

# Klaus T Olkkola

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,649  
citations

394421  
19  
h-index

302126  
39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	A policy for diversity, equity, inclusion and anti-racism in the Scandinavian Society of Anaesthesiology and Intensive Care Medicine (SSAI). Acta Anaesthesiologica Scandinavica, 2022, 66, 141-144.	1.6	5
2	Transfusion strategies in bleeding critically ill adults: A clinical practice guideline from the European Society of Intensive Care Medicine: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2022, , .	1.6	1
3	Therapeutics and COVID-19: A living WHO guideline: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2022, , .	1.6	3
4	Surviving sepsis campaign: International guidelines for management of sepsis and septic shock in adults 2021 – endorsement by the Scandinavian society of anaesthesiology and intensive care medicine. Acta Anaesthesiologica Scandinavica, 2022, 66, 634-635.	1.6	11
5	Regional anaesthesia in patients on antithrombotic drugs – a joint <sc>ESAIC</sc>/<sc>ESRA</sc> guideline: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2022, 66, 887-889.	1.6	4
6	Relationship of Edoxaban Plasma Concentration and Blood Coagulation in Healthy Volunteers Using Standard Laboratory Tests and Viscoelastic Analysis. Journal of Clinical Pharmacology, 2021, 61, 522-530.	2.0	2
7	Impact of enantiomer-specific changes in pharmacokinetics between infants and adults on the target concentration of racemic ketorolac: A pooled analysis. British Journal of Clinical Pharmacology, 2021, 87, 1443-1454.	2.4	3
8	Clinical practice guideline on gastrointestinal bleeding prophylaxis for critically ill patients: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2021, 65, 549-550.	1.6	1
9	First genome-wide association study on rocuronium dose requirements shows association with SLCO1A2. British Journal of Anaesthesia, 2021, 126, 949-957.	3.4	9
10	Ability of prehospital NEWS to predict 1-day and 7-day mortality is reduced in the older adult patients. Emergency Medicine Journal, 2021, 38, emermed-2019-209400.	1.0	7
11	S-ketamine in patient-controlled analgesia reduces opioid consumption in a dose-dependent manner after major lumbar fusion surgery: A randomized, double-blind, placebo-controlled clinical trial. PLoS ONE, 2021, 16, e0252626.	2.5	21
12	Use of a Tourniquet and Spinal Anesthesia Increases Satisfactory Outcomes After Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1890-1899.	3.0	8
13	Clinical practice guideline on spinal stabilisation of adult trauma patients: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2021, 65, 986-987.	1.6	1
14	Anesthesia Method, Tourniquet Use, and Persistent Postsurgical Pain after Total Knee Arthroplasty: A Prespecified Secondary Analysis of a Randomized Trial. Anesthesiology, 2021, 135, 699-710.	2.5	3
15	Clinical practice guideline on the management of septic shock and sepsis-associated organ dysfunction in children: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2021, 65, 1365-1366.	1.6	1
16	Rifampin Reduces the Plasma Concentrations of Oral and Intravenous Hydromorphone in Healthy Volunteers. Anesthesia and Analgesia, 2021, 133, 423-434.	2.2	1
17	A Physiologically Based Pharmacokinetic Model of Voriconazole Integrating Time-Dependent Inhibition of CYP3A4, Genetic Polymorphisms of CYP2C19 and Predictions of Drug-Drug Interactions. Clinical Pharmacokinetics, 2020, 59, 781-808.	3.5	42
18	Random forest machine learning method outperforms prehospital National Early Warning Score for predicting one-day mortality: A retrospective study. Resuscitation Plus, 2020, 4, 100046.	1.7	12

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19	Cerebral autoregulation after aneurysmal subarachnoid haemorrhage. A preliminary study comparing dexmedetomidine to propofol and/or midazolam. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1278-1286.	1.6	2
20	Effects of anaesthesia method and tourniquet use on recovery following total knee arthroplasty: a randomised controlled study. <i>British Journal of Anaesthesia</i> , 2020, 125, 762-772.	3.4	27
21	Clinical practice guideline on prevention of rhabdomyolysis induced acute kidney injury: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 1280-1281.	1.6	1
22	Clinical practice guideline on atraumatic (pencil-point) vs conventional needles for lumbar puncture: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 438-439.	1.6	3
23	Prehospital National Early Warning Score predicts early mortality. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 676-683.	1.6	44
24	Endorsement of clinical practice guidelines by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 161-163.	1.6	13
25	Randomised controlled study comparing general and spinal anaesthesia with and without a tourniquet on the outcomes of total knee arthroplasty: study protocol. <i>BMJ Open</i> , 2018, 8, e025546.	1.9	10
26	Semimechanistic Population Pharmacokinetic Model to Predict the Drug-Drug Interaction Between Ketamine and Ticlopidine in Healthy Human Volunteers. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018, 7, 687-697.	2.5	17
27	Voriconazole greatly increases the exposure to oral buprenorphine. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1615-1622.	1.9	12
28	Maturation of Oxycodone Pharmacokinetics in Neonates and Infants: a Population Pharmacokinetic Model of Three Clinical Trials. <i>Pharmaceutical Research</i> , 2017, 34, 1125-1133.	3.5	15
29	Body weight, gender and pregnancy affect enantiomer-specific ketorolac pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1966-1975.	2.4	8
30	Acute hormonal findings after aneurysmal subarachnoid hemorrhage – report from a single center. <i>Endocrine Research</i> , 2017, 42, 125-131.	1.2	1
31	Ketamine: A Review of Clinical Pharmacokinetics and Pharmacodynamics in Anesthesia and Pain Therapy. <i>Clinical Pharmacokinetics</i> , 2016, 55, 1059-1077.	3.5	392
32	High-Dose Methylprednisolone Has No Benefit Over Moderate Dose for the Correction of Tetralogy of Fallot. <i>Annals of Thoracic Surgery</i> , 2016, 102, 870-876.	1.3	13
33	Aetiology of in-hospital cardiac arrest on general wards. <i>Resuscitation</i> , 2016, 107, 19-24.	3.0	25
34	Voriconazole more likely than posaconazole increases plasma exposure to sublingual buprenorphine causing a risk of a clinically important interaction. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 1363-1371.	1.9	15
35	Effect of Inhaled Xenon on Cerebral White Matter Damage in Comatose Survivors of Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1120.	7.4	97
36	Effect of Timing and Route of Methylprednisolone Administration During Pediatric Cardiac Surgical Procedures. <i>Annals of Thoracic Surgery</i> , 2015, 99, 180-185.	1.3	30

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37	Mechanism-based population pharmacokinetic and pharmacodynamic modeling of intravenous and intranasal dexmedetomidine in healthy subjects. <i>European Journal of Clinical Pharmacology</i> , 2015, 71, 1197-1207.	1.9	42
38	Simultaneous beat-to-beat assessment of arterial blood pressure and quality of cardiopulmonary resuscitation in out-of-hospital and in-hospital settings. <i>Resuscitation</i> , 2015, 96, 163-169.	3.0	17
39	Effect of mattress and bed frame deflection on real chest compression depth measured with two CPR sensors. <i>Resuscitation</i> , 2014, 85, 840-843.	3.0	19
40	Neurocognitive long term follow-up study on drowned children. <i>Resuscitation</i> , 2014, 85, 1059-1064.	3.0	31
41	The Effect of Erythromycin and Fluvoxamine on the Pharmacokinetics of Intravenous Lidocaine. <i>Anesthesia and Analgesia</i> , 2005, 100, 1352-1356.	2.2	32
42	Systemic inflammatory response syndrome without systemic inflammation in acutely ill patients admitted to hospital in a medical emergency. <i>Clinical Science</i> , 1999, 96, 287-295.	4.3	24
43	Cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour. <i>Canadian Journal of Anaesthesia</i> , 1997, 44, 1269-1274.	1.6	5
44	Time Course of $\alpha_2$ -Integrin CD11b/CD18 (Mac-1, $\alpha_M\beta_2$ ) Upregulation on Neutrophils and Monocytes after Coronary Artery Bypass Grafting: CD11b upregulation after CABG surgery. <i>Scandinavian Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 30, 141-148.	0.2	21
45	Fluconazole, but not terbinafine, enhances the effects of triazolam by inhibiting its metabolism. <i>British Journal of Clinical Pharmacology</i> , 1996, 41, 319-323.	2.4	60
46	Effect of fluconazole dose on the extent of fluconazole-triazolam interaction. <i>British Journal of Clinical Pharmacology</i> , 1996, 42, 465-470.	2.4	58
47	Effect of itraconazole and terbinafine on the pharmacokinetics and pharmacodynamics of midazolam in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 1995, 40, 270-272.	2.4	84
48	A potentially hazardous interaction between erythromycin and midazolam. <i>Clinical Pharmacology and Therapeutics</i> , 1993, 53, 298-305.	4.7	313
49	Exercise alters the pharmacokinetics of midazolam. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 51, 527-532.	4.7	29
50	Pharmacokinetics and pharmacodynamics of intravenous meperidine in neonates and infants. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 342-349.	4.7	54