List of Publications by Year in descending order

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		94433	123424
110	4,156	37	61
papers	citations	h-index	g-index
		110	1750
112	112	112	1/53
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Cardiac Output Assessments in Anesthetized Children: Dynamic Capnography Versus Esophageal Doppler. Anesthesia and Analgesia, 2022, 134, 644-652.	2.2	7
2	Non-invasive capnodynamic mixed venous oxygen saturation during major changes in oxygen delivery. Journal of Clinical Monitoring and Computing, 2022, 36, 1315-1324.	1.6	5
3	Blood pressure and flow in pediatric anesthesia: An educational review. Paediatric Anaesthesia, 2022, 32, 10-16.	1.1	12
4	Capnodynamics—Measuring cardiac output via ventilation. Paediatric Anaesthesia, 2022, 32, 255-261.	1.1	7
5	Comment regarding the recent Editorial by Vutskits and Skowno. Paediatric Anaesthesia, 2022, 32, 687-687.	1.1	Ο
6	Role of information and preparation for improvement of pediatric perioperative care. Paediatric Anaesthesia, 2022, 32, 600-608.	1.1	8
7	Daring discourse: should the ESP block be renamed RIP II block?. Regional Anesthesia and Pain Medicine, 2021, 46, 57-60.	2.3	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. Paediatric Anaesthesia, 2021, 31, 650-654.	1.1	1
9	Acute pulmonary hypertension and shortâ€term outcomes in severe Covidâ€19 patients needing intensive care. Acta Anaesthesiologica Scandinavica, 2021, 65, 761-769.	1.6	30
10	Rapid systemic uptake of naloxone after intranasal administration in children. Paediatric Anaesthesia, 2021, 31, 631-636.	1.1	4
11	Efficacy and pharmacokinetics of erector spinae plane block in children. Regional Anesthesia and Pain Medicine, 2021, 46, rapm-2020-102354.	2.3	1
12	A Continuous Noninvasive Method to Assess Mixed Venous Oxygen Saturation: A Proof-of-Concept Study in Pigs. Anesthesia and Analgesia, 2021, 132, 1768-1776.	2.2	9
13	Accumulating marginal gains. Regional Anesthesia and Pain Medicine, 2021, 46, 459-459.	2.3	1
14	Response to comments by Dr Forero to our daring discourse. Regional Anesthesia and Pain Medicine, 2021, 46, 837-838.	2.3	0
15	Response to Dr Howle and collegues. Regional Anesthesia and Pain Medicine, 2021, 46, 929-930.	2.3	0
16	Low Plasma Sodium Concentration Predicts Perforated Acute Appendicitis in Children: A Prospective Diagnostic Accuracy Study. European Journal of Pediatric Surgery, 2020, 30, 350-356.	1.3	23
17	Response to comments on our Editorial. Acta Anaesthesiologica Scandinavica, 2020, 64, 277-277.	1.6	0
18	Cerebral blood flow alterations associated with high volume caudal block in infants. British Journal of Anaesthesia, 2020, 125, 1064-1069.	3.4	4

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19	Determination of adequate positive endâ€expiratory pressure level required for carbon dioxide homeostasis in an animal model of infant laparoscopy. Acta Anaesthesiologica Scandinavica, 2020, 64, 1114-1119.	1.6	3
20	Asleep or awake: is paediatric regional anaesthesia without general anaesthesia possible?. British Journal of Anaesthesia, 2020, 125, 115-117.	3.4	3
21	Endâ€expiratory lung volume assessment using helium and carbon dioxide in an experimental model of pediatric capnoperitoneum. Acta Anaesthesiologica Scandinavica, 2020, 64, 1106-1113.	1.6	4
22	Does prolonged propofol sedation of mechanically ventilated COVID-19 patients contribute to critical illness myopathy?. British Journal of Anaesthesia, 2020, 125, e334-e336.	3.4	20
23	What has happened since the First World Congress on Pediatric Pain in 1988? The past, the present and the future. Minerva Anestesiologica, 2020, 86, 1205-1213.	1.0	5
24	Closeâ€toâ€theâ€nerve vs interfascial plane blocks: Sniper rifle vs shotgun—which will hit the target most reliably?. Acta Anaesthesiologica Scandinavica, 2019, 63, 1126-1128.	1.6	17
25	Caudal epidural blocks in paediatric patients: a review and practical considerations. British Journal of Anaesthesia, 2019, 122, 509-517.	3.4	111
26	Sodium and water homeostasis in children admitted with acute appendicitis: a prospective study. Pediatric Research, 2019, 86, 5-8.	2.3	3
27	Impact of Anesthetics, Analgesics, and Perioperative Blood Transfusion in Pediatric Cancer Patients. Anesthesia and Analgesia, 2019, 129, 1653-1665.	2.2	16
28	Capnodynamic determination of cardiac output in hypoxia-induced pulmonary hypertension in pigs. British Journal of Anaesthesia, 2019, 122, 335-341.	3.4	8
29	A different perspective. Current Opinion in Anaesthesiology, 2018, 31, 308-312.	2.0	3
30	Validation of capnodynamic determination of cardiac output by measuring effective pulmonary blood flow: a study in anaesthetised children and piglets. British Journal of Anaesthesia, 2018, 121, 550-558.	3.4	19
31	Postoperative pain management in children: Guidance from the pain committee of the European Society for Paediatric Anaesthesiology (<scp>ESPA</scp> Pain Management Ladder Initiative). Paediatric Anaesthesia, 2018, 28, 493-506.	1.1	87
32	The potential implications of using disabilityâ€free survival and number needed to suffer as outcome measures for neonatal intensive care. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 200-202.	1.5	6
33	Number needed to suffer: replying to comments on my paper. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 204-205.	1.5	3
34	A healthy measure of monitoring fundamentals!. Paediatric Anaesthesia, 2018, 28, 580-587.	1.1	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. British Journal of Anaesthesia, 2018, 121, 427-431.	3.4	16
36	Interactive webâ€based format vs conventional brochure material for information transfer to children and parents: a randomized controlled trial regarding preoperative information. Paediatric Anaesthesia, 2017, 27, 657-664.	1.1	17

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37	In Memoriam Professor Riku Aantaa: 1959–2016. Paediatric Anaesthesia, 2017, 27, 444-445.	1.1	Ο
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. British Journal of Anaesthesia, 2017, 119, 972-978.	3.4	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. Current Opinion in Anaesthesiology, 2017, 30, 613-620.	2.0	46
40	Ultrasoundâ€guided parasternal Pecs block: a new and useful supplement to Pecs I and serratus anterior plane blocks. Anaesthesia Cases, 2016, 4, 29-32.	0.0	2
41	Alphaâ€⊋ adrenoceptor agonists as adjuncts to peripheral nerve blocks in children: a metaâ€analysis. Paediatric Anaesthesia, 2016, 26, 232-238.	1.1	39
42	Adjunct analgesic drugs to local anaesthetics for neuroaxial blocks in children. Current Opinion in Anaesthesiology, 2016, 29, 626-631.	2.0	20
43	Capnodynamic assessment of effective lung volume during cardiac output manipulations in a porcine model. Journal of Clinical Monitoring and Computing, 2016, 30, 761-769.	1.6	16
44	Adjuncts should always be used in pediatric regional anesthesia. Paediatric Anaesthesia, 2015, 25, 100-106.	1.1	26
45	Plasma concentrations of levobupivacaine associated with two different intermittent wound infusion regimens following surgical ductus ligation in preterm infants. Paediatric Anaesthesia, 2015, 25, 711-718.	1.1	16
46	Incidence of bradycardia at arrival to the operating room after oral or intravenous premedication with clonidine in children. Paediatric Anaesthesia, 2015, 25, 956-962.	1.1	5
47	Dexmedetomidine as adjunct to ilioinguinal/iliohypogastric nerve blocks for pediatric inguinal hernia repair: an exploratory randomized controlled trial. Paediatric Anaesthesia, 2015, 25, 897-905.	1.1	46
48	Reply to Dr. Haydar regarding his comment: caudal clonidine and apnea risk. Paediatric Anaesthesia, 2015, 25, 538-538.	1.1	2
49	Bradycardia in perspective—not all reductions in heart rate need immediate intervention. Paediatric Anaesthesia, 2015, 25, 44-51.	1.1	30
50	Anatomical dissections are not obsolete. European Journal of Anaesthesiology, 2014, 31, 303-304.	1.7	1
51	Reduction of cerebral mean blood flow velocity and oxygenation after high-volume (1.5 ml kgâ^1) caudal block in infants. British Journal of Anaesthesia, 2014, 113, 688-694.	3.4	21
52	Comparison of Static End-expiratory and Effective Lung Volumes for Gas Exchange in Healthy and Surfactant-depleted Lungs. Anesthesiology, 2013, 119, 101-110.	2.5	29
53	Secondary spread of caudal block as assessed by ultrasonography. British Journal of Anaesthesia, 2012, 108, 675-681.	3.4	45
54	Toxicity of local anesthetic drugs: a pediatric perspective. Paediatric Anaesthesia, 2012, 22, 39-43.	1.1	47

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55	Themed issue â€~Pediatric Regional Anesthesia'– starting 2012 with a bang!. Paediatric Anaesthesia, 2012, 22, 1-2.	1.1	68
56	Alphaâ€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.	1.1	23
57	Onset time for pharmacologic premedication with clonidine as a nasal aerosol: a doubleâ€blind, placeboâ€controlled, randomized trial. Paediatric Anaesthesia, 2012, 22, 877-883.	1.1	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.	1.7	33
59	Segmental distribution of highâ€volume caudal anesthesia in neonates, infants, and toddlers as assessed by ultrasonography. Paediatric Anaesthesia, 2011, 21, 121-127.	1.1	47
60	The potential future or just a way of trespassing the safety limits of pediatric regional anesthesia?. Paediatric Anaesthesia, 2011, 21, 95-97.	1.1	9
61	Bilateral thoracic paravertebral block: potential and practice. British Journal of Anaesthesia, 2011, 106, 164-171.	3.4	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.	3.4	43
63	Blocks for pain management in children undergoing ambulatory surgery. Current Opinion in Anaesthesiology, 2011, 24, 627-632.	2.0	15
64	Is ultrasound guidance mandatory when performing paediatric regional anaesthesia?. Current Opinion in Anaesthesiology, 2010, 23, 337-341.	2.0	38
65	Regional anaesthesia and analgesia in the neonate. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2010, 24, 309-321.	4.0	34
66	Consent issues and pediatric regional anesthesia. Paediatric Anaesthesia, 2009, 19, 958-960.	1.1	14
67	The place of premedication in pediatric practice. Paediatric Anaesthesia, 2009, 19, 817-828.	1.1	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.	2.2	87
69	Author's reply. Paediatric Anaesthesia, 2008, 18, 271-271.	1.1	3
70	Single injection paravertebral block for renal surgery in children. Paediatric Anaesthesia, 2008, 18, 593-597.	1.1	37
71	Authors? reply. Paediatric Anaesthesia, 2007, 17, 401-401.	1.1	1
72	Paediatric day-case anaesthesia and pain control. Current Opinion in Anaesthesiology, 2006, 19, 617-621.	2.0	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. Anaesthesia, 2006, 61, 1064-1068.	3.8	40
74	Caudal anesthesia for minor pediatric surgery: a prospective randomized comparison of ropivacaine 0.2%. Paediatric Anaesthesia, 2005, 15, 491-494.	1.1	48
75	Midazolam as premedication: Is the emperor naked or just half-dressed?. Paediatric Anaesthesia, 2005, 15, 263-265.	1.1	51
76	Distance between the skin and the thoracic paravertebral space. Anaesthesia, 2005, 60, 680-684.	3.8	40
77	Adjuncts to caudal block in children—Quo vadis?. British Journal of Anaesthesia, 2005, 95, 431-433.	3.4	61
78	Clonidine vs. midazolam as premedication in children undergoing adeno-tonsillectomy: A prospective, randomized, controlled clinical trial. Acta Anaesthesiologica Scandinavica, 2004, 48, 1292-1300.	1.6	108
79	Major abdominal surgery of the neonate: anaesthetic considerations. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2004, 18, 321-342.	4.0	8
80	20 Sevoflurane Effect on Cerebral Haemodynamics During Induction of Anesthesia in Young Children Assessed By Near Infrared Spectroscopy. Preliminary Results. Pediatric Research, 2004, 56, 467-467.	2.3	1
81	A Comparison of Three Different Concentrations of Levobupivacaine for Caudal Block in Children. Anesthesia and Analgesia, 2003, 97, 368-371.	2.2	65
82	What's new in pediatric paravertebral analgesia. Techniques in Regional Anesthesia and Pain Management, 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 blockâ~†. Regional Anesthesia and Pain Medicine, 2002, 27, 157-161.	2.3	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. Paediatric Anaesthesia, 2002, 12, 680-684.	1.1	47
85	Use of caudal-epidural opioids in children: still state of the art or the beginning of the end?. Paediatric Anaesthesia, 2002, 12, 747-749.	1.1	53
86	Postoperative nausea and vomiting in paediatric ambulatory surgery: sevoflurane versus spinal anaesthesia with propofol sedation. Paediatric Anaesthesia, 2001, 11, 337-342.	1.1	21
87	The Dose-Response Relationship for Clonidine Added to a Postoperative Continuous Epidural Infusion of Ropivacaine in Children. Anesthesia and Analgesia, 2001, 93, 71-76.	2.2	76
88	Somatic paravertebral nerve blockade Incidence of failed block and complications. Anaesthesia, 2001, 56, 1181-1201.	3.8	275
89	Age-dependent variations in white adipose tissue glycerol and lactate production after surgery measured by microdialysis in neonates and children. Paediatric Anaesthesia, 2000, 10, 283-289.	1.1	10
90	Ropivacaine-clonidine combination for caudal blockade in children. Acta Anaesthesiologica Scandinavica, 2000, 44, 446-449.	1.6	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.	3.4	85
92	Exhaled Nitric Oxide Increases During High Frequency Oscillatory Ventilation in Rabbits. Experimental Physiology, 1999, 84, 959-969.	2.0	9
93	EXHALED NITRIC OXIDE INCREASES DURING HIGH FREQUENCY OSCILLATORY VENTILATION IN RABBITS. Experimental Physiology, 1999, 84, 959-969.	2.0	6
94	Plasma levels of clonidine following epidural bolus injection in children. Acta Anaesthesiologica Scandinavica, 1998, 42, 306-311.	1.6	53
95	Ropivacaine for central blocks in children. Anaesthesia, 1998, 53, 74-76.	3.8	16
96	Difficult Tracheal Intubation in Patients with Retinoblastoma Caused by 13q Deficiency. Japanese Journal of Clinical Oncology, 1998, 28, 507-510.	1.3	6
97	Thoracic paravertebral block. British Journal of Anaesthesia, 1998, 81, 230-238.	3.4	245
98	Plasma Concentrations of Bupivacaine in Neonates After Continuous Epidural Infusion. Anesthesia and Analgesia, 1997, 84, 501-505.	2.2	85
99	Successful Use of Laryngeal Mask Airway in Low-Weight Expremature Infants with Bronchopulmonary Dysplasia Undergoing Cryotherapy for Retinopathy of the Premature. Anesthesiology, 1995, 83, 422-424	2.5	26
100	Paravertebral blockade Anaesthesia, 1995, 50, 813-815.	3.8	378
101	Plasma concentrations of bupivacaine in young infants after continuous epidural infusion. Paediatric Anaesthesia, 1994, 4, 159-162.	1.1	23
102	Paravertebral vs epidural block in children. Effects on postoperative morphine requirement after renal surgery. Acta Anaesthesiologica Scandinavica, 1994, 38, 346-349.	1.6	66
103	Pharmacokinetics of Clonidine after Rectal Administration in Children. Anesthesiology, 1994, 81, 1097-1101.	2.5	61
104	Inhaled nitric oxide in neonates and children with pulmonary hypertension. Acta Paediatrica, International Journal of Paediatrics, 1994, 83, 1132-1136.	1.5	33
105	Radiological and clinical distribution of thoracic paravertebral blockade in infants and children. Paediatric Anaesthesia, 1993, 3, 83-87.	1.1	41
106	Pharmacokinetics and haemodynamic response after an intravenous bolus injection of clonidine in children. Paediatric Anaesthesia, 1993, 3, 359-364.	1.1	28
107	Plasma concentrations of lignocaine after thoracic paravertebral blockade in infants and children. Anaesthesia, 1993, 48, 958-960.	3.8	17
108	Continuous paravertebral block in children Anaesthesia, 1992, 47, 607-609.	3.8	81

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109	The caudal boundary of the thoracic paravertebral space Anaesthesia, 1992, 47, 1051-1052.	3.8	83
110	Persistent left superior vena cava — an unusual location of central venous catheters in children. Intensive Care Medicine, 1991, 17, 497-500.	8.2	24