

Robert SÃ¼mpelmann

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

973
citations

516561

16
h-index

477173

29
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44
all docs

44
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44
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized preoperative fasting times decrease ketone body concentration and stabilize mean arterial blood pressure during induction of anesthesia in children younger than 36 months: a prospective observational cohort study. <i>Paediatric Anaesthesia</i> , 2016, 26, 838-843.	0.6	86
2	Pre-operative fasting in children. <i>European Journal of Anaesthesiology</i> , 2022, 39, 4-25.	0.7	85
3	European consensus statement for intraoperative fluid therapy in children. <i>European Journal of Anaesthesiology</i> , 2011, 28, 637-639.	0.7	79
4	Perioperative intravenous fluid therapy in children: guidelines from the Association of the Scientific Medical Societies in Germany. <i>Paediatric Anaesthesia</i> , 2017, 27, 10-18.	0.6	78
5	Comparison of electrical velocimetry and transpulmonary thermodilution for measuring cardiac output in piglets. <i>Paediatric Anaesthesia</i> , 2007, 17, 749-755.	0.6	69
6	Impact of preoperative fasting times on blood glucose concentration, ketone bodies and acid-base balance in children younger than 36 months. <i>European Journal of Anaesthesiology</i> , 2015, 32, 857-861.	0.7	62
7	A novel isotonic-balanced electrolyte solution with 1% glucose for intraoperative fluid therapy in children: results of a prospective multicentre observational post-authorization safety study (PASS). <i>Paediatric Anaesthesia</i> , 2010, 20, 977-981.	0.6	49
8	Prevention of intraoperative hypothermia in neonates and infants: results of a prospective multicenter observational study with a new forced-air warming system with increased warm air flow. <i>Paediatric Anaesthesia</i> , 2013, 23, 469-474.	0.6	39
9	Impact of clear fluid fasting on pulmonary aspiration in children undergoing general anesthesia: Results of the German prospective multicenter observational (NiKs) study. <i>Paediatric Anaesthesia</i> , 2020, 30, 892-899.	0.6	37
10	Hydroxyethyl starch 130/0.42/6:1 for perioperative plasma volume replacement in 1130 children: results of an European prospective multicenter observational postauthorization safety study (PASS). <i>Paediatric Anaesthesia</i> , 2012, 22, 371-378.	0.6	35
11	Perioperative fluid management in children. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 384-391.	0.9	26
12	Intranasal Analgesia and Sedation in Pediatric Emergency Care – A Prospective Observational Study on the Implementation of an Institutional Protocol in a Tertiary Children's Hospital. <i>Pediatric Emergency Care</i> , 2019, 35, 89-95.	0.5	25
13	Effect of age on Narcotrend Index monitoring during sevoflurane anesthesia in children below 2 years of age. <i>Paediatric Anaesthesia</i> , 2018, 28, 112-119.	0.6	24
14	Ultrasound assessment of gastric emptying time after a standardised light breakfast in healthy children. <i>European Journal of Anaesthesiology</i> , 2018, 35, 937-941.	0.7	21
15	Isovolaemic hemodilution with gelatin and hydroxyethylstarch 130/0.42: effects on hemostasis in piglets. <i>Paediatric Anaesthesia</i> , 2012, 22, 379-385.	0.6	20
16	Ultrasound assessment of gastric emptying after breakfast in healthy preschool children. <i>Paediatric Anaesthesia</i> , 2017, 27, 816-820.	0.6	18
17	Choosing Wisely in pediatric anesthesia: An interpretation from the German Scientific Working Group of Paediatric Anaesthesia (<sc>WAKKA</sc>). <i>Paediatric Anaesthesia</i> , 2018, 28, 588-596.	0.6	18
18	Ultrasound assessment of gastric emptying time in preterm infants. <i>European Journal of Anaesthesiology</i> , 2019, 36, 406-410.	0.7	18

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19	Optimization of initial propofol bolus dose for <scp>EEG</scp> Narcotrend Indexâ€­guided transition from sevoflurane induction to intravenous anesthesia in children. Paediatric Anaesthesia, 2017, 27, 425-432.	0.6	17
20	Real fasting times and incidence of pulmonary aspiration in children: Results of a German prospective multicenter observational study. Paediatric Anaesthesia, 2019, 29, 1040-1045.	0.6	17
21	Alteration of anion gap and strong ion difference caused by hydroxyethyl starch 6% (130/0.42) and gelatin 4% in children. Paediatric Anaesthesia, 2008, 18, 934-939.	0.6	16
22	Low anaesthetic waste gas concentrations in postanesthesia care unit. European Journal of Anaesthesiology, 2018, 35, 534-538.	0.7	14
23	Prevention of burns caused by transillumination for peripheral venous access in neonates. Paediatric Anaesthesia, 2006, 16, 1097-1097.	0.6	13
24	Preparation of anaesthesia workstation for trigger-free anaesthesia. European Journal of Anaesthesiology, 2019, 36, 851-856.	0.7	12
25	Ultrasound assessment of gastric emptying time after intake of clear fluids in children scheduled for general anesthesiaâ€­A prospective observational study. Paediatric Anaesthesia, 2020, 30, 1384-1389.	0.6	11
26	Prevention of postoperative bleeding after complex pediatric cardiac surgery by early administration of fibrinogen, prothrombin complex and platelets: a prospective observational study. BMC Anesthesiology, 2020, 20, 302.	0.7	10
27	Impact of 6% hydroxyethyl starch 130/0.42 and 4% gelatin on renal function in a pediatric animal model. Paediatric Anaesthesia, 2014, 24, 974-979.	0.6	9
28	Impact of high doses of 6% hydroxyethyl starch 130/0.42 and 4% gelatin on renal function in a pediatric animal model. Paediatric Anaesthesia, 2016, 26, 259-265.	0.6	8
29	Compatibility of common drugs with acetateâ€­containing balanced electrolyte solutions in pediatric anesthesia. Paediatric Anaesthesia, 2016, 26, 590-598.	0.6	8
30	Correlation of exhaled propofol with Narcotrend index and calculated propofol plasma levels in children undergoing surgery under total intravenous anesthesia -An observational study. BMC Anesthesiology, 2021, 21, 161.	0.7	8
31	Intravenous fluids. European Journal of Anaesthesiology, 2021, Publish Ahead of Print, .	0.7	8
32	Metamizole for Postoperative Pain Therapy in Infants Younger than 1 Year. European Journal of Pediatric Surgery, 2017, 27, 269-273.	0.7	7
33	Quality-improvement project to reduce actual fasting times for fluids and solids before induction of anaesthesia. BMC Anesthesiology, 2021, 21, 254.	0.7	7
34	Impact of temperature on the Narcotrend Index during hypothermic cardiopulmonary bypass in children with sevoflurane anesthesia. Perfusion (United Kingdom), 2018, 33, 303-309.	0.5	6
35	Effect of magnetic resonance imaging on human respiratory burst of neutrophils. FEBS Letters, 1999, 446, 15-17.	1.3	3
36	Compatibility of common IV drugs with 6% hydroxyethyl starch 130/0.42 and 4% gelatin. Paediatric Anaesthesia, 2018, 28, 87-93.	0.6	2

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37	Impact of Capnoperitoneum on Renal Perfusion and Urine Production in Infant and Adolescent Pigs: Crystalloid versus Colloid Fluid Resuscitation. <i>European Journal of Pediatric Surgery</i> , 2019, 29, 539-544.	0.7	2
38	Modified fluid gelatin 4% for perioperative volume replacement in pediatric patients (<scp>GPS</scp>) Tj ETQq0 0 0 rgBT /Overlock 10 2022, , .	0.6	2
39	Reply to Greenstein, Alan; Morton, Neil; Patil, Vinodkumar, regarding their comment on "Optimized preoperative fasting times decrease ketone body concentration and stabilize mean arterial blood pressure during induction of anesthesia in children younger than 36 months: a prospective observational cohort study". <i>Paediatric Anaesthesia</i> , 2017, 27, 325-326.	0.6	1
40	Preparation of Dräger Atlan A350 and General Electric Healthcare Carestation 650 anesthesia workstations for malignant hyperthermia susceptible patients. <i>BMC Anesthesiology</i> , 2021, 21, 315.	0.7	1
41	The impact of modified fluid gelatin 4% in a balanced electrolyte solution on plasma osmolality in children. A noninterventional observational study. <i>Paediatric Anaesthesia</i> , 2022, , .	0.6	1
42	Stability of 0.5% Glucose-Containing Balanced Electrolyte Solutions for Patients on Ketogenic Diets: A Laboratory Study. <i>Neuropediatrics</i> , 2020, 51, 397-400.	0.3	0
43	Effect of etomidate on systemic and regional cerebral perfusion in neonates and infants with congenital heart disease: A prospective observational study. <i>Paediatric Anaesthesia</i> , 2020, 30, 984-989.	0.6	0