

# 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	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
2	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
3	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
4	Reduced immune system responsiveness in fibromyalgia - A pilot study. <i>Clinical Immunology Communications</i> , 2022, 2, 46-53.	1.2	3
5	Altered Plasma Proteins in Myogenous Temporomandibular Disorders. <i>Journal of Clinical Medicine</i> , 2022, 11, 2777.	2.4	1
6	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
7	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
8	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
9	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
10	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
11	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
12	Comorbid Conditions in Temporomandibular Disorders Myalgia and Myofascial Pain Compared to Fibromyalgia. <i>Journal of Clinical Medicine</i> , 2021, 10, 3138.	2.4	8
13	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
14	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
15	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
16	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
17	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
18	Experimental muscle pain and music, do they interact?. <i>Journal of Oral Pathology and Medicine</i> , 2020, 49, 522-528.	2.7	1

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19	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
20	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
21	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
22	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
23	Protein Signature in Saliva of Temporomandibular Disorders Myalgia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2569.	4.1	10
24	Daytime changes of salivary biomarkers involved in pain. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 843-850.	3.0	11
25	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
26	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
27	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
28	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
29	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
30	Who benefits from multimodal rehabilitation – 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
31	Diurnal variation of inflammatory plasma proteins involved in pain. <i>Pain Reports</i> , 2019, 4, e776.	2.7	8
32	Saliva as a medium to detect and measure biomarkers related to pain. <i>Scientific Reports</i> , 2018, 8, 3220.	3.3	93
33	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
34	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
35	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
36	The Relationship of Endocannabinoid 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

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37	The role of molecular pain biomarkers in temporomandibular joint internal derangement. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 481-491.	3.0	36
38	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
39	Increased levels of intramuscular cytokines in patients with jaw muscle pain. <i>Journal of Headache and Pain</i> , 2017, 18, 30.	6.0	56
40	Masticatory Muscle Pain Biomarkers. , 2017, , 79-93.		3
41	Gene-to-gene interactions regulate endogenous pain modulation in fibromyalgia patients and healthy controlsâ€”antagonistic effects between opioid and serotonin-related genes. <i>Pain</i> , 2017, 158, 1194-1203.	4.2	54
42	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
43	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
44	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
45	OPO260-HPRâ€…Higher satisfaction with activity-related symptoms after 15-week resistance exercise in women with fibromyalgia. , 2017, , .		0
46	Dopamine in plasma â€” a biomarker for myofascial TMD pain?. <i>Journal of Headache and Pain</i> , 2016, 17, 65.	6.0	33
47	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
48	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
49	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
50	The proteomic profile of whole and glandular saliva in healthy pain-free subjects. <i>Scientific Reports</i> , 2016, 6, 39073.	3.3	63
51	Prevalence of diagnosed temporomandibular disorders among Saudi Arabian children and adolescents. <i>Journal of Headache and Pain</i> , 2016, 17, 41.	6.0	86
52	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
53	Treatment of temporomandibular disorders â€” knowledge, attitudes and clinical experience among general practising dentists in Sweden. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 460-465.	1.6	24
54	Increased Interstitial Concentrations of Glutamate and Pyruvate in Vastus Lateralis of Women with Fibromyalgia Syndrome Are Normalized after an Exercise Intervention â€” A Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0162010.	2.5	26

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55	Influence of Polymorphisms in the HTR3A and HTR3B Genes on Experimental Pain and the Effect of the 5-HT3 Antagonist Granisetron. PLoS ONE, 2016, 11, e0168703.	2.5	12
56	Repeated tender point injections of granisetron alleviate chronic myofascial pain - a randomized, controlled, double-blinded trial. Journal of Headache and Pain, 2015, 16, 104.	6.0	20
57	Effects of Experimental Tooth Clenching on Pain and Intramuscular Release of 5-HT and Glutamate in Patients With Myofascial TMD. Clinical Journal of Pain, 2015, 31, 740-749.	1.9	24
58	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. PLoS ONE, 2015, 10, e0143856.	2.5	32
59	Differential effects of repetitive oral administration of monosodium glutamate on interstitial glutamate concentration and muscle pain sensitivity. Nutrition, 2015, 31, 315-323.	2.4	23
60	Resistance exercise improves muscle strength, health status and pain intensity in fibromyalgia – a randomized controlled trial. Arthritis Research and Therapy, 2015, 17, 161.	3.5	122
61	Serotonin, glutamate and glycerol are released after the injection of hypertonic saline into human masseter muscles – a microdialysis study. Journal of Headache and Pain, 2014, 15, 89.	6.0	16
62	Perceived exertion at work in women with fibromyalgia: Explanatory factors and comparison with healthy women. Journal of Rehabilitation Medicine, 2014, 46, 773-780.	1.1	18
63	FRI0563-HPR – Does Resistance Exercise Improve Physical Function, Health Status and Pain in Fibromyalgia?. Annals of the Rheumatic Diseases, 2014, 73, 1199.1-1199.	0.9	1
64	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. Journal of Headache and Pain, 2014, 15, 63.	6.0	28
65	Salivary cortisol and psychological factors in women with chronic and acute oro-facial pain. Journal of Oral Rehabilitation, 2014, 41, 122-132.	3.0	22
66	NGF-induced mechanical sensitization of the masseter muscle is mediated through peripheral NMDA receptors. Neuroscience, 2014, 269, 232-244.	2.3	56
67	Chronic musculoskeletal pain: review of mechanisms and biochemical biomarkers as assessed by the microdialysis technique. Journal of Pain Research, 2014, 7, 313.	2.0	84
68	Effectiveness of a Prefabricated Occlusal Appliance in Patients with Temporomandibular Joint Pain: A Randomized Controlled Multicenter Study. Journal of Oral and Facial Pain and Headache, 2014, 28, 128-137.	1.4	9
69	Experimental myalgia induced by repeated infusion of acidic saline into the human masseter muscle does not cause the release of algescic substances. European Journal of Pain, 2013, 17, 539-550.	2.8	17
70	Acidic saline-induced pain as a model for experimental masseter myalgia in healthy subjects. European Journal of Pain, 2013, 17, 1438-1446.	2.8	10
71	Influence of intramuscular granisetron on experimentally induced muscle pain by acidic saline. Journal of Oral Rehabilitation, 2013, 40, 403-412.	3.0	9
72	AB0832-HPR – Resistance exercise training for women with fibromyalgia. Annals of the Rheumatic Diseases, 2013, 72, A1094.2-A1094.	0.9	1

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73	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
74	The Influence of Menstrual Phases on Pain Modulation in Healthy Women. <i>Journal of Pain</i> , 2012, 13, 646-655.	1.4	80
75	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
76	Influence of oral contraceptives on endogenous pain control in healthy women. <i>Experimental Brain Research</i> , 2010, 203, 329-338.	1.5	30
77	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
78	Influence of topical anaesthesia on the corticomotor response to tongue training. <i>Archives of Oral Biology</i> , 2009, 54, 696-704.	1.8	14
79	Serotonin (5-HT) excites rat masticatory muscle afferent fibers through activation of peripheral 5-HT <sub>3</sub> receptors. <i>Pain</i> , 2008, 134, 41-50.	4.2	31
80	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
81	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
82	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
83	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
84	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
85	Effects on muscle pain by intramuscular injection of granisetron in patients with fibromyalgia. <i>Pain</i> , 2003, 101, 275-282.	4.2	18
86	Ropivacaine for dental anesthesia: A dose-finding study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 1004-1010.	1.2	41
87	Pain mediation by prostaglandin E <sub>2</sub> and leukotriene B <sub>4</sub> in the human masseter muscle. <i>Acta Odontologica Scandinavica</i> , 2001, 59, 348-355.	1.6	51
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	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
96	Serotonin Receptors. , 0, , 243-274.		2