

# Eva Kosek

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

6,902  
citations

147801

31  
h-index

95266

68  
g-index

76  
all docs

76  
docs citations

76  
times ranked

6303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic pain as a symptom or a disease: the IASP Classification of Chronic Pain for the International Classification of Diseases (ICD-11). <i>Pain</i> , 2019, 160, 19-27.	4.2	1,547
2	Do we need a third mechanistic descriptor for chronic pain states?. <i>Pain</i> , 2016, 157, 1382-1386.	4.2	502
3	Modulatory influence on somatosensory perception from vibration and heterotopic noxious conditioning stimulation (HNCS) in fibromyalgia patients and healthy subjects. <i>Pain</i> , 1997, 70, 41-51.	4.2	453
4	Lack of pressure pain modulation by heterotopic noxious conditioning stimulation in patients with painful osteoarthritis before, but not following, surgical pain relief. <i>Pain</i> , 2000, 88, 69-78.	4.2	409
5	Evidence of dysfunctional pain inhibition in Fibromyalgia reflected in rACC during provoked pain. <i>Pain</i> , 2009, 144, 95-100.	4.2	302
6	Exercise-Induced Hypoalgesia in Pain-Free and Chronic Pain Populations: State of the Art and Future Directions. <i>Journal of Pain</i> , 2019, 20, 1249-1266.	1.4	238
7	Abnormalities of somatosensory perception in patients with painful osteoarthritis normalize following successful treatment. <i>European Journal of Pain</i> , 2000, 4, 229-238.	2.8	207
8	Chronic nociplastic pain affecting the musculoskeletal system: clinical criteria and grading system. <i>Pain</i> , 2021, 162, 2629-2634.	4.2	205
9	Patients with Fibromyalgia Display Less Functional Connectivity in the Brain's Pain Inhibitory Network. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-32.	2.1	203
10	Modulation of pressure pain thresholds during and following isometric contraction in patients with fibromyalgia and in healthy controls. <i>Pain</i> , 1996, 64, 415-423.	4.2	201
11	Dysfunction of endogenous pain inhibition during exercise with painful muscles in patients with shoulder myalgia and fibromyalgia. <i>Pain</i> , 2010, 151, 77-86.	4.2	190
12	Brain glial activation in fibromyalgia – A multi-site positron emission tomography investigation. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 72-83.	4.1	186
13	Somatosensory perception and function of diffuse noxious inhibitory controls (DNIC) in patients suffering from rheumatoid arthritis. <i>European Journal of Pain</i> , 2002, 6, 161-176.	2.8	165
14	Overlapping Structural and Functional Brain Changes in Patients With Long-Term Exposure to Fibromyalgia Pain. <i>Arthritis and Rheumatism</i> , 2013, 65, 3293-3303.	6.7	162
15	Evidence of central inflammation in fibromyalgia – Increased cerebrospinal fluid interleukin-8 levels. <i>Journal of Neuroimmunology</i> , 2012, 242, 33-38.	2.3	140
16	Dysfunctional endogenous analgesia during exercise in patients with chronic pain: to exercise or not to exercise?. <i>Pain Physician</i> , 2012, 15, ES205-13.	0.4	123
17	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
18	Passive transfer of fibromyalgia symptoms from patients to mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	106

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19	Fibromyalgia Is Associated with Decreased Connectivity Between Pain- and Sensorimotor Brain Areas. <i>Brain Connectivity</i> , 2014, 4, 587-594.	1.7	97
20	Evidence of different mediators of central inflammation in dysfunctional and inflammatory pain – Interleukin-8 in fibromyalgia and interleukin-1 $\beta$ in rheumatoid arthritis. <i>Journal of Neuroimmunology</i> , 2015, 280, 49-55.	2.3	97
21	Modulation of pressure pain thresholds during and following isometric contraction. <i>Pain</i> , 1995, 61, 481-486.	4.2	75
22	Intrinsic Brain Connectivity in Chronic Pain: A Resting-State fMRI Study in Patients with Rheumatoid Arthritis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 107.	2.0	72
23	Effects of age, BMI and sex on the glial cell marker TSPO – a multicentre [11C]PBR28 HRRT PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2329-2338.	6.4	70
24	The influence of pain intensity on somatosensory perception in patients suffering from subacute/chronic lateral epicondylalgia. <i>European Journal of Pain</i> , 2000, 4, 57-71.	2.8	67
25	Genetic Variation in the Serotonin Transporter Gene (5-HTTLPR, Rs25531) Influences the Analgesic Response to the Short Acting Opioid Remifentanyl in Humans. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-37.	2.1	65
26	Injection of hypertonic saline into musculus infraspinatus resulted in referred pain and sensory disturbances in the ipsilateral upper arm. <i>European Journal of Pain</i> , 2000, 4, 73-82.	2.8	63
27	Resistance exercise improves physical fatigue in women with fibromyalgia: a randomized controlled trial. <i>Arthritis Research and Therapy</i> , 2016, 18, 176.	3.5	52
28	In vivo evidence of a functional association between immune cells in blood and brain in healthy human subjects. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 149-157.	4.1	48
29	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
30	Characterization of neuroinflammation and periphery-to-CNS inflammatory cross-talk in patients with disc herniation and degenerative disc disease. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 60-71.	4.1	36
31	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
32	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
33	Fibromyalgia Patients Had Normal Distraction Related Pain Inhibition but Cognitive Impairment Reflected in Caudate Nucleus and Hippocampus during the Stroop Color Word Test. <i>PLoS ONE</i> , 2014, 9, e108637.	2.5	32
34	The influence of experimental pain intensity in the local and referred pain area on somatosensory perception in the area of referred pain. <i>European Journal of Pain</i> , 2002, 6, 413-425.	2.8	31
35	The human CSF pain proteome. <i>Journal of Proteomics</i> , 2019, 190, 67-76.	2.4	29
36	Fibromyalgia position paper. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 186-193.	0.8	29

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37	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
38	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
39	Long-term, health-enhancing physical activity is associated with reduction of pain but not pain sensitivity or improved exercise-induced hypoalgesia in persons with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 262.	3.5	26
40	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
41	Pain sensitivity at rest and during muscle contraction in persons with rheumatoid arthritis: a substudy within the Physical Activity in Rheumatoid Arthritis 2010 study. <i>Arthritis Research and Therapy</i> , 2018, 20, 48.	3.5	25
42	Higher pain sensitivity and lower muscle strength in postmenopausal women with early rheumatoid arthritis compared with age-matched healthy women – a pilot study. <i>Disability and Rehabilitation</i> , 2013, 35, 1350-1356.	1.8	23
43	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
44	NF- $\kappa$ B-Associated Pain-Related Neuropeptide Expression in Patients with Degenerative Disc Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 658.	4.1	23
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	Features and methods to discriminate between mechanism-based categories of pain experienced in the musculoskeletal system: a Delphi expert consensus study. <i>Pain</i> , 2022, 163, 1812-1828.	4.2	21
47	Mechanisms of pain referral in patients with whiplash associated disorder. <i>European Journal of Pain</i> , 2008, 12, 650-660.	2.8	20
48	Activation of NF- $\kappa$ B in Synovium versus Cartilage from Patients with Advanced Knee Osteoarthritis: A Potential Contributor to Inflammatory Aspects of Disease Progression. <i>Journal of Immunology</i> , 2018, 201, 1918-1927.	0.8	20
49	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
50	Neural correlates of conditioned pain responses in fibromyalgia subjects indicate preferential formation of new pain associations rather than extinction of irrelevant ones. <i>Pain</i> , 2020, 161, 2079-2088.	4.2	19
51	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
52	Segregating the Cerebral Mechanisms of Antidepressants and Placebo in Fibromyalgia. <i>Journal of Pain</i> , 2014, 15, 1328-1337.	1.4	17
53	Evidence of fatigue, disordered sleep and peripheral inflammation, but not increased brain TSPO expression, in seasonal allergy: A [11C]PBR28 PET study. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 146-157.	4.1	17
54	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

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55	Perceptual integration of intramuscular electrical stimulation in the focal and the referred pain area in healthy humans. <i>Pain</i> , 2003, 105, 125-131.	4.2	13
56	Polymorphisms of the $\mu$ -opioid receptor gene influence cerebral pain processing in fibromyalgia. <i>European Journal of Pain</i> , 2021, 25, 398-414.	2.8	11
57	Distinct aberrations in cerebral pain processing differentiating patients with fibromyalgia from patients with rheumatoid arthritis. <i>Pain</i> , 2022, 163, 538-547.	4.2	10
58	Elevated inflammatory proteins in cerebrospinal fluid from patients with painful knee osteoarthritis are associated with reduced symptom severity. <i>Journal of Neuroimmunology</i> , 2020, 349, 577391.	2.3	8
59	Comorbid Conditions in Temporomandibular Disorders Myalgia and Myofascial Pain Compared to Fibromyalgia. <i>Journal of Clinical Medicine</i> , 2021, 10, 3138.	2.4	8
60	A proposed mechanism for autonomic dysfunction in rheumatoid arthritis – reduced vagal activity related to high intrathecal IL-1 $\beta$ levels. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A7.1-A7.	0.9	7
61	Expression of mitochondrial <i>TSPO</i> and <i>FAM173B</i> is associated with inflammation and symptoms in patients with painful knee osteoarthritis. <i>Rheumatology</i> , 2021, 60, 1724-1733.	1.9	5
62	Research Recommendations Following the Discovery of Pain Sensitizing IgG Autoantibodies in Fibromyalgia Syndrome. <i>Pain Medicine</i> , 2022, 23, 1084-1094.	1.9	4
63	Diagnostic and therapeutic care pathway for fibromyalgia. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 120-127.	0.8	4
64	Naltrexone during pain conditioning: A double-blind placebo-controlled experimental trial. <i>Molecular Pain</i> , 2020, 16, 174480692092762.	2.1	3
65	Non-Peptide Opioids Differ in Effects on Mu-Opioid (MOP) and Serotonin 1A (5-HT1A) Receptors Heterodimerization and Cellular Effectors (Ca $^{2+}$ , ERK1/2 and p38) Activation. <i>Molecules</i> , 2022, 27, 2350.	3.8	3
66	Objective and Subjective Sleep in Rheumatoid Arthritis and Severe Seasonal Allergy: Preliminary Assessments of the Role of Sickness, Central and Peripheral Inflammation. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 775-789.	2.7	2
67	Reply to Russo et al.. <i>Pain</i> , 2022, 163, e964-e965.	4.2	2
68	Fibromyalgia position paper. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 130, 186-193.	0.8	1
69	Spontaneous pain is reduced by conditioning pain modulation in peripheral neuropathy but not in fibromyalgia – Implications for different pain mechanisms. <i>Scandinavian Journal of Pain</i> , 2012, 3, 113-115.	1.3	0
70	Unexpected finding of anticitrullinated protein antibodies in cerebrospinal fluid of RA patients with intact blood brain barrier. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A36.1-A36.	0.9	0
71	Diagnostic and therapeutic care pathway for fibromyalgia. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 130, 120-127.	0.8	0
72	Reply to Cohen. <i>Pain</i> , 2022, 163, e607-e608.	4.2	0

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73	Concerns about the taxonomy, definition and coding of fibromyalgia syndrome in ICD-11: the potential for negative consequences for patient care and research. <i>Clinical and Experimental Rheumatology</i> , 0, , .	0.8	0