Eija Kalso

List of Publications by Year
in descending order

113 papers	6,323 citations	101543 36 h-index	71685 76 g-index
114 all docs	114 docs citations	114 times ranked	6693 citing authors

#	Article	IF	Citations
1	Neuropathic pain. Nature Reviews Disease Primers, 2017, 3, 17002.	30.5	1,360
2	Opioids in chronic non-cancer pain: systematic review of efficacy and safety. Pain, 2004, 112, 372-380.	4.2	1,034
3	Morphine and oxycodone hydrochloride in the management of cancer pain. Clinical Pharmacology and Therapeutics, 1990, 47, 639-646.	4.7	249
4	Oxycodone. Journal of Pain and Symptom Management, 2005, 29, 47-56.	1.2	236
5	Recommendations for using opioids in chronic nonâ€cancer pain. European Journal of Pain, 2003, 7, 381-386.	2.8	223
6	No pain, no gain: clinical excellence and scientific rigour â€“ lessons learned from IA morphine. Pain, 2002, 98, 269-275.	4.2	174
7	Treatment-Related Factors Predisposing to Chronic Pain in Patients with Breast CancerA Multivariate Approach. Acta OncolÃ³gica, 1997, 36, 625-630.	1.8	157
8	European Pain Federation (<scp>EFIC</scp>) position paper on appropriate use of cannabisâ€based medicines and medical cannabis for chronic pain management. European Journal of Pain, 2018, 22, 1547-1564.	2.8	149
9	A holistic approach to chronic pain management that involves all stakeholders: change is needed. Current Medical Research and Opinion, 2015, 31, 1743-1754.	1.9	108
10	Profiles of pregabalin and gabapentin abuse by postmortem toxicology. Forensic Science International, 2014, 241, 1-6.	2.2	107
11	Pain in 1,000 Women Treated for Breast Cancer. Anesthesiology, 2013, 119, 1410-1421.	2.5	96
12	Pain at 12 Months After Surgery for Breast Cancer. JAMA - Journal of the American Medical Association, 2014, 311, 90.	7.4	94
13	Drugs for neuropathic pain. BMJ, The, 2013, 347, f7339-f7339.	6.0	91
14	Topical analgesics for acute and chronic pain in adults - an overview of Cochrane Reviews. The Cochrane Library, 2020, 2020, CD008609.	2.8	88
15	Morphine and Oxycodone in the Management of Cancer Pain: Plasma Levels Determined by Chemical and Radioreceptor Assays. Basic and Clinical Pharmacology and Toxicology, 1990, 67, 322-328.	0.0	81
16	WHO analgesic ladder: a good concept gone astray. BMJ, The, 2016, 352, i20.	6.0	81
17	Ketamine for pain management. Pain Reports, 2018, 3, e674.	2.7	81
18	Sodium Channel Blockers in Neuropathic Pain. Current Pharmaceutical Design, 2005, 11, 3005-3011.	1.9	80

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19	Clinical Prediction Model and Tool for Assessing Risk of Persistent Pain After Breast Cancer Surgery. Journal of Clinical Oncology, 2017, 35, 1660-1667.	1.6	80
20	Dexmedetomidine enhances glymphatic brain delivery of intrathecally administered drugs. Journal of Controlled Release, 2019, 304, 29-38.	9.9	73
21	Management of acute pain in the postoperative setting: the importance of quality indicators. Current Medical Research and Opinion, 2018, 34, 187-196.	1.9	62
22	How different is oxycodone from morphine?. Pain, 2007, 132, 227-228.	4.2	59
23	New approach for treatment of prolonged postoperative pain: APS Out-Patient Clinic. Scandinavian Journal of Pain, 2016, 12, 19-24.	1.3	59
24	Effects of Radolmidine, A Novel Î±2-Adrenergic Agonist Compared with Dexmedetomidine in Different Pain Models in the Rat. Anesthesiology, 2000, 93, 473-481.	2.5	57
25	Pain chronification: what should a non-pain medicine specialist know?. Current Medical Research and Opinion, 2018, 34, 1169-1178.	1.9	55
26	Does expecting more pain make it more intense? Factors associated with the first week pain trajectories after breast cancer surgery. Pain, 2017, 158, 922-930.	4.2	53
27	Machine-learning-derived classifier predicts absence of persistent pain after breast cancer surgery with high accuracy. Breast Cancer Research and Treatment, 2018, 171, 399-411.	2.5	53
28	Spinal versus brain microglial and macrophage activation traits determine the differential neuroinflammatory responses and analgesic effect of minocycline in chronic neuropathic pain. Brain, Behavior, and Immunity, 2016, 58, 107-117.	4.1	51
29	Validation of EQ-5D and 15D in the assessment of health-related quality of life in chronic pain. Pain, 2017, 158, 1577-1585.	4.2	51
30	Antiepileptic Drugs for Neuropathic Pain and Fibromyalgia. JAMA - Journal of the American Medical Association, 2014, 312, 182.	7.4	48
31	Differential Spinal and Supraspinal Activation of Glia in a Rat Model of Morphine Tolerance. Neuroscience, 2018, 375, 10-24.	2.3	46
32	Health-related quality of life and burden of disease in chronic pain measured with the 15D instrument. Pain, 2016, 157, 2269-2276.	4.2	43
33	Central poststroke pain in young ischemic stroke survivors in the Helsinki Young Stroke Registry. Neurology, 2014, 83, 1147-1154.	1.1	42
34	Treatment for chronic low back pain: the focus should change to multimodal management that reflects the underlying pain mechanisms. Current Medical Research and Opinion, 2017, 33, 1199-1210.	1.9	39
35	What makes surgical nerve injury painful? A 4-year to 9-year follow-up of patients with intercostobrachial nerve resection in women treated for breast cancer. Pain, 2019, 160, 246-256.	4.2	39
36	Predicting long-term response to strong opioids in patients with low back pain: findings from a randomized, controlled trial of transdermal fentanyl and morphine. BMC Medicine, 2007, 5, 39.	5.5	37

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37	A data science approach to candidate gene selection of pain regarded as a process of learning and neural plasticity. Pain, 2016, 157, 2747-2757.	4.2	35
38	Structural and functional interactions between six-transmembrane Î¼-opioid receptors and Î²2-adrenoreceptors modulate opioid signaling. Scientific Reports, 2016, 5, 18198.	3.3	34
39	Genetic variation in P2RX7 and pain tolerance. Pain, 2018, 159, 1064-1073.	4.2	34
40	International Association for the Study of Pain Presidential Task Force on Cannabis and Cannabinoid Analgesia: research agenda on the use of cannabinoids, cannabis, and cannabis-based medicines for pain management. Pain, 2021, 162, S117-S124.	4.2	33
41	Multidisciplinary pain treatment â€“ Which patients do benefit?. Scandinavian Journal of Pain, 2012, 3, 201-207.	1.3	32
42	Pain interference type and level guide the assessment process in chronic pain: Categorizing pain patients entering tertiary pain treatment with the Brief Pain Inventory. PLoS ONE, 2019, 14, e0221437.	2.5	32
43	Do strong opioids have a role in the early management of back pain? Recommendations from a European expert panel. Current Medical Research and Opinion, 2005, 21, 1819-1828.	1.9	27
44	Opioid Concentrations in Oral Fluid and Plasma in Cancer Patients With Pain. Journal of Pain and Symptom Management, 2015, 50, 524-532.	1.2	27
45	Immune activation enhances epithelial nerve growth in provoked vestibulodynia. American Journal of Obstetrics and Gynecology, 2016, 215, 768.e1-768.e8.	1.3	27
46	Predictors of fibromyalgia: a population-based twin cohort study. BMC Musculoskeletal Disorders, 2016, 17, 29.	1.9	26
47	Improving opioid effectiveness: from ideas to evidence. European Journal of Pain, 2005, 9, 131-135.	2.8	24
48	Non-invasive patient-controlled analgesia in the management of acute postoperative pain in the hospital setting. Current Medical Research and Opinion, 2018, 34, 1179-1186.	1.9	24
49	CACNG2 polymorphisms associate with chronic pain after mastectomy. Pain, 2019, 160, 561-568.	4.2	22
50	Diagnosing Depression in Chronic Pain Patients: DSM-IV Major Depressive Disorder vs. Beck Depression Inventory (BDI). PLoS ONE, 2016, 11, e0151982.	2.5	22
51	Analgesic Plasma Concentrations of Oxycodone After Surgery for Breast Cancerâ€”Which Factors Matter?. Clinical Pharmacology and Therapeutics, 2018, 103, 653-662.	4.7	20
52	Douleur Neuropathique 4 (DN4) stratifies possible and definite neuropathic pain after surgical peripheral nerve lesion. European Journal of Pain, 2020, 24, 413-422.	2.8	20
53	Machine learning suggests sleep as a core factor in chronic pain. Pain, 2021, 162, 109-123.	4.2	20
54	Managing post-thoracotomy pain: Epidural or systemic analgesia and extended care â€“ A randomized study with an â€œas usualâ€•control group. Scandinavian Journal of Pain, 2014, 5, 240-247.	1.3	19

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55	A Randomized, Sham-Controlled Trial of Repetitive Transcranial Magnetic Stimulation Targeting M1 and S2 in Central Poststroke Pain: A Pilot Trial. Neuromodulation, 2022, 25, 538-548.	0.8	19
56	Biomarkers for painSee related article by Eisenach et al., pages 207â€“212 of this issue. Pain, 2004, 107, 199-201.	4.2	16
57	Interactions of (2S,6S;2R,6R)â€Hydroxynorketamine, a Secondary Metabolite of (R,S)â€Ketamine, with Morphine. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 481-488.	2.5	16
58	Five easy pieces on evidence-based medicine (2). European Journal of Pain, 2000, 4, 321-324.	2.8	15
59	Symptom reduction and improved function in chronic CRPS type 1 after 12-week integrated, interdisciplinary therapy. Scandinavian Journal of Pain, 2019, 19, 257-270.	1.3	15
60	Five easy pieces on evidence-based medicine (4). European Journal of Pain, 2002, 6, 89-93.	2.8	13
61	Healthâ€related quality of life change in patients treated at a multidisciplinary pain clinic. European Journal of Pain, 2019, 23, 1318-1328.	2.8	13
62	Muscle activity and acute stress in fibromyalgia. BMC Musculoskeletal Disorders, 2021, 22, 183.	1.9	13
63	Psychological resilience associates with pain experience in women treated for breast cancer. Scandinavian Journal of Pain, 2020, 20, 545-553.	1.3	13
64	Memory for pain. Acta Anaesthesiologica Scandinavica, 1997, 41, 129-130.	1.6	12
65	Novel RET agonist for the treatment of experimental neuropathies. Molecular Pain, 2020, 16, 174480692095086.	2.1	12
66	Breast reconstruction after breast cancer surgeryÂâ€“ persistent pain and quality of life 1â€“8 years after breast reconstruction. Scandinavian Journal of Pain, 2021, 21, 522-529.	1.3	12
67	Sleep problems in pain patients entering tertiary pain care: the role of pain-related anxiety, medication use, self-reported diseases, and sleep disorders. Pain, 2022, 163, e812-e820.	4.2	12
68	Machine-learned analysis of global and glial/opioid intersectionâ€“related DNA methylation in patients with persistent pain after breast cancer surgery. Clinical Epigenetics, 2019, 11, 167.	4.1	11
69	Sleep Well and Recover Faster with Less Painâ€”A Narrative Review on Sleep in the Perioperative Period. Journal of Clinical Medicine, 2021, 10, 2000.	2.4	11
70	Liquorice for pain?. Therapeutic Advances in Psychopharmacology, 2021, 11, 204512532110248.	2.7	10
71	Five easy pieces on evidence based medicine (5). Trading benefit against harm-pain relief vs. adverse effects. European Journal of Pain, 2002, 6, 409-412.	2.8	9
72	Machine-learned identification of psychological subgroups with relation to pain interference in patients after breast cancer treatments. Breast, 2020, 50, 71-80.	2.2	9

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73	Morphine-3-glucuronide causes antinociceptive cross-tolerance to morphine and increases spinal substance P expression. European Journal of Pharmacology, 2020, 875, 173021.	3.5	9
74	First genome-wide association study on rocuronium dose requirements shows association with SLCO1A2. British Journal of Anaesthesia, 2021, 126, 949-957.	3.4	9
75	Systemic hypertonic saline enhances glymphatic spinal cord delivery of lumbar intrathecal morphine. Journal of Controlled Release, 2022, 344, 214-224.	9.9	9
76	Do Diuretics have Antinociceptive Actions: Studies of Spironolactone, Eplerenone, Furosemide and Chlorothiazide, Individually and with Oxycodone and Morphine. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 38-45.	2.5	8
77	Machine-learned analysis of the association of next-generation sequencingâ€“based genotypes with persistent pain after breast cancer surgery. Pain, 2019, 160, 2263-2277.	4.2	8
78	Neurophysiological response properties of medullary pain-control neurons following chronic treatment with morphine or oxycodone: modulation by acute ketamine. Journal of Neurophysiology, 2020, 124, 790-801.	1.8	8
79	Chronic use of opioids in intractable facial pain: A case report. Acta Odontologica Scandinavica, 1991, 49, 215-218.	1.6	7
80	The Vicious Circle in chronic pain management: balancing efficacy and adverse effects. Current Medical Research and Opinion, 2011, 27, 2069-2071.	1.9	7
81	Discovery of 12-Thiazole Abietanes as Selective Inhibitors of the Human Metabolic Serine Hydrolase hABHD16A. ACS Medicinal Chemistry Letters, 2018, 9, 1269-1273.	2.8	7
82	The impact of chronic orofacial pain on health-related quality of life. Scandinavian Journal of Pain, 2020, 20, 329-338.	1.3	7
83	Machine Learning and Pathway Analysis-Based Discovery of Metabolomic Markers Relating to Chronic Pain Phenotypes. International Journal of Molecular Sciences, 2022, 23, 5085.	4.1	7
84	Why we are proud to publish well-performed negative clinical studies?. Scandinavian Journal of Pain, 2013, 4, 15-16.	1.3	6
85	Mitoxantrone, pixantrone and mitoxantrone (2-hydroxyethyl)piperazine are toll-like receptor 4 antagonists, inhibit NF-Î°B activation, and decrease TNF-alpha secretion in primary microglia. European Journal of Pharmaceutical Sciences, 2020, 154, 105493.	4.0	6
86	Implementation of CYP2D6 copy-number imputation panel and frequency of key pharmacogenetic variants in Finnish individuals with a psychotic disorder. Pharmacogenomics Journal, 2022, 22, 166-172.	2.0	6
87	Five easy pieces on evidence-based medicine (1). European Journal of Pain, 2000, 4, 217-219.	2.8	5
88	Five easy pieces on evidenceâ€based medicine (3). European Journal of Pain, 2001, 5, 227-230.	2.8	5
89	Interpreting the Evidence: Reply to Spruyt etÂal.. Journal of Pain and Symptom Management, 2014, 47, e2-e4.	1.2	5
90	The relationship between anger regulation, mood, pain, and painâ€related disability in women treated for breast cancer. Psycho-Oncology, 2019, 28, 2002-2008.	2.3	5

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91	Antagonism of peripheral opioid receptors by methylnaltrexone does not prevent morphine tolerance in rats. Journal of Neuroscience Research, 2022, 100, 329-338.	2.9	5
92	Cannabinoids for pain or profit?. Pain, 2020, Publish Ahead of Print, S125-S126.	4.2	5
93	Glucose tolerance in fibromyalgia. Medicine (United States), 2021, 100, e27803.	1.0	5
94	How strong is the evidence for the efficacies of different drug treatments for neuropathic pain?. Nature Clinical Practice Neurology, 2006, 2, 186-187.	2.5	4
95	Machine-Learning Analysis of Serum Proteomics in Neuropathic Pain after Nerve Injury in Breast Cancer Surgery Points at Chemokine Signaling via SIRT2 Regulation. International Journal of Molecular Sciences, 2022, 23, 3488.	4.1	4
96	Development of an AmpliSeqTM Panel for Next-Generation Sequencing of a Set of Genetic Predictors of Persisting Pain. Frontiers in Pharmacology, 2018, 9, 1008.	3.5	3
97	Health-related quality of life and pain interference in two patient cohorts with neuropathic pain: breast cancer survivors and HIV patients. Scandinavian Journal of Pain, 2021, 21, 512-521.	1.3	3
98	A search for modifying genetic factors in CHEK2:c.1100delC breast cancer patients. Scientific Reports, 2021, 11, 14763.	3.3	3
99	Worse healthâ€related quality of life, impaired functioning and psychiatric comorbidities are associated with excess mortality in patients with severe chronic pain. European Journal of Pain, 2022, 26, 1135-1146.	2.8	3
100	Elevated highly sensitive C-reactive protein in fibromyalgia associates with symptom severity. Rheumatology Advances in Practice, 2022, 6, .	0.7	3
101	Reducing the risk of opioid misuse in persistent pain: Commentary on Jamison et al.. Pain, 2010, 150, 375-376.	4.2	2
102	Measuring abuse liabilityâ€"is the risk worth taking?. Nature Reviews Neurology, 2014, 10, 131-133.	10.1	2
103	Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease. EBioMedicine, 2022, 76, 103835.	6.1	2
104	Temperament and character dimensions differ in chronic post-surgical neuropathic pain and cold pressure pain. Scandinavian Journal of Pain, 2022, 22, 515-525.	1.3	2
105	Healthâ€related quality of life in patients with chronic orofacial pain compared with other chronic pain patients. Clinical and Experimental Dental Research, 2022, , .	1.9	2
106	Global year on cancer pain. Pain, 2008, 140, 247-248.	4.2	1
107	Reply to Letter to the Editor. Scandinavian Journal of Pain, 2013, 4, 54-54.	1.3	1
108	Caution in the Postoperative Treatment of Pain With Opioidsâ€"Surgeon Awareness Needed. JAMA Surgery, 2019, 154, e185839.	4.3	1

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109	Computational Functional Genomics-Based AmpliSeqâ„¢ Panel for Next-Generation Sequencing of Key Genes of Pain. International Journal of Molecular Sciences, 2021, 22, 878.	4.1	1
110	Static mechanical allodynia in post-surgical neuropathic pain after breast cancer treatments. Scandinavian Journal of Pain, 2020, 20, 683-691.	1.3	1
111	From patient observation to potential new therapiesâ€"Is old spironolactone a new analgesic?. Scandinavian Journal of Pain, 2014, 5, 61-62.	1.3	0
112	Postoperative oxycodone in breast cancer surgery: What factors associate with analgesic plasma concentrations?. Scandinavian Journal of Pain, 2016, 12, 118-119.	1.3	0
113	Response to Cohen et al. Pain Reports, 2019, 4, e731.	2.7	0