultrastructural aspects. <i>Micron</i> , 2008, 39, 1111-1118.	2.2	8
47	Low-Level Laser Intensity Application in Masseter Muscle for Treatment Purposes. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-31-S-35.	2.0	8
48	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.	1.8	8
49	Menopause transition promotes distinct modulation of mRNAs and miRNAs expression in calvaria and bone marrow osteoblastic cells. <i>Cell Biology International</i> , 2018, 42, 12-24.	3.0	8
50	Effect of stem cells combined with a polymer/ceramic membrane on osteoporotic bone repair. <i>Brazilian Oral Research</i> , 2019, 33, e079.	1.4	8
51	Ayahuasca Alters Structural Parameters of the Rat Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 58-62.	1.9	7
52	Functional analysis of the stomatognathic system in individuals infected with human immunodeficiency virus. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 515-521.	1.7	6
53	Anatomical variations of the mandibular nerve and its branches correlated to clinical situations. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2009, 58, 209-15.	1.3	6
54	Histomorphological and Angiogenic Analyzes of Skin Epithelium After Low Laser Irradiation in Hairless Mice. <i>Anatomical Record</i> , 2011, 294, 1592-1600.	1.4	5

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55	The Real Role of Sensitivity, Specificity and Predictive Values in the Clinical Assessment. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 279-280.	2.6	5
56	Masticatory muscle activity evaluation by electromyography in subjects with zygomatic implants. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 22, 0-0.	1.7	5
57	Alterations in the stomatognathic system due to amyotrophic lateral sclerosis. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170408.	1.8	5
58	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.	1.4	5
59	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.	3.0	5
60	Osteoarthritis: Analyze of the Molar Bite Force, Thickness and Masticatory Efficiency. <i>Prague Medical Report</i> , 2020, 121, 87-95.	0.8	5
61	Effect of surgically assisted rapid maxillary expansion on masticatory muscle activity: A pilot study. <i>Annals of Maxillofacial Surgery</i> , 2011, 1, 32.	0.7	5
62	Resonance frequency analysis of overdenture retainer implants with immediate loading. <i>Gerodontology</i> , 2012, 29, e408-12.	2.0	4
63	Impact of temporomandibular disorders on the stomatognathic system in children. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 22, 0-0.	1.7	4
64	Understanding the role of osteoarthritis on electromyographic activity of masticatory muscles and quality of life. <i>Journal of Clinical and Experimental Dentistry</i> , 2020, 12, e342-e347.	1.2	4
65	Impact of chronic allergic rhinitis on bite force and electromyographic activity of masseter and temporalis muscles of adult women. <i>Journal of Clinical and Experimental Dentistry</i> , 2020, 12, e488-e493.	1.2	4
66	Cell therapy stimulates bone neoformation in calvaria defects in rats subjected to local irradiation. <i>Animal Models and Experimental Medicine</i> , 2019, 2, 169-177.	3.3	3
67	Effect of grape seed extract (GSE) on functional activity and mineralization of OD-21 and MDPC-23 cell lines. <i>Brazilian Oral Research</i> , 2019, 33, e013.	1.4	3
68	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.	1.7	3
69	Influence of sleep bruxism severity on masticatory efficiency: electromyographic analysis. <i>Archives Italiennes De Biologie</i> , 2019, 157, 59-65.	0.4	3
70	Spinocerebellar ataxia: Functional analysis of the stomatognathic system. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, 0-0.	1.7	3
71	Stomathognathic system function in indigenous people from Brazilian Xingu villages: An electromyographic analysis. <i>PLoS ONE</i> , 2020, 15, e0243495.	2.5	3
72	Prevalence of chewing difficulty in older people in long-term care: A systematic review and meta-analysis. <i>Gerodontology</i> , 2022, , .	2.0	3

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73	Histological Evaluation of the Bone Repair Using Mineral Trioxide Aggregate Combined to a Material Carrier. <i>International Journal of Morphology</i> , 2007, 25, .	0.2	2
74	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.	0.7	2
75	Newly Formed Bone in Mandible Decortication Experimental Model Using rhBMP-2 Evaluated by Densitometric Study. <i>International Journal of Morphology</i> , 2008, 26, .	0.2	2
76	Preadministration of yerba mate (<i>Ilex paraguariensis</i>) helps functional activity and morphology maintenance of MC3T3-E1 osteoblastic cells after in vitro exposition to hydrogen peroxide. <i>Molecular Biology Reports</i> , 2021, 48, 13-20.	2.3	2
77	Does Parkinson's disease interfere with electromyographic fatigue of masticatory muscles?. <i>Archives Italiennes De Biologie</i> , 2020, 157, 105-110.	0.4	2
78	Biochemical Analysis by Calcium Determination on the Newly Formed Bone in Critical Bone Defects Submitted to Different Treatments: A Pilot Study. <i>International Journal of Morphology</i> , 2007, 25, .	0.2	2
79	Severity of Sleep Bruxism and its Implications for the Stomatognathic System in Healthy Subjects. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2020, 8, 29-35.	0.2	1
80	Osteoporosis Affects Functional Activity and Gene Expression of Osteoblastic Cells Derived from Rat Alveolar Bone. <i>Brazilian Dental Journal</i> , 2020, 31, 617-622.	1.1	1
81	The influence of maxillary and mandibular osteoporosis on maximal bite force and thickness of masticatory muscles. <i>Acta OdontolÃ³gica Latinoamericana: AOL</i> , 2015, 28, 22-7.	0.4	1
82	Effect of Breast Cancer Treatment on the Stomatognathic System. <i>Brazilian Dental Journal</i> , 2018, 29, 368-373.	1.1	0
83	Photobiomodulation therapy does not depend on the differentiation of dental pulp cells to enhance functional activity associated with angiogenesis and mineralization. <i>Lasers in Medical Science</i> , 2021, 36, 1979-1988.	2.1	0
84	Analysis of Occlusal Forces and Amplitude of Mandibular Movement in Children Based on the Need for Orthodontic Treatment. <i>Annual Research & Review in Biology</i> , 2017, 20, 1-9.	0.4	0
85	Effects of Muscular Temporomandibular Disorder on Masticatory Muscles'™ Thickness. <i>Annual Research & Review in Biology</i> , 2017, 15, 1-7.	0.4	0
86	Influence of Green Tea Extract with Different Concentrations of Epigallocatechin Gallate on Calvaria Bone Repair of Ovariectomized Rats. <i>International Journal of Morphology</i> , 2019, 37, 1325-1330.	0.2	0
87	Autologous Hematopoietic Stem Cell Therapy of the Subjects with Systemic Sclerosis: Electromyographic Results of the Masticatory Muscles. <i>Prague Medical Report</i> , 2020, 121, 163-171.	0.8	0
88	Effects of relapsing-remitting multiple sclerosis on the stomatognathic system: preliminary findings. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2020, 179, .	0.1	0