

Beatrice Beck-Schimmer

List of Publications by Year in descending order

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43
papers

1,025
citations

471509

17
h-index

434195

31
g-index

45
all docs

45
docs citations

45
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-6 Is an Early Plasma Marker of Severe Postoperative Complications in Thoracic Surgery: Exploratory Results From a Substudy of a Randomized Controlled Multicenter Trial. <i>Anesthesia and Analgesia</i> , 2022, 134, 123-132.	2.2	4
2	Removal of Circulating Tumor Cells from Blood Samples of Cancer Patients Using Highly Magnetic Nanoparticles: A Translational Research Project. <i>Pharmaceutics</i> , 2022, 14, 1397.	4.5	4
3	Sevoflurane sedation attenuates early cerebral oedema formation through stabilisation of the adherens junction protein beta catenin in a model of subarachnoid haemorrhage. <i>European Journal of Anaesthesiology</i> , 2020, 37, 402-412.	1.7	12
4	SCIM: universal single-cell matching with unpaired feature sets. <i>Bioinformatics</i> , 2020, 36, 1919-1927.	4.1	37
5	Standard Operating Procedures for Anesthesia Management in Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Improve Patient Outcomes: A Patient Cohort Analysis. <i>Annals of Surgical Oncology</i> , 2019, 26, 3652-3662.	1.5	10
6	Which Anesthesia Regimen Should Be Used for Lung Surgery?. <i>Current Anesthesiology Reports</i> , 2019, 9, 464-473.	2.0	0
7	Biochemical functionality of magnetic particles as nanosensors: how far away are we to implement them into clinical practice?. <i>Journal of Nanobiotechnology</i> , 2019, 17, 73.	9.1	20
8	Prediction of mortality in adult patients with sepsis using six biomarkers: a systematic review and meta-analysis. <i>Annals of Intensive Care</i> , 2019, 9, 125.	4.6	40
9	Short term general anesthesia for retro-bulbar block in ophthalmic surgery generates no significant hypercapnia. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 351-358.	1.6	0
10	Sevoflurane Protects Hepatocytes From Ischemic Injury by Reducing Reactive Oxygen Species Signaling of Hepatic Stellate Cells. <i>Anesthesia and Analgesia</i> , 2018, 127, 1058-1065.	2.2	14
11	Perioperative surgery- and anaesthesia-related risks of laparoscopic Roux-en-Y gastric bypass - a single centre, retrospective data analysis. <i>BMC Anesthesiology</i> , 2018, 18, 190.	1.8	8
12	Reply to: Liver hypoxia as a trigger to liver regeneration: No more than another piece of the puzzle. <i>Surgery</i> , 2017, 161, 1177-1178.	1.9	1
13	Sevoflurane preconditioning protects from posttransplant injury in mouse lung transplantation. <i>Journal of Surgical Research</i> , 2017, 214, 270-277.	1.6	8
14	Rat Model of the Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy (ALPPS) Procedure. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
15	In Reply. <i>Anesthesiology</i> , 2017, 126, 756-757.	2.5	1
16	Sevoflurane attenuates systemic inflammation compared with propofol, but does not modulate neuro-inflammation. <i>European Journal of Anaesthesiology</i> , 2017, 34, 764-775.	1.7	20
17	Hypoxia of the growing liver accelerates regeneration. <i>Surgery</i> , 2017, 161, 666-679.	1.9	73
18	Sevoflurane protects rat brain endothelial barrier structure and function after hypoxia-reoxygenation injury. <i>PLoS ONE</i> , 2017, 12, e0184973.	2.5	22

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19	How "Volatile" Is the Protection Provided by Inhalational Anesthetics?. <i>Anesthesiology</i> , 2016, 124, 1213-1214.	2.5	3
20	Detection of circulating tumor cells in patients with esophagogastric or pancreatic adenocarcinoma using the CellSearch [®] system: An observational feasibility study. <i>Oncology Letters</i> , 2016, 12, 1513-1518.	1.8	4
21	Which Anesthesia Regimen Is Best to Reduce Morbidity and Mortality in Lung Surgery?. <i>Anesthesiology</i> , 2016, 125, 313-321.	2.5	68
22	<i>In vivo</i> risk evaluation of carbon-coated iron carbide nanoparticles based on short- and long-term exposure scenarios. <i>Nanomedicine</i> , 2016, 11, 783-796.	3.3	17
23	Inflammatory Kidney and Liver Tissue Response to Different Hydroxyethylstarch (HES) Preparations in a Rat Model of Early Sepsis. <i>PLoS ONE</i> , 2016, 11, e0151903.	2.5	6
24	Conditioning With Sevoflurane in Liver Transplantation. <i>Transplantation</i> , 2015, 99, 1606-1612.	1.0	36
25	Late Post-Conditioning with Sevoflurane after Cardiac Surgery - Are Surrogate Markers Associated with Clinical Outcome?. <i>PLoS ONE</i> , 2015, 10, e0132165.	2.5	5
26	Magnetic separation-based blood purification: a promising new approach for the removal of disease-causing compounds?. <i>Journal of Nanobiotechnology</i> , 2015, 13, 49.	9.1	42
27	Role of sevoflurane in organ protection during cardiac surgery in children: a randomized controlled trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 157-165.	1.1	16
28	Propofol increases morbidity and mortality in a rat model of sepsis. <i>Critical Care</i> , 2015, 19, 45.	5.8	56
29	Impact of cytokine release on ventricular function after hepatic reperfusion: a prospective observational echocardiographic study with tissue Doppler imaging. <i>BMC Anesthesiology</i> , 2015, 15, 107.	1.8	7
30	Uptake of ferromagnetic carbon-encapsulated metal nanoparticles in endothelial cells: influence of shear stress and endothelial activation. <i>Nanomedicine</i> , 2015, 10, 3537-3546.	3.3	6
31	A randomized, double-blind study of the effects of omega-3 fatty acids (Omegaven [®]) on outcome after major liver resection. <i>BMC Gastroenterology</i> , 2015, 15, 102.	2.0	18
32	Ropivacaine attenuates endotoxin plus hyperinflation-mediated acute lung injury via inhibition of early-onset Src-dependent signaling. <i>BMC Anesthesiology</i> , 2014, 14, 57.	1.8	33
33	Impact of intraoperative fluid administration on outcome in patients undergoing robotic-assisted laparoscopic prostatectomy - a retrospective analysis. <i>BMC Anesthesiology</i> , 2014, 14, 61.	1.8	11
34	Modulation of Early Inflammatory Response by Different Balanced and Non-Balanced Colloids and Crystalloids in a Rodent Model of Endotoxemia. <i>PLoS ONE</i> , 2014, 9, e93863.	2.5	12
35	Quantitative Recovery of Magnetic Nanoparticles from Flowing Blood: Trace Analysis and the Role of Magnetization. <i>Advanced Functional Materials</i> , 2013, 23, 4888-4896.	14.9	23
36	Nanoparticles: Endotoxin Removal by Magnetic Separation-Based Blood Purification (Adv. Healthcare) Tj ETQq0 0,0,rgBT /Oylock 10	7.6	1

#	ARTICLE	IF	CITATIONS
37	Endotoxin Removal by Magnetic Separation-Based Blood Purification. <i>Advanced Healthcare Materials</i> , 2013, 2, 829-835.	7.6	46
38	Intravenous Application of a Primary Sevoflurane Metabolite Improves Outcome in Murine Septic Peritonitis: First Results. <i>PLoS ONE</i> , 2013, 8, e72057.	2.5	11
39	Protection of Pharmacological Postconditioning in Liver Surgery. <i>Annals of Surgery</i> , 2012, 256, 837-845.	4.2	61
40	Bronchoaspiration: incidence, consequences and management. <i>European Journal of Anaesthesiology</i> , 2011, 28, 78-84.	1.7	56
41	Perioperative tidal volume and intra-operative open lung strategy in healthy lungs: where are we going?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2010, 24, 199-210.	4.0	18
42	Pulmonary Aspiration. <i>Anesthesiology</i> , 2005, 103, 556-566.	2.5	27
43	Alveolar macrophages regulate neutrophil recruitment in endotoxin-induced lung injury. <i>Respiratory Research</i> , 2005, 6, 61.	3.6	164