

Malin Ernberg

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,552
citations

186265

28
h-index

233421

45
g-index

97
all docs

97
docs citations

97
times ranked

2616
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of botulinum toxin type A for treatment of persistent myofascial TMD pain: A randomized, controlled, double-blind multicenter study. <i>Pain</i> , 2011, 152, 1988-1996.	4.2	127
2	Resistance exercise improves muscle strength, health status and pain intensity in fibromyalgia—a randomized controlled trial. <i>Arthritis Research and Therapy</i> , 2015, 17, 161.	3.5	122
3	Saliva as a medium to detect and measure biomarkers related to pain. <i>Scientific Reports</i> , 2018, 8, 3220.	3.3	93
4	Prevalence of diagnosed temporomandibular disorders among Saudi Arabian children and adolescents. <i>Journal of Headache and Pain</i> , 2016, 17, 41.	6.0	86
5	The level of serotonin in the superficial masseter muscle in relation to local pain and allodynia. <i>Life Sciences</i> , 1999, 65, 313-325.	4.3	84
6	Chronic musculoskeletal pain: review of mechanisms and biochemical biomarkers as assessed by the microdialysis technique. <i>Journal of Pain Research</i> , 2014, 7, 313.	2.0	84
7	The Influence of Menstrual Phases on Pain Modulation in Healthy Women. <i>Journal of Pain</i> , 2012, 13, 646-655.	1.4	80
8	Pain and allodynia/hyperalgesia induced by intramuscular injection of serotonin in patients with fibromyalgia and healthy individuals. <i>Pain</i> , 2000, 85, 31-39.	4.2	76
9	Effect of propranolol and granisetron on experimentally induced pain and allodynia/hyperalgesia by intramuscular injection of serotonin into the human masseter muscle. <i>Pain</i> , 2000, 84, 339-346.	4.2	73
10	Symptoms and signs of temporomandibular disorders in patients with fibromyalgia and local myalgia of the temporomandibular system: A comparative study. <i>Acta Odontologica Scandinavica</i> , 1997, 55, 344-349.	1.6	71
11	The proteomic profile of whole and glandular saliva in healthy pain-free subjects. <i>Scientific Reports</i> , 2016, 6, 39073.	3.3	63
12	NGF-induced mechanical sensitization of the masseter muscle is mediated through peripheral NMDA receptors. <i>Neuroscience</i> , 2014, 269, 232-244.	2.3	56
13	Increased levels of intramuscular cytokines in patients with jaw muscle pain. <i>Journal of Headache and Pain</i> , 2017, 18, 30.	6.0	56
14	Gene-to-gene interactions regulate endogenous pain modulation in fibromyalgia patients and healthy controls—antagonistic effects between opioid and serotonin-related genes. <i>Pain</i> , 2017, 158, 1194-1203.	4.2	54
15	Plasma Cytokine Levels in Fibromyalgia and Their Response to 15 Weeks of Progressive Resistance Exercise or Relaxation Therapy. <i>Mediators of Inflammation</i> , 2018, 2018, 1-14.	3.0	53
16	Pain mediation by prostaglandin E ₂ and leukotriene B ₄ in the human masseter muscle. <i>Acta Odontologica Scandinavica</i> , 2001, 59, 348-355.	1.6	51
17	Who benefits from multimodal rehabilitation—and an exploration of pain, psychological distress, and life impacts in over 35,000 chronic pain patients identified in the Swedish Quality Registry for Pain Rehabilitation. <i>Journal of Pain Research</i> , 2019, Volume 12, 891-908.	2.0	48
18	Interstitial glutamate concentration is elevated in the masseter muscle of myofascial temporomandibular disorder patients. <i>Journal of Orofacial Pain</i> , 2010, 24, 350-60.	1.7	46

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19	Ropivacaine for dental anesthesia: A dose-finding study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 1004-1010.	1.2	41
20	The translocator protein gene is associated with symptom severity and cerebral pain processing in fibromyalgia. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 218-227.	4.1	39
21	The role of molecular pain biomarkers in temporomandibular joint internal derangement. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 481-491.	3.0	36
22	Significant correlation between plasma proteome profile and pain intensity, sensitivity, and psychological distress in women with fibromyalgia. <i>Scientific Reports</i> , 2020, 10, 12508.	3.3	35
23	Dopamine in plasma – a biomarker for myofascial TMD pain?. <i>Journal of Headache and Pain</i> , 2016, 17, 65.	6.0	33
24	Comparison of the Levels of Pro-Inflammatory Cytokines Released in the Vastus Lateralis Muscle of Patients with Fibromyalgia and Healthy Controls during Contractions of the Quadriceps Muscle – A Microdialysis Study. <i>PLoS ONE</i> , 2015, 10, e0143856.	2.5	32
25	Unaltered low nerve growth factor and high brain-derived neurotrophic factor levels in plasma from patients with fibromyalgia after a 15-week progressive resistance exercise. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 779-787.	1.1	32
26	Serotonin (5-HT) excites rat masticatory muscle afferent fibers through activation of peripheral 5-HT3 receptors. <i>Pain</i> , 2008, 134, 41-50.	4.2	31
27	Plasma and serum serotonin levels and their relationship to orofacial pain and anxiety in fibromyalgia. <i>Journal of Orofacial Pain</i> , 2000, 14, 37-46.	1.7	31
28	Influence of oral contraceptives on endogenous pain control in healthy women. <i>Experimental Brain Research</i> , 2010, 203, 329-338.	1.5	30
29	Orofacial pain and dysfunction in children with juvenile idiopathic arthritis: a case-control study. <i>Scandinavian Journal of Rheumatology</i> , 2012, 41, 375-378.	1.1	29
30	Changes of Hypertonic Saline-Induced Masseter Muscle Pain Characteristics, by an Infusion of the Serotonin Receptor Type 3 Antagonist Granisetron. <i>Journal of Pain</i> , 2008, 9, 892-901.	1.4	28
31	Expression of 5-HT3 receptors and TTX resistant sodium channels (NaV1.8) on muscle nerve fibers in pain-free humans and patients with chronic myofascial temporomandibular disorders. <i>Journal of Headache and Pain</i> , 2014, 15, 63.	6.0	28
32	Decrease of fear avoidance beliefs following person-centered progressive resistance exercise contributes to reduced pain disability in women with fibromyalgia: secondary exploratory analyses from a randomized controlled trial. <i>Arthritis Research and Therapy</i> , 2016, 18, 116.	3.5	28
33	The Relationship of Endocannabinoidome Lipid Mediators With Pain and Psychological Stress in Women With Fibromyalgia: A Case-Control Study. <i>Journal of Pain</i> , 2018, 19, 1318-1328.	1.4	28
34	The effect on mechanical pain threshold over human muscles by oral administration of granisetron and diclofenac-sodium. <i>Pain</i> , 2005, 113, 265-270.	4.2	26
35	Increased Interstitial Concentrations of Glutamate and Pyruvate in Vastus Lateralis of Women with Fibromyalgia Syndrome Are Normalized after an Exercise Intervention – A Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0162010.	2.5	26
36	Intramuscular Injection of Granisetron Into the Masseter Muscle Increases the Pressure Pain Threshold in Healthy Participants and Patients With Localized Myalgia. <i>Clinical Journal of Pain</i> , 2007, 23, 467-472.	1.9	25

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37	Effects of Experimental Tooth Clenching on Pain and Intramuscular Release of 5-HT and Glutamate in Patients With Myofascial TMD. <i>Clinical Journal of Pain</i> , 2015, 31, 740-749.	1.9	24
38	Treatment of temporomandibular disorders – knowledge, attitudes and clinical experience among general practising dentists in Sweden. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 460-465.	1.6	24
39	Altered levels of salivary and plasma pain related markers in temporomandibular disorders. <i>Journal of Headache and Pain</i> , 2020, 21, 105.	6.0	24
40	Differential effects of repetitive oral administration of monosodium glutamate on interstitial glutamate concentration and muscle pain sensitivity. <i>Nutrition</i> , 2015, 31, 315-323.	2.4	23
41	Controlled, cross-sectional, multi-center study of physical capacity and associated factors in women with fibromyalgia. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 121.	1.9	23
42	Pain, allodynia, and serum serotonin level in orofacial pain of muscular origin. <i>Journal of Orofacial Pain</i> , 1999, 13, 56-62.	1.7	23
43	Salivary cortisol and psychological factors in women with chronic and acute orofacial pain. <i>Journal of Oral Rehabilitation</i> , 2014, 41, 122-132.	3.0	22
44	Increased pain and muscle glutamate concentration after single ingestion of monosodium glutamate by myofascial temporomandibular disorders patients. <i>European Journal of Pain</i> , 2016, 20, 1502-1512.	2.8	22
45	Effects of 15 weeks of resistance exercise on pro-inflammatory cytokine levels in the vastus lateralis muscle of patients with fibromyalgia. <i>Arthritis Research and Therapy</i> , 2016, 18, 137.	3.5	22
46	Repeated tender point injections of granisetron alleviate chronic myofascial pain - a randomized, controlled, double-blinded trial. <i>Journal of Headache and Pain</i> , 2015, 16, 104.	6.0	20
47	Benefits of resistance exercise in lean women with fibromyalgia: involvement of IGF-1 and leptin. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 106.	1.9	19
48	Effects on muscle pain by intramuscular injection of granisetron in patients with fibromyalgia. <i>Pain</i> , 2003, 101, 275-282.	4.2	18
49	Perceived exertion at work in women with fibromyalgia: Explanatory factors and comparison with healthy women. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 773-780.	1.1	18
50	Increased Anandamide and Decreased Pain and Depression after Exercise in Fibromyalgia. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1617-1628.	0.4	18
51	Experimental myalgia induced by repeated infusion of acidic saline into the human masseter muscle does not cause the release of algescic substances. <i>European Journal of Pain</i> , 2013, 17, 539-550.	2.8	17
52	The importance of emotional distress, cognitive behavioural factors and pain for life impact at baseline and for outcomes after rehabilitation – a SQRP study of more than 20,000 chronic pain patients. <i>Scandinavian Journal of Pain</i> , 2019, 19, 693-711.	1.3	17
53	Serotonin, glutamate and glycerol are released after the injection of hypertonic saline into human masseter muscles – a microdialysis study. <i>Journal of Headache and Pain</i> , 2014, 15, 89.	6.0	16
54	Psychophysical characterisation of burning mouth syndrome – A systematic review and meta-analysis. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1590-1605.	3.0	16

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55	Effects of local serotonin administration on pain and microcirculation in the human masseter muscle. <i>Journal of Orofacial Pain</i> , 2006, 20, 241-8.	1.7	16
56	Influence of topical anaesthesia on the corticomotor response to tongue training. <i>Archives of Oral Biology</i> , 2009, 54, 696-704.	1.8	14
57	Plasma tryptophan and kynurenine in females with temporomandibular disorders and fibromyalgia—An exploratory pilot study. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 150-157.	3.0	14
58	Topical Review: Potential Use of Botulinum Toxin in the Management of Painful Posttraumatic Trigeminal Neuropathy. <i>Journal of Oral and Facial Pain and Headache</i> , 2017, 31, 7-18.	1.4	13
59	Using the child behavior checklist to determine associations between psychosocial aspects and TMD-related pain in children and adolescents. <i>Journal of Headache and Pain</i> , 2018, 19, 88.	6.0	13
60	Sex-related differences in response to masseteric injections of glutamate and nerve growth factor in healthy human participants. <i>Scientific Reports</i> , 2021, 11, 13873.	3.3	12
61	Influence of Polymorphisms in the HTR3A and HTR3B Genes on Experimental Pain and the Effect of the 5-HT3 Antagonist Granisetron. <i>PLoS ONE</i> , 2016, 11, e0168703.	2.5	12
62	Daytime changes of salivary biomarkers involved in pain. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 843-850.	3.0	11
63	Myogenous temporomandibular disorders and salivary markers of oxidative stress—A cross-sectional study. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 1-9.	3.0	11
64	Density of nerve fibres and expression of substance P, NR2B receptors and nerve growth factor in healthy human masseter muscle: An immunohistochemical study. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 35-44.	3.0	11
65	Efficacy of Botulinum Toxin Type-A I in the Improvement of Mandibular Motion and Muscle Sensibility in Myofascial Pain TMD Subjects: A Randomized Controlled Trial. <i>Toxins</i> , 2022, 14, 441.	3.4	11
66	Effect of local glucocorticoid injection on masseter muscle level of serotonin in patients with chronic myalgia. <i>Acta Odontologica Scandinavica</i> , 1998, 56, 129-134.	1.6	10
67	Acidic saline-induced pain as a model for experimental masseter myalgia in healthy subjects. <i>European Journal of Pain</i> , 2013, 17, 1438-1446.	2.8	10
68	Protein Signature in Saliva of Temporomandibular Disorders Myalgia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2569.	4.1	10
69	Influence of intramuscular granisetron on experimentally induced muscle pain by acidic saline. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 403-412.	3.0	9
70	Effectiveness of a Prefabricated Occlusal Appliance in Patients with Temporomandibular Joint Pain: A Randomized Controlled Multicenter Study. <i>Journal of Oral and Facial Pain and Headache</i> , 2014, 28, 128-137.	1.4	9
71	Photobiomodulation Therapy is Able to Modulate PGE 2 Levels in Patients With Chronic Non-specific Low Back Pain: A Randomized Placebo-Controlled Trial. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 236-244.	2.1	9
72	Changes in jaw muscle EMG activity and pain after third molar surgery. <i>Journal of Oral Rehabilitation</i> , 2007, 34, 15-26.	3.0	8

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73	Circulating androgens and SHBG during the normal menstrual cycle in two ethnic populations. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 184-189.	1.2	8
74	Patient Experiences of Therapeutic Jaw Exercises in the Treatment of Masticatory Myofascial Pain: A Qualitative Study. <i>Journal of Oral and Facial Pain and Headache</i> , 2017, 31, 46-54.	1.4	8
75	Diurnal variation of inflammatory plasma proteins involved in pain. <i>Pain Reports</i> , 2019, 4, e776.	2.7	8
76	Comorbid Conditions in Temporomandibular Disorders Myalgia and Myofascial Pain Compared to Fibromyalgia. <i>Journal of Clinical Medicine</i> , 2021, 10, 3138.	2.4	8
77	Nerve growth factor and glutamate increase the density and expression of substance P-containing nerve fibers in healthy human masseter muscles. <i>Scientific Reports</i> , 2021, 11, 15673.	3.3	8
78	Proteomic Investigation in Plasma from Women with Fibromyalgia in Response to a 15-wk Resistance Exercise Intervention. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 232-246.	0.4	8
79	Temporomandibular joint involvement in children with juvenile idiopathic arthritis—Symptoms, clinical signs and radiographic findings. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 37-46.	3.0	6
80	Short-term effect of glucocorticoid injection into the superficial masseter muscle of patients with chronic myalgia: a comparison between fibromyalgia and localized myalgia. <i>Journal of Orofacial Pain</i> , 1997, 11, 249-57.	1.7	6
81	Patients' experiences of therapeutic jaw exercises in the treatment of masticatory myofascial pain—A postal questionnaire study. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 800-806.	3.0	5
82	Functional Change in Experimental Allodynia After Glutamate-Induced Pain in the Human Masseter Muscle. <i>Frontiers in Oral Health</i> , 2020, 1, 609082.	3.0	5
83	The effect of botulinum toxin A on patients with persistent idiopathic dentoalveolar pain—A systematic review. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1184-1191.	3.0	5
84	Repeated buffered acidic saline infusion in the human masseter muscle as a putative experimental pain model. <i>Scientific Reports</i> , 2019, 9, 15474.	3.3	4
85	Polymorphisms in the HTR2A and HTR3A Genes Contribute to Pain in TMD Myalgia. <i>Frontiers in Oral Health</i> , 2021, 2, 647924.	3.0	4
86	Salivary biomarkers in children with juvenile idiopathic arthritis and healthy age-matched controls: a prospective observational study. <i>Scientific Reports</i> , 2022, 12, 3240.	3.3	4
87	Masticatory Muscle Pain Biomarkers. , 2017, , 79-93.		3
88	Reduced immune system responsiveness in fibromyalgia - A pilot study. <i>Clinical Immunology Communications</i> , 2022, 2, 46-53.	1.2	3
89	The Effect of Granisetron on Sensory Detection and Pain Thresholds in Facial Skin of Healthy Young Males. <i>Frontiers in Neurology</i> , 2020, 11, 237.	2.4	2
90	Serotonin Receptors. , 0, , 243-274.		2

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91	AB0832-HPRâ€¦Resistance exercise training for women with fibromyalgia. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A1094.2-A1094.	0.9	1
92	FRI0563-HPRâ€¦Does Resistance Exercise Improve Physical Function, Health Status and Pain in Fibromyalgia?. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1199.1-1199.	0.9	1
93	Experimental muscle pain and music, do they interact?. <i>Journal of Oral Pathology and Medicine</i> , 2020, 49, 522-528.	2.7	1
94	Sterile water; a novel and promising human experimental craniofacial muscle pain model. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 654-665.	3.0	1
95	Altered Plasma Proteins in Myogenous Temporomandibular Disorders. <i>Journal of Clinical Medicine</i> , 2022, 11, 2777.	2.4	1
96	OPO260-HPRâ€¦Higher satisfaction with activity-related symptoms after 15-week resistance exercise in women with fibromyalgia. , 2017, , .		0