Supplementary

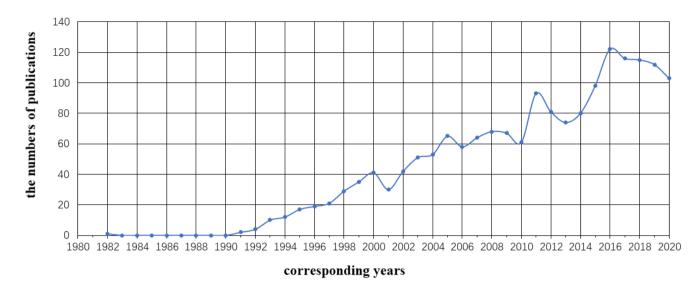




Table S1	Top 100	cited rep	oorts on POH
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Table S1 Top 100 cited reports on POH Title	FA	Journal	Year	TC	Туре
Central sensitization: Implications for the diagnosis and treatment of pain	Woolf CJ	Pain	2011	1,909	Review
Preemptive analgesia treating postoperative pain by preventing the establishment of central sensitization	Woolf CJ	Anesth Analg	1993	1,059	Review
Characterization of a rat model of incisional pain Acute opioid tolerance - Intraoperative remifentanil increases	Brennan TJ Guignard B	Pain Anesthesiology	1996 2000	747 556	Article Article
postoperative pain and morphine requirement Long-lasting hyperalgesia induced by fentanyl in rats - Preventive effect of ketamine	Celerier E	Anesthesiology	2000	374	Article
Remifentanil-induced postoperative hyperalgesia and its prevention with small-dose ketamine	Joly V	Anesthesiology	2005	371	Article
A-803467, a potent and selective Na(v)1.8 sodium channel blocker, attenuates neuropathic and inflammatory pain in the rat	Jarvis MF	P Natl Acad Sci USA	2007	351	Article
Mapping of punctuate hyperalgesia around a surgical incision demonstrates that ketamine is a powerful suppressor of central sensitization to pain following surgery	Stubhaug A	Acta Anaesth Scand	1997	351	Article
A-317491, a novel potent and selective nonnucleotide antagonist of P2X(3) and P2X(2/3) receptors, reduces chronic inflammatory and	Jarvis MF	P Natl Acad Sci USA	2002	345	Article
neuropathic pain in the rat Extra-territorial pain in rats with a peripheral mononeuropathy-	Tal M	Pain	1994	340	Article
mechano-hyperalgesia and mechano-allodynia the territory of an uninjured nerve	Mag		1004	007	Auticle
Thermal hyperalgesia in association with the development of morphine-tolerance in rats- roles of excitatory amino-acid receptors and protein-kinase-C	Mao J	J Neurosci	1994	337	Article
Opioid-induced hyperalgesia in humans - Molecular mechanisms and clinical considerations	Chu LF	Clin J Pain	2008	326	Review
Transcutaneous electrical nerve stimulation: Basic science mechanisms and clinical effectiveness	Sluka KA	J Pain	2003	325	Review
Ketamine as adjuvant analgesic to opioids: a quantitative and qualitative systematic review	Subramaniam K	-	2004	298 289	Review
Short-term infusion of the mu-opioid agonist remifentanil in humans causes hyperalgesia during withdrawal Altered expression and uptake activity of spinal glutamate	Angst MS Sung BK	Pain J Neurosci	2003	289	Article
transporters after nerve injury contribute to the pathogenesis of neuropathic pain in rats					
Excitatory monocyte chemoattractant protein-1 signaling is up- regulated in sensory neurons after chronic compression of the dorsal root ganglion	White FA	P Natl Acad Sci USA	2005	279	Article
Treatment of acute postoperative pain Opioid tolerance and hyperalgesia in chronic pain patients after one	Wu CL Chu LF	Lancet J Pain	2011 2006	275 262	Article Article
nonth of oral morphine therapy: a preliminary prospective study Perioperative oral pregabalin reduces chronic pain after total knee	Buvanendran A	Anesth Analg	2010	257	Article
arthroplasty: a prospective, randomized, controlled trial Effect of perioperative systemic alpha 2 agonists on postoperative	Blaudszun G	Anesthesiology	2012	245	Article
norphine consumption and pain intensity systematic review and neta-analysis of randomized controlled trials The value of preemptive analgesia in the treatment of postoperative	DAHL JB	Brit J Anaesth	1993	242	Review
Deletion of vanilloid receptor 1-expressing primary afferent neurons	Karai L	J Clin Invest	2004	241	Article
or pain control A randomized study of the effects of single-dose gabapentin versus	Dirks J	Anesthesiology	2002	240	Article
placebo on postoperative pain and morphine consumption after nastectomy	De Keek M	Dein	2001	000	Article
Balanced analgesia' in the perioperative period: is there a place for ketamine?	De Kock M Bichmond CE	Pain	2001	236	Article
Preoperative morphine preempts postoperative pain Chronic opioid use prior to total knee arthroplasty Opioid-induced hyperalgesia in patients after surgery: a systematic	Richmond CE Zywiel MG Eletcher D	Lancet J Bone Joint Surg Am Brit J Anaesth	1993 2011 2014	231 222 220	Article Article Beview
Dpioid-induced hyperalgesia in patients after surgery: a systematic eview and a meta-analysis Mechanical and thermal hyperalgesia and ectopic neuronal discharge	Fletcher D Song XJ	Brit J Anaesth J Neurophysiol	2014 1999	220 215	Review Article
Mechanical and thermal hyperalgesia and ectopic neuronal discharge after chronic compression of dorsal root ganglia Evaluation of gabapentin and S-(+)-3-isobutylgaba in a rat model of	Song XJ Field MJ	J Neurophysiol J Pharmacol Exp Ther	1999 1997	215 214	Article
Central neuroplasticity and pathological pain	Melzack R	Ann Ny Acad Sci	2001	213	Article
A-425619 [1-isoquinolin-5-yl-3-(4-trifluoromethyl-benzyl)-urea], a novel transient receptor potential type V1 receptor antagonist,	Honore P	J Pharmacol Exp Ther	2005	207	Article
elieves pathophysiological pain associated with inflammation and issue injury in rats The role of ketamine in preventing fentanyl-induced hyperalgesia and	Laulin . IP	Anesth Analg	2002	207	Article
Subsequent acute morphine tolerance Perioperative intravenous lidocaine has preventive effects on	Koppert W	Anesth Analg	2002	207	Article
postoperative pain and morphine consumption after major abdominal surgery		Ū.			
When does acute pain become chronic? ntraoperative epidural analgesia combined with ketamine provides	Voscopoulos C Lavand'homme	Brit J Anaesth Anesthesiology	2010 2005	196 195	Article Article
effective preventive analgesia in patients undergoing major digestive surgery Differential modulation of remifentanil-induced analgesia and	P Koppert W	Anesthesiology	2003	195	Article
Doostinfusion hyperalgesia by S-ketamine and clonidine in humans Mechanical and thermal allodynia in chronic central pain following	Christensen MD		1996	194	Article
spinal cord injury Preemptive effect of fentanyl and ketamine on postoperative pain	Tverskoy M	Anesth Analg	1994	194	Article
and wound hyperalgesia ntraarticular morphine, bupivacaine, and morphine bupivacaine for	Khoury GF	Anesthesiology	1992	188	Article
pain control after knee videoarthroscopy Efficacy and kinetics of carprofen, administered preoperatively or postoperatively, for the prevention of pain in dogs undergoing	Lascelles BDX	Vet Surg	1998	171	Article
ovariohysterectomy Analgesic effects of gabapentin after spinal surgery	Turan A	Anesthesiology	2004	161	Article
Peripheral and central hyperexcitability: Differential signs and symptoms in persistent pain	Coderre TJ	Behav Brain Sci	1997	161	Review
Opioid-sparing effects of a low-dose infusion of naloxone in patient- administered morphine sulfate	Gan TJ	Anesthesiology	1997	159	Article
Fixed-diameter polyethylene cuffs applied to the rat sciatic nerve nduce a painful neuropathy: ultrastructural morphometric analysis of axonal alterations	Mosconi T	Pain	1996	157	Article
Tolerance and withdrawal from prolonged opioid use in critically III children	Anand KJS	Pediatrics	2010	156	Review
Possible chemical contribution from chromic gut sutures produces disorders of pain sensation like those seen in man	MAVES TJ	Pain	1993	156	Article
Preemptive analgesia I: physiological pathways and pharmacological modalities A new model of electrically evoked pain and hyperalgesia in human	Kelly DJ Koppert W	Can J Anaesth Anesthesiology	2001 2001	155 153	Review Article
skin - The effects of intravenous alfentanil, S(+)-ketamine, and lidocaine	Roppert W	Anestnesiology	2001	155	Article
Does neonatal surgery lead to increased pain sensitivity in later childhood?	Peters JWB	Pain	2005	152	Article
The neuronal 5-HT3 receptor network after 20 years of research - Evolving concepts in management of pain and inflammation	Faerber L	Eur J Pharmacol	2007	149	Review
Adenosine triphosphate - Established and potential clinical applications Morphine paradoxically prolongs neuropathic pain in rats by	Agteresch HJ Grace PM	Drugs P Natl Acad Sci USA	1999 2016	149 148	Review Article
amplifying spinal NLRP3 inflammasome activation The effects of postoperative pain management on immune response	Beilin B	Anesth Analg	2003	147	Article
to surgery Ketamine, an NMDA receptor antagonist, suppresses spatial and	Warncke T	Pain			
emporal properties of burn-induced secondary hyperalgesia in man:			1997	145	Article
	Menigaux C	Anesth Anala			
The benefits of intraoperative small-dose ketamine on postoperative pain after anterior cruciate ligament repair	Menigaux C Benedetti F	Anesth Analg Pain	1997 2000 1997	145 141 141	Article Article Article
The benefits of intraoperative small-dose ketamine on postoperative pain after anterior cruciate ligament repair Blockade of nocebo hyperalgesia by the cholecystokinin antagonist proglumide	Ū	Ū.	2000	141	Article Article
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POH, postoperative hyperalgesia, FA, first author, TC, total citations.

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