

# Per-Arne LÃ¶nnqvist

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

4,156  
citations

94269

37  
h-index

123241

61  
g-index

112  
all docs

112  
docs citations

112  
times ranked

1753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Output Assessments in Anesthetized Children: Dynamic Capnography Versus Esophageal Doppler. <i>Anesthesia and Analgesia</i> , 2022, 134, 644-652.	1.1	7
2	Non-invasive capnodynamic mixed venous oxygen saturation during major changes in oxygen delivery. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1315-1324.	0.7	5
3	Blood pressure and flow in pediatric anesthesia: An educational review. <i>Paediatric Anaesthesia</i> , 2022, 32, 10-16.	0.6	12
4	Capnodynamics – Measuring cardiac output via ventilation. <i>Paediatric Anaesthesia</i> , 2022, 32, 255-261.	0.6	7
5	Comment regarding the recent Editorial by Vutskits and Skowno. <i>Paediatric Anaesthesia</i> , 2022, 32, 687-687.	0.6	0
6	Role of information and preparation for improvement of pediatric perioperative care. <i>Paediatric Anaesthesia</i> , 2022, 32, 600-608.	0.6	8
7	Daring discourse: should the ESP block be renamed RIP II block?. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 57-60.	1.1	42
8	Primary spread of caudal blockade in children: the possible limiting role of the lumbar spinal cord enlargement (tumenescence) in combination with the cerebrospinal fluid rebound mechanism. <i>Paediatric Anaesthesia</i> , 2021, 31, 650-654.	0.6	1
9	Acute pulmonary hypertension and short-term outcomes in severe Covid-19 patients needing intensive care. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 761-769.	0.7	30
10	Rapid systemic uptake of naloxone after intranasal administration in children. <i>Paediatric Anaesthesia</i> , 2021, 31, 631-636.	0.6	4
11	Efficacy and pharmacokinetics of erector spinae plane block in children. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, rapm-2020-102354.	1.1	1
12	A Continuous Noninvasive Method to Assess Mixed Venous Oxygen Saturation: A Proof-of-Concept Study in Pigs. <i>Anesthesia and Analgesia</i> , 2021, 132, 1768-1776.	1.1	9
13	Accumulating marginal gains. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 459-459.	1.1	1
14	Response to comments by Dr Forero to our daring discourse. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 837-838.	1.1	0
15	Response to Dr Howle and colleagues. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 929-930.	1.1	0
16	Low Plasma Sodium Concentration Predicts Perforated Acute Appendicitis in Children: A Prospective Diagnostic Accuracy Study. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 350-356.	0.7	23
17	Response to comments on our Editorial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 277-277.	0.7	0
18	Cerebral blood flow alterations associated with high volume caudal block in infants. <i>British Journal of Anaesthesia</i> , 2020, 125, 1064-1069.	1.5	4

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19	Determination of adequate positive end-tidal expiratory pressure level required for carbon dioxide homeostasis in an animal model of infant laparoscopy. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1114-1119.	0.7	3
20	Asleep or awake: is paediatric regional anaesthesia without general anaesthesia possible?. <i>British Journal of Anaesthesia</i> , 2020, 125, 115-117.	1.5	3
21	End-tidal expiratory lung volume assessment using helium and carbon dioxide in an experimental model of pediatric capnoperitoneum. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1106-1113.	0.7	4
22	Does prolonged propofol sedation of mechanically ventilated COVID-19 patients contribute to critical illness myopathy?. <i>British Journal of Anaesthesia</i> , 2020, 125, e334-e336.	1.5	20
23	What has happened since the First World Congress on Pediatric Pain in 1988? The past, the present and the future. <i>Minerva Anestesiologica</i> , 2020, 86, 1205-1213.	0.6	5
24	Close to the nerve vs interfascial plane blocks: Sniper rifle vs shotgun – which will hit the target most reliably?. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 1126-1128.	0.7	17
25	Caudal epidural blocks in paediatric patients: a review and practical considerations. <i>British Journal of Anaesthesia</i> , 2019, 122, 509-517.	1.5	111
26	Sodium and water homeostasis in children admitted with acute appendicitis: a prospective study. <i>Pediatric Research</i> , 2019, 86, 5-8.	1.1	3
27	Impact of Anesthetics, Analgesics, and Perioperative Blood Transfusion in Pediatric Cancer Patients. <i>Anesthesia and Analgesia</i> , 2019, 129, 1653-1665.	1.1	16
28	Capnodynamic determination of cardiac output in hypoxia-induced pulmonary hypertension in pigs. <i>British Journal of Anaesthesia</i> , 2019, 122, 335-341.	1.5	8
29	A different perspective. <i>Current Opinion in Anaesthesiology</i> , 2018, 31, 308-312.	0.9	3
30	Validation of capnodynamic determination of cardiac output by measuring effective pulmonary blood flow: a study in anaesthetised children and piglets. <i>British Journal of Anaesthesia</i> , 2018, 121, 550-558.	1.5	19
31	Postoperative pain management in children: Guidance from the pain committee of the European Society for Paediatric Anaesthesiology (<sc>ESPA</sc> Pain Management Ladder Initiative). <i>Paediatric Anaesthesia</i> , 2018, 28, 493-506.	0.6	87
32	The potential implications of using disability-free survival and number needed to suffer as outcome measures for neonatal intensive care. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 200-202.	0.7	6
33	Number needed to suffer: replying to comments on my paper. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 204-205.	0.7	3
34	A healthy measure of monitoring fundamentals!. <i>Paediatric Anaesthesia</i> , 2018, 28, 580-587.	0.6	6
35	Plasma concentrations of alpha-1-acid glycoprotein in preterm and term newborns: influence of mode of delivery and implications for plasma protein binding of local anaesthetics. <i>British Journal of Anaesthesia</i> , 2018, 121, 427-431.	1.5	16
36	Interactive web-based format vs conventional brochure material for information transfer to children and parents: a randomized controlled trial regarding preoperative information. <i>Paediatric Anaesthesia</i> , 2017, 27, 657-664.	0.6	17

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37	In Memoriam Professor Riku Aantaa: 1959–2016. <i>Paediatric Anaesthesia</i> , 2017, 27, 444-445.	0.6	0
38	Volumes of the spinal canal and caudal space in children zero to three years of age assessed by magnetic resonance imaging: implications for volume dosage of caudal blockade. <i>British Journal of Anaesthesia</i> , 2017, 119, 972-978.	1.5	15
39	The European society of regional anesthesia and pain therapy and the American society of regional anesthesia and pain medicine joint committee practice advisory on controversial topics in pediatric regional anesthesia I and II. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 613-620.	0.9	46
40	Ultrasound-guided parasternal Pecs block: a new and useful supplement to Pecs I and serratus anterior plane blocks. <i>Anaesthesia Cases</i> , 2016, 4, 29-32.	0.0	2
41	Alpha-2 adrenoceptor agonists as adjuncts to peripheral nerve blocks in children: a meta-analysis. <i>Paediatric Anaesthesia</i> , 2016, 26, 232-238.	0.6	39
42	Adjunct analgesic drugs to local anaesthetics for neuroaxial blocks in children. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 626-631.	0.9	20
43	Capnodynamic assessment of effective lung volume during cardiac output manipulations in a porcine model. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 761-769.	0.7	16
44	Adjuncts should always be used in pediatric regional anesthesia. <i>Paediatric Anaesthesia</i> , 2015, 25, 100-106.	0.6	26
45	Plasma concentrations of levobupivacaine associated with two different intermittent wound infusion regimens following surgical ductus ligation in preterm infants. <i>Paediatric Anaesthesia</i> , 2015, 25, 711-718.	0.6	16
46	Incidence of bradycardia at arrival to the operating room after oral or intravenous premedication with clonidine in children. <i>Paediatric Anaesthesia</i> , 2015, 25, 956-962.	0.6	5
47	Dexmedetomidine as adjunct to ilioinguinal/iliohypogastric nerve blocks for pediatric inguinal hernia repair: an exploratory randomized controlled trial. <i>Paediatric Anaesthesia</i> , 2015, 25, 897-905.	0.6	46
48	Reply to Dr. Haydar regarding his comment: caudal clonidine and apnea risk. <i>Paediatric Anaesthesia</i> , 2015, 25, 538-538.	0.6	2
49	Bradycardia in perspective – not all reductions in heart rate need immediate intervention. <i>Paediatric Anaesthesia</i> , 2015, 25, 44-51.	0.6	30
50	Anatomical dissections are not obsolete. <i>European Journal of Anaesthesiology</i> , 2014, 31, 303-304.	0.7	1
51	Reduction of cerebral mean blood flow velocity and oxygenation after high-volume (1.5 ml kg <sup>-1</sup> ) caudal block in infants. <i>British Journal of Anaesthesia</i> , 2014, 113, 688-694.	1.5	21
52	Comparison of Static End-expiratory and Effective Lung Volumes for Gas Exchange in Healthy and Surfactant-depleted Lungs. <i>Anesthesiology</i> , 2013, 119, 101-110.	1.3	29
53	Secondary spread of caudal block as assessed by ultrasonography. <i>British Journal of Anaesthesia</i> , 2012, 108, 675-681.	1.5	45
54	Toxicity of local anesthetic drugs: a pediatric perspective. <i>Paediatric Anaesthesia</i> , 2012, 22, 39-43.	0.6	47

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55	Themed issue "Pediatric Regional Anesthesia" starting 2012 with a bang!. Paediatric Anaesthesia, 2012, 22, 1-2.	0.6	68
56	Alpha-2 adrenoceptor agonists as adjuncts to Peripheral Nerve Blocks in Children "is there a mechanism of action and should we use them?. Paediatric Anaesthesia, 2012, 22, 421-424.	0.6	23
57	Onset time for pharmacologic premedication with clonidine as a nasal aerosol: a double-blind, placebo-controlled, randomized trial. Paediatric Anaesthesia, 2012, 22, 877-883.	0.6	12
58	Ultrasound-guided infrapatellar nerve block for anterior cruciate ligament repair: a prospective, randomised, double-blind, placebo-controlled clinical trial. European Journal of Anaesthesiology, 2011, 28, 511-518.	0.7	33
59	Segmental distribution of high-volume caudal anesthesia in neonates, infants, and toddlers as assessed by ultrasonography. Paediatric Anaesthesia, 2011, 21, 121-127.	0.6	47
60	The potential future or just a way of trespassing the safety limits of pediatric regional anesthesia?. Paediatric Anaesthesia, 2011, 21, 95-97.	0.6	9
61	Bilateral thoracic paravertebral block: potential and practice. British Journal of Anaesthesia, 2011, 106, 164-171.	1.5	169
62	Ultrasound assessment of cranial spread during caudal blockade in children: the effect of different volumes of local anaesthetics. British Journal of Anaesthesia, 2011, 107, 229-235.	1.5	43
63	Blocks for pain management in children undergoing ambulatory surgery. Current Opinion in Anaesthesiology, 2011, 24, 627-632.	0.9	15
64	Is ultrasound guidance mandatory when performing paediatric regional anaesthesia?. Current Opinion in Anaesthesiology, 2010, 23, 337-341.	0.9	38
65	Regional anaesthesia and analgesia in the neonate. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2010, 24, 309-321.	1.7	34
66	Consent issues and pediatric regional anesthesia. Paediatric Anaesthesia, 2009, 19, 958-960.	0.6	14
67	The place of premedication in pediatric practice. Paediatric Anaesthesia, 2009, 19, 817-828.	0.6	111
68	Ultrasound Versus Landmark-Based Technique for Ilioinguinal-Iliohypogastric Nerve Blockade in Children: The Implications on Plasma Levels of Ropivacaine. Anesthesia and Analgesia, 2009, 108, 1488-1492.	1.1	87
69	Author's reply. Paediatric Anaesthesia, 2008, 18, 271-271.	0.6	3
70	Single injection paravertebral block for renal surgery in children. Paediatric Anaesthesia, 2008, 18, 593-597.	0.6	37
71	Authors' reply. Paediatric Anaesthesia, 2007, 17, 401-401.	0.6	1
72	Paediatric day-case anaesthesia and pain control. Current Opinion in Anaesthesiology, 2006, 19, 617-621.	0.9	40

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73	A comparison of nerve stimulator guided paravertebral block and ilio-inguinal nerve block for analgesia after inguinal herniorrhaphy in children. <i>Anaesthesia</i> , 2006, 61, 1064-1068.	1.8	40
74	Caudal anesthesia for minor pediatric surgery: a prospective randomized comparison of ropivacaine 0.2% vs levobupivacaine 0.2%. <i>Paediatric Anaesthesia</i> , 2005, 15, 491-494.	0.6	48
75	Midazolam as premedication: Is the emperor naked or just half-dressed?. <i>Paediatric Anaesthesia</i> , 2005, 15, 263-265.	0.6	51
76	Distance between the skin and the thoracic paravertebral space. <i>Anaesthesia</i> , 2005, 60, 680-684.	1.8	40
77	Adjuncts to caudal block in children—Quo vadis?. <i>British Journal of Anaesthesia</i> , 2005, 95, 431-433.	1.5	61
78	Clonidine vs. midazolam as premedication in children undergoing adeno-tonsillectomy: A prospective, randomized, controlled clinical trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 1292-1300.	0.7	108
79	Major abdominal surgery of the neonate: anaesthetic considerations. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2004, 18, 321-342.	1.7	8
80	20 Sevoflurane Effect on Cerebral Haemodynamics During Induction of Anesthesia in Young Children Assessed By Near Infrared Spectroscopy. Preliminary Results. <i>Pediatric Research</i> , 2004, 56, 467-467.	1.1	1
81	A Comparison of Three Different Concentrations of Levobupivacaine for Caudal Block in Children. <i>Anesthesia and Analgesia</i> , 2003, 97, 368-371.	1.1	65
82	What's new in pediatric paravertebral analgesia. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2002, 6, 131-135.	0.2	11
83	Comparison of racemic bupivacaine, ropivacaine, and levo-bupivacaine for pediatric caudal anesthesia: Effects on postoperative analgesia and motor block†. <i>Regional Anesthesia and Pain Medicine</i> , 2002, 27, 157-161.	1.1	83
84	Spinal versus peripheral effects of adjunct clonidine: comparison of the analgesic effect of a ropivacaine-clonidine mixture when administered as a caudal or ilioinguinal-iliohypogastric nerve blockade for inguinal surgery in children. <i>Paediatric Anaesthesia</i> , 2002, 12, 680-684.	0.6	47
85	Use of caudal-epidural opioids in children: still state of the art or the beginning of the end?. <i>Paediatric Anaesthesia</i> , 2002, 12, 747-749.	0.6	53
86	Postoperative nausea and vomiting in paediatric ambulatory surgery: sevoflurane versus spinal anaesthesia with propofol sedation. <i>Paediatric Anaesthesia</i> , 2001, 11, 337-342.	0.6	21
87	The Dose-Response Relationship for Clonidine Added to a Postoperative Continuous Epidural Infusion of Ropivacaine in Children. <i>Anesthesia and Analgesia</i> , 2001, 93, 71-76.	1.1	76
88	Somatic paravertebral nerve blockade Incidence of failed block and complications. <i>Anaesthesia</i> , 2001, 56, 1181-1201.	1.8	275
89	Age-dependent variations in white adipose tissue glycerol and lactate production after surgery measured by microdialysis in neonates and children. <i>Paediatric Anaesthesia</i> , 2000, 10, 283-289.	0.6	10
90	Ropivacaine-clonidine combination for caudal blockade in children. <i>Acta Anaesthesiologica Scandinavica</i> , 2000, 44, 446-449.	0.7	101

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91	Ropivacaine pharmacokinetics after caudal block in 1-8 year old children. British Journal of Anaesthesia, 2000, 85, 506-511.	1.5	85
92	Exhaled Nitric Oxide Increases During High Frequency Oscillatory Ventilation in Rabbits. Experimental Physiology, 1999, 84, 959-969.	0.9	9
93	Exhaled Nitric Oxide Increases During High Frequency Oscillatory Ventilation in Rabbits. , 1999, 84, 959.		6
94	Plasma levels of clonidine following epidural bolus injection in children. Acta Anaesthesiologica Scandinavica, 1998, 42, 306-311.	0.7	53
95	Ropivacaine for central blocks in children. Anaesthesia, 1998, 53, 74-76.	1.8	16
96	Difficult Tracheal Intubation in Patients with Retinoblastoma Caused by 13q Deficiency. Japanese Journal of Clinical Oncology, 1998, 28, 507-510.	0.6	6
97	Thoracic paravertebral block. British Journal of Anaesthesia, 1998, 81, 230-238.	1.5	245
98	Plasma Concentrations of Bupivacaine in Neonates After Continuous Epidural Infusion. Anesthesia and Analgesia, 1997, 84, 501-505.	1.1	85
99	Successful Use of Laryngeal Mask Airway in Low-Weight Expreature Infants with Bronchopulmonary Dysplasia Undergoing Cryotherapy for Retinopathy of the Premature. Anesthesiology, 1995, 83, 422-424..	1.3	26
100	Paravertebral blockade.. Anaesthesia, 1995, 50, 813-815.	1.8	378
101	Plasma concentrations of bupivacaine in young infants after continuous epidural infusion. Paediatric Anaesthesia, 1994, 4, 159-162.	0.6	23
102	Paravertebral vs epidural block in children. Effects on postoperative morphine requirement after renal surgery. Acta Anaesthesiologica Scandinavica, 1994, 38, 346-349.	0.7	66
103	Pharmacokinetics of Clonidine after Rectal Administration in Children. Anesthesiology, 1994, 81, 1097-1101.	1.3	61
104	Inhaled nitric oxide in neonates and children with pulmonary hypertension. Acta Paediatrica, International Journal of Paediatrics, 1994, 83, 1132-1136.	0.7	33
105	Radiological and clinical distribution of thoracic paravertebral blockade in infants and children. Paediatric Anaesthesia, 1993, 3, 83-87.	0.6	41
106	Pharmacokinetics and haemodynamic response after an intravenous bolus injection of clonidine in children. Paediatric Anaesthesia, 1993, 3, 359-364.	0.6	28
107	Plasma concentrations of lignocaine after thoracic paravertebral blockade in infants and children. Anaesthesia, 1993, 48, 958-960.	1.8	17
108	Continuous paravertebral block in children.. Anaesthesia, 1992, 47, 607-609.	1.8	81

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109	The caudal boundary of the thoracic paravertebral space.. Anaesthesia, 1992, 47, 1051-1052.	1.8	83
110	Persistent left superior vena cava " an unusual location of central venous catheters in children. Intensive Care Medicine, 1991, 17, 497-500.	3.9	24