

# Suellen M Walker

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

4,059  
citations

101543

36  
h-index

123424

61  
g-index

84  
all docs

84  
docs citations

84  
times ranked

2634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term impact of neonatal intensive care and surgery on somatosensory perception in children born extremely preterm. <i>Pain</i> , 2009, 141, 79-87.	4.2	247
2	Infant pain management: a developmental neurobiological approach. <i>Nature Clinical Practice Neurology</i> , 2009, 5, 35-50.	2.5	228
3	The Efficacy of Intrathecal Morphine and Clonidine in the Treatment of Pain After Spinal Cord Injury. <i>Anesthesia and Analgesia</i> , 2000, 91, 1493-1498.	2.2	202
4	Priming of adult pain responses by neonatal pain experience: maintenance by central neuroimmune activity. <i>Brain</i> , 2012, 135, 404-417.	7.6	185
5	Opioid-sparing effects of perioperative paracetamol and nonsteroidal anti-inflammatory drugs (NSAIDs) in children. <i>Paediatric Anaesthesia</i> , 2013, 23, 475-495.	1.1	171
6	Delivering transformative action in paediatric pain: a Lancet Child & Adolescent Health Commission. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 47-87.	5.6	132
7	Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity. <i>Pain</i> , 2009, 147, 99-106.	4.2	125
8	Long-term effects of neonatal pain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 101005.	2.3	122
9	Combination Spinal Analgesic Chemotherapy: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2002, 95, 674-715.	2.2	116
10	Neonatal inflammation and primary afferent terminal plasticity in the rat dorsal horn. <i>Pain</i> , 2003, 105, 185-195.	4.2	99
11	Intrathecal clonidine and baclofen in the management of spasticity and neuropathic pain following spinal cord injury: A case study. <i>Archives of Physical Medicine and Rehabilitation</i> , 1996, 77, 824-826.	0.9	97
12	The ontogeny of neuropathic pain: Postnatal onset of mechanical allodynia in rat spared nerve injury (SNI) and chronic constriction injury (CCI) models. <i>Pain</i> , 2005, 115, 382-389.	4.2	91
13	Neuraxial Analgesia in Neonates and Infants. <i>Anesthesia and Analgesia</i> , 2012, 115, 638-662.	2.2	89
14	Analysis of 50 patients with atypical odontalgia. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1998, 85, 24-32.	1.4	88
15	Background. <i>Paediatric Anaesthesia</i> , 2008, 18, 1-3.	1.1	88
16	Pain in children: recent advances and ongoing challenges. <i>British Journal of Anaesthesia</i> , 2008, 101, 101-110.	3.4	84
17	Somatosensory function and pain in extremely preterm young adults from the UK EPICure cohort: sex-dependent differences and impact of neonatal surgery. <i>British Journal of Anaesthesia</i> , 2018, 121, 623-635.	3.4	84
18	Effects of Intrathecal Ketamine in the Neonatal Rat. <i>Anesthesiology</i> , 2010, 113, 147-159.	2.5	83

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19	Combination Spinal Analgesic Chemotherapy: A Systematic Review. <i>Anesthesia and Analgesia</i> , 2002, 95, 674-715.	2.2	82
20	Biological and Neurodevelopmental Implications of Neonatal Pain. <i>Clinics in Perinatology</i> , 2013, 40, 471-491.	2.1	82
21	Neuropathic pain in children. <i>Archives of Disease in Childhood</i> , 2014, 99, 84-89.	1.9	82
22	Morbidity and mortality after anaesthesia in early life: results of the European prospective multicentre observational study, neonate and children audit of anaesthesia practice in Europe (NECTARINE). <i>British Journal of Anaesthesia</i> , 2021, 126, 1157-1172.	3.4	81
23	Neonatal pain. <i>Paediatric Anaesthesia</i> , 2014, 24, 39-48.	1.1	79
24	Developmental Age Influences the Effect of Epidural Dexmedetomidine on Inflammatory Hyperalgesia in Rat Pups. <i>Anesthesiology</i> , 2005, 102, 1226-1234.	2.5	74
25	Postoperative pain. <i>Paediatric Anaesthesia</i> , 2008, 18, 36-63.	1.1	74
26	Persistent changes in peripheral and spinal nociceptive processing after early tissue injury. <i>Experimental Neurology</i> , 2016, 275, 253-260.	4.1	63
27	Priming of Adult Incision Response by Early-Life Injury: Neonatal Microglial Inhibition Has Persistent But Sexually Dimorphic Effects in Adult Rats. <i>Journal of Neuroscience</i> , 2019, 39, 3081-3093.	3.6	62
28	CREB contributes to the increased neurite outgrowth of sensory neurons induced by vasoactive intestinal polypeptide and activity-dependent neurotrophic factor. <i>Brain Research</i> , 2000, 868, 31-38.	2.2	59
29	Surgical Injury in the Neonatal Rat Alters the Adult Pattern of Descending Modulation from the Rostroventral Medulla. <i>Anesthesiology</i> , 2015, 122, 1391-1400.	2.5	56
30	Pain after surgery in children. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 570-576.	2.0	54
31	Difficult tracheal intubation in neonates and infants. NEonate and Children audit of Anaesthesia pRactice IN Europe (NECTARINE): a prospective European multicentre observational study. <i>British Journal of Anaesthesia</i> , 2021, 126, 1173-1181.	3.4	53
32	Anesthesia and the developing brain: a way forward for clinical research. <i>Paediatric Anaesthesia</i> , 2015, 25, 447-452.	1.1	46
33	Validation of a Preclinical Spinal Safety Model. <i>Anesthesiology</i> , 2010, 113, 183-199.	2.5	45
34	Primary and secondary hyperalgesia can be differentiated by postnatal age and ERK activation in the spinal dorsal horn of the rat pup. <i>Pain</i> , 2007, 128, 157-168.	4.2	44
35	Intrathecal Clonidine in the Neonatal Rat. <i>Anesthesia and Analgesia</i> , 2012, 115, 450-460.	2.2	44
36	Translational studies identify long-term impact of prior neonatal pain experience. <i>Pain</i> , 2017, 158, S29-S42.	4.2	41

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37	Activity-Dependent Modulation of Glutamatergic Signaling in the Developing Rat Dorsal Horn by Early Tissue Injury. <i>Journal of Neurophysiology</i> , 2009, 102, 2208-2219.	1.8	39
38	A postnatal switch in GABAergic control of spinal cutaneous reflexes. <i>European Journal of Neuroscience</i> , 2006, 23, 112-118.	2.6	33
39	Release of immunoreactive brain-derived neurotrophic factor in the spinal cord of the rat following sciatic nerve transection.. <i>Brain Research</i> , 2001, 899, 240-247.	2.2	32
40	Targeting p38 Mitogen-activated Protein Kinase to Reduce the Impact of Neonatal Microglial Priming on Incision-induced Hyperalgesia in the Adult Rat. <i>Anesthesiology</i> , 2015, 122, 1377-1390.	2.5	32
41	Early life pain effects in the adult. <i>Current Opinion in Physiology</i> , 2019, 11, 16-24.	1.8	27
42	Ketamine as an adjunct to caudal block in neonates and infants: is it time to re-evaluate?. <i>British Journal of Anaesthesia</i> , 2012, 109, 138-140.	3.4	25
43	Opioid analgesia and the somatosensory memory of neonatal surgical injury in the adult rat. <i>British Journal of Anaesthesia</i> , 2018, 121, 314-324.	3.4	24
44	Evaluation of Spinal Toxicity and Long-term Spinal Reflex Function after Intrathecal Levobupivacaine in the Neonatal Rat. <i>Anesthesiology</i> , 2013, 119, 142-155.	2.5	23
45	Conditioned pain modulation identifies altered sensitivity in extremely preterm young adult males and females. <i>British Journal of Anaesthesia</i> , 2018, 121, 636-646.	3.4	21
46	Editorial I: Acute pain management: scientific evidence revisited. <i>British Journal of Anaesthesia</i> , 2006, 96, 1-4.	3.4	20
47	Pain Assessment. <i>Paediatric Anaesthesia</i> , 2008, 18, 14-18.	1.1	20
48	A systematic review of outcomes reported in pediatric perioperative research: A report from the Pediatric Perioperative Outcomes Group. <i>Paediatric Anaesthesia</i> , 2020, 30, 1166-1182.	1.1	20
49	Characterization of spinal $\alpha$ -adrenergic modulation of nociceptive transmission and hyperalgesia throughout postnatal development in rats. <i>British Journal of Pharmacology</i> , 2007, 151, 1334-1342.	5.4	18
50	Pediatric perioperative outcomes group: Defining core outcomes for pediatric anesthesia and perioperative medicine. <i>Paediatric Anaesthesia</i> , 2018, 28, 314-315.	1.1	18
51	Pediatric Erythromelalgia and SCN9A Mutations: Systematic Review and Single-Center Case Series. <i>Journal of Pediatrics</i> , 2019, 206, 217-224.e9.	1.8	18
52	Neuropathic pain in children: Steps towards improved recognition and management. <i>EBioMedicine</i> , 2020, 62, 103124.	6.1	18
53	Reduction in hyperalgesia and intrathecal morphine requirements by low-dose ketamine infusion. <i>Journal of Pain and Symptom Management</i> , 1997, 14, 129-133.	1.2	17
54	Management of procedural pain in NICUs remains problematic. <i>Paediatric Anaesthesia</i> , 2005, 15, 909-912.	1.1	17

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55	The scientific evidence for acute pain treatment. <i>Current Opinion in Anaesthesiology</i> , 2010, 23, 623-628.	2.0	17
56	Phenotyping peripheral neuropathic pain in male and female adolescents: pain descriptors, somatosensory profiles, conditioned pain modulation, and childâ€‘parent reported disability. <i>Pain</i> , 2021, 162, 1732-1748.	4.2	16
57	Analgesia Review. <i>Paediatric Anaesthesia</i> , 2008, 18, 64-78.	1.1	14
58	Atypical changes in DRG neuron excitability and complex pain phenotype associated with a Nav1.7 mutation that massively hyperpolarizes activation. <i>Scientific Reports</i> , 2018, 8, 1811.	3.3	14
59	Differential Suppression of Spontaneous and Noxious-evoked Somatosensory Cortical Activity by Isoflurane in the Neonatal Rat. <i>Anesthesiology</i> , 2016, 124, 885-898.	2.5	14
60	Perioperative care of neonates with Down's syndrome: should it be different?. <i>British Journal of Anaesthesia</i> , 2012, 108, 177-179.	3.4	10
61	Acute Pain Management: Current Best Evidence Provides Guide for Improved Practice: Table 1. <i>Pain Medicine</i> , 2006, 7, 3-5.	1.9	9
62	Overview of neurodevelopment and pain research, possible treatment targets. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 213-228.	3.3	9
63	Infant pain traces. <i>Pain</i> , 2006, 125, 204-205.	4.2	8
64	Acute Pain Management in Pediatric Patients. <i>International Anesthesiology Clinics</i> , 1997, 35, 105-130.	0.8	7
65	Neonatal pain. <i>Pain Reviews</i> , 2002, 9, 69-79.	0.0	7
66	Pediatric perioperative outcomes: Protocol for a systematic literature review and identification of a core outcome set for infants, children, and young people requiring anesthesia and surgery. <i>Paediatric Anaesthesia</i> , 2020, 30, 392-400.	1.1	7
67	Perioperative critical events and morbidity associated with anesthesia in early life: Subgroup analysis of United Kingdom participation in the NEonate and Children audIT of Anaesthesia pRactice IN Europe (<sc>NECTARINE</sc>) prospective multicenter observational study. <i>Paediatric Anaesthesia</i> , 2022, 32, 801-814.	1.1	7
68	Medical Procedures. <i>Paediatric Anaesthesia</i> , 2008, 18, 19-35.	1.1	6
69	Are opioids pediatric anesthesiologists' sword of Damocles? With great power comes great responsibility and risk. <i>Paediatric Anaesthesia</i> , 2019, 29, 544-546.	1.1	6
70	Quick reference summary of recommendations and good practice points. <i>Paediatric Anaesthesia</i> , 2008, 18, 4-13.	1.1	5
71	The feasibility and acceptability of research magnetic resonance imaging in adolescents with moderateâ€‘severe neuropathic pain. <i>Pain Reports</i> , 2020, 5, e807.	2.7	5
72	The big research question: who decides?. <i>Paediatric Anaesthesia</i> , 2016, 26, 862-863.	1.1	4

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73	Quality metrics for emergency abdominal surgery in children: a systematic review. <i>British Journal of Anaesthesia</i> , 2022, 128, 522-534.	3.4	4
74	Chronic Pain: Management Strategies That Work. <i>Anesthesia and Analgesia</i> , 2001, , 15-25.	2.2	3
75	Developmental mechanisms of CPSP: Clinical observations and translational laboratory evaluations. <i>Canadian Journal of Pain</i> , 2022, 6, 49-60.	1.7	3
76	Evaluation of neurotoxicity and long-term function and behavior following intrathecal 1 % 2-chloroprocaine in juvenile rats. <i>NeuroToxicology</i> , 2022, 88, 155-167.	3.0	2
77	Sublethal Spinal Ketamine Produces Neuronal Apoptosis in Rat Pups. <i>Anesthesiology</i> , 2011, 114, 719-721.	2.5	1
78	Amygdalar Functional Connectivity Differences Associated With Reduced Pain Intensity in Pediatric Peripheral Neuropathic Pain. <i>Frontiers in Pain Research</i> , 0, 3, .	2.0	1
79	NSAIDs versus opioids for the treatment of renal colic. <i>Acute Pain</i> , 2007, 9, 91-92.	0.1	0
80	Neuraxial Analgesia in Neonates and Infants. <i>Survey of Anesthesiology</i> , 2013, 57, 83-84.	0.1	0
81	The Development of the Nociceptive System and Childhood Pain. , 2020, , 444-462.		0
82	Intravenous opioids for chemotherapyâ€induced severe mucositis pain in children: systematic review and singleâ€center case series of management with patientâ€or nurseâ€controlled analgesia (PCA/NCA). <i>Paediatric Anaesthesia</i> , 2022, 32, 17-34.	1.1	0
83	Signature for Pain Recovery IN Teens (SPRINT): protocol for a multisite prospective signature study in chronic musculoskeletal pain. <i>BMJ Open</i> , 2022, 12, e061548.	1.9	0