

Claudia D Spies

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

458 papers	23,352 citations	61 h-index	144 g-index
544 ext. papers	27,834 ext. citations	4.3 avg, IF	6.31 L-index

#	Paper	IF	Citations
458	A proteomic survival predictor for COVID-19 patients in intensive care 2022 , 1, e0000007		6
457	Impact of protocol-based physiotherapy on insulin sensitivity and peripheral glucose metabolism in critically ill patients.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	2
456	Observational study of changes in utilization and outcomes in mechanical ventilation in COVID-19.. <i>PLoS ONE</i> , 2022 , 17, e0262315	3.7	2
455	Interleukin 8 in postoperative delirium - Preliminary findings from two studies.. <i>Brain, Behavior, & Immunity - Health</i> , 2022 , 20, 100419	5.1	0
454	CytoSorb Rescue for COVID-19 Patients With Vasoplegic Shock and Multiple Organ Failure: A Prospective, Open-Label, Randomized Controlled Pilot Study.. <i>Critical Care Medicine</i> , 2022 ,	1.4	8
453	Does adherence to a quality indicator regarding early weaning from invasive ventilation improve economic outcome? A single-centre retrospective study.. <i>BMJ Open</i> , 2022 , 12, e045327	3	
452	Creation of an Evidence-Based Implementation Framework for Digital Health Technology in the Intensive Care Unit: Qualitative Study.. <i>JMIR Formative Research</i> , 2022 , 6, e22866	2.5	
451	A Remote Patient-Monitoring System for Intensive Care Medicine: Mixed Methods Human-Centered Design and Usability Evaluation.. <i>JMIR Human Factors</i> , 2022 , 9, e30655	2.5	1
450	Use of patient-relevant outcome measures to assess the long-term effects of care bundles in the ICU: a scoping review protocol.. <i>BMJ Open</i> , 2022 , 12, e058314	3	0
449	The role of cell-free hemoglobin and haptoglobin in acute kidney injury in critically ill adults with ARDS and therapy with VV ECMO.. <i>Critical Care</i> , 2022 , 26, 50	10.8	2
448	A comparison of first-attempt cannulation success of peripheral venous catheter systems with and without wings and injection ports in surgical patients-a randomized trial.. <i>BMC Anesthesiology</i> , 2022 , 22, 88	2.4	
447	Foundations of circadian medicine.. <i>PLoS Biology</i> , 2022 , 20, e3001567	9.7	4
446	Living with Chronic Pain During the COVID-19 Pandemic: A Qualitative Analysis.. <i>Journal of Pain Research</i> , 2022 , 15, 969-981	2.9	0
445	Patient Monitoring Alarms in an Intensive Care Unit: Observational Study With Do-It-Yourself Instructions. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26494	7.6	0
444	The role of simulated-experience and descriptive formats on perceiving risks of strong opioids: A randomized controlled trial with chronic noncancer pain patients. <i>Patient Education and Counseling</i> , 2021 ,	3.1	2
443	Association between genetic variants of the cholinergic system and postoperative delirium and cognitive dysfunction in elderly patients. <i>BMC Medical Genomics</i> , 2021 , 14, 248	3.7	0
442	Timing, Outcome, and Risk Factors of Intracranial Hemorrhage in Acute Respiratory Distress Syndrome Patients During Venovenous Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2021 , 49, e120-e129	1.4	5

441	Preoperative Comparison of Three Anticholinergic Drug Scales in Older Adult Patients and Development of Postoperative Delirium: A Prospective Observational Study. <i>Drugs and Aging</i> , 2021 , 38, 347-354	4.7	1
440	Design of Clinical Trials Evaluating Sedation in Critically Ill Adults Undergoing Mechanical Ventilation: Recommendations From Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) Recommendation III. <i>Critical Care Medicine</i> , 2021 , 49, 1684-1693	1.4	2
439	Neurocognitive disorders in the elderly: altered functional resting-state hyperconnectivities in postoperative delirium patients. <i>Translational Psychiatry</i> , 2021 , 11, 213	8.6	1
438	Low neuronal metabolism during isoflurane-induced burst suppression is related to synaptic inhibition while neurovascular coupling and mitochondrial function remain intact. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2640-2655	7.3	4
437	CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , 2021 , 49, 757-762	5.8	11
436	Circadian rhythms in septic shock patients. <i>Annals of Intensive Care</i> , 2021 , 11, 64	8.9	3
435	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. <i>Kidney International Reports</i> , 2021 , 6, 905-915	4.1	6
434	Preoperative medication use and development of postoperative delirium and cognitive dysfunction. <i>Clinical and Translational Science</i> , 2021 , 14, 1830-1840	4.9	3
433	The effect of peri-operative dexmedetomidine on the incidence of postoperative delirium in cardiac and non-cardiac surgical patients: a randomised, double-blind placebo-controlled trial. <i>Anaesthesia</i> , 2021 , 76, 1342-1351	6.6	3
432	Predicting lethal courses in critically ill COVID-19 patients using a machine learning model trained on patients with non-COVID-19 viral pneumonia. <i>Scientific Reports</i> , 2021 , 11, 13205	4.9	2
431	Contribution of IQ in young adulthood to the associations of education and occupation with cognitive ability in older age. <i>BMC Geriatrics</i> , 2021 , 21, 346	4.1	1
430	Critical illness myopathy precedes hyperglycaemia and high glucose variability. <i>Journal of Critical Care</i> , 2021 , 63, 32-39	4	2
429	Telemedicine in the intensive care unit: A vehicle to improve quality of care?. <i>Journal of Critical Care</i> , 2021 , 61, 241-246	4	3
428	Instruments to measure outcomes of post-intensive care syndrome in outpatient care settings - Results of an expert consensus and feasibility field test. <i>Journal of the Intensive Care Society</i> , 2021 , 22, 159-174	1.6	11
427	Radiological, Chemical, and Pharmacological Cholinergic System Parameters and Neurocognitive Disorders in Older Presurgical Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 1029-1036	6.4	1
426	Preoperative brain MRI features and occurrence of postoperative delirium. <i>Journal of Psychosomatic Research</i> , 2021 , 140, 110301	4.1	4
425	Physostigmine for prevention of postoperative delirium and long-term cognitive dysfunction in liver surgery: A double-blinded randomised controlled trial. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 943-956	2.3	7
424	Reply to "Perioperative Alcohol Withdrawal Syndrome: Care Based on Empathy plus Prescriptions Based on Physiology". <i>Visceral Medicine</i> , 2021 , 37, 154-155	2.4	

423	The association between intraoperative hyperglycemia and cerebrovascular markers. <i>International Journal of Medical Sciences</i> , 2021 , 18, 1332-1338	3.7	0
422	Influence of transfusions, hemodialysis and extracorporeal life support on hyperferritinemia in critically ill patients. <i>PLoS ONE</i> , 2021 , 16, e0254345	3.7	1
421	Educating Pharmacists on the Risks of Strong Opioids With Descriptive and Simulated Experience Risk Formats: A Randomized Controlled Trial. <i>MDM Policy and Practice</i> , 2021 , 6, 23814683211042832	1.5	0
420	Perceived Severity of Stressors in the Intensive Care Unit: A Systematic Review and Semi-Quantitative Analysis of the Literature on the Perspectives of Patients, Health Care Providers and Relatives. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
419	Influence of Patient-Specific Covariates on Test Validity of Two Delirium Screening Instruments in Neurocritical Care Patients (DEMON-ICU). <i>Neurocritical Care</i> , 2021 , 1	3.3	1
418	Dexmedetomidine Restores Autophagic Flux, Modulates Associated microRNAs and the Cholinergic Anti-inflammatory Pathway upon LPS-Treatment in Rats. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 1	6.9	1
417	Machine learning identifies ICU outcome predictors in a multicenter COVID-19 cohort. <i>Critical Care</i> , 2021 , 25, 295	10.8	3
416	Perioperative Electroencephalogram Spectral Dynamics Related to Postoperative Delirium in Older Patients. <i>Anesthesia and Analgesia</i> , 2021 , 133, 1598-1607	3.9	0
415	Patients' self-reported physical and psychological effects of opioid use in chronic noncancer pain-A retrospective cross-sectional analysis. <i>European Journal of Pain</i> , 2021 ,	3.7	1
414	Critical care guidelines on pain, agitation and delirium management: Which one to use? A systematic literature search and quality appraisal with AGREE II. <i>Journal of Critical Care</i> , 2020 , 59, 124-129	4.4	3
413	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020 , 48, 619-626	5.8	40
412	Frequency distribution in intraoperative stimulation-evoked EMG responses during selective dorsal rhizotomy in children with cerebral palsy-part 1: clinical setting and neurophysiological procedure. <i>Child's Nervous System</i> , 2020 , 36, 1945-1954	1.7	1
411	Clinical practice in the management of postoperative delirium by Chinese anesthesiologists: a cross-sectional survey designed by the European Society of Anaesthesiology. <i>Journal of International Medical Research</i> , 2020 , 48, 300060520927207	1.4	1
410	Empathy-Related Brain Activity in Somatosensory Cortex Protects From Tactile Priming Effects: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 142	3.3	1
409	Frequency distribution in intraoperative stimulation-evoked EMG responses during selective dorsal rhizotomy in children with cerebral palsy-part 2: gender differences and left-biased asymmetry. <i>Child's Nervous System</i> , 2020 , 36, 1955-1965	1.7	0
408	Plasma leptin, but not adiponectin, is associated with cognitive impairment in older adults. <i>Psychoneuroendocrinology</i> , 2020 , 120, 104783	5	5
407	Improving quality of care in less than 1 min: a prospective intervention study on postoperative handovers to the ICU/PACU. <i>BMJ Open Quality</i> , 2020 , 9,	1.9	1
406	CytoResc - "CytoSorb" Rescue for critically ill patients undergoing the COVID-19 Cytokine Storm: A structured summary of a study protocol for a randomized controlled trial. <i>Trials</i> , 2020 , 21, 577	2.8	22

405	Postoperative anaemia might be a risk factor for postoperative delirium and prolonged hospital stay: A secondary analysis of a prospective cohort study. <i>PLoS ONE</i> , 2020 , 15, e0229325	3.7	8
404	Stability of neuropsychological test performance in older adults serving as normative controls for a study on postoperative cognitive dysfunction. <i>BMC Research Notes</i> , 2020 , 13, 55	2.3	9
403	Hemophagocytic lymphohistiocytosis in critically ill patients: diagnostic reliability of HLH-2004 criteria and HScore. <i>Critical Care</i> , 2020 , 24, 244	10.8	26
402	Guideline-conform translation and cultural adaptation of the Addenbrooke's Cognitive Examination III into German. <i>GMS German Medical Science</i> , 2020 , 18, Doc04	3.2	
401	Improvements in Patient Monitoring in the Intensive Care Unit: Survey Study. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19091	7.6	17
400	Presurgical cognitive impairment is associated with postoperative delirium and postoperative cognitive dysfunction. <i>Minerva Anestesiologica</i> , 2020 , 86, 394-403	1.9	12
399	Reply to: Remaining confounding factors to confirm the role of intraoperative hyperglycemia in postoperative delirium. <i>Minerva Anestesiologica</i> , 2020 , 86, 680-681	1.9	
398	Anticholinergic burden of long-term medication is an independent risk factor for the development of postoperative delirium: A clinical trial. <i>Journal of Clinical Anesthesia</i> , 2020 , 61, 109632	1.9	11
397	Automated radial 8-arm maze: A voluntary and stress-free behavior test to assess spatial learning and memory in mice. <i>Behavioural Brain Research</i> , 2020 , 381, 112352	3.4	8
396	Perioperatively Acquired Weakness. <i>Anesthesia and Analgesia</i> , 2020 , 130, 341-351	3.9	4
395	Hemophagocytic Lymphohistiocytosis in Critically Ill Patients. <i>Shock</i> , 2020 , 53, 701-709	3.4	15
394	Hyperferritinemia in Critically Ill Patients. <i>Critical Care Medicine</i> , 2020 , 48, 459-465	1.4	24
393	Routine management of postoperative delirium outside the ICU: Results of an international survey among anaesthesiologists. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 494-500	1.9	3
392	Treatment and Mortality of Hemophagocytic Lymphohistiocytosis in Adult Critically Ill Patients: A Systematic Review With Pooled Analysis. <i>Critical Care Medicine</i> , 2020 , 48, e1137-e1146	1.4	6
391	Perioperative Management of Alcohol Withdrawal Syndrome. <i>Visceral Medicine</i> , 2020 , 36, 160-166	2.4	12
390	Epidural Anesthesia in Liver Surgery-A Propensity Score-Matched Analysis. <i>Pain Medicine</i> , 2020 , 21, 2650-2660	2.6	0
389	Sense of coherence, mental well-being and perceived preoperative hospital and surgery related stress in surgical patients with malignant, benign, and no neoplasms. <i>BMC Psychiatry</i> , 2020 , 20, 567	4.2	2
388	Enhanced Recovery after Intensive Care (ERIC): study protocol for a German stepped wedge cluster randomised controlled trial to evaluate the effectiveness of a critical care telehealth program on process quality and functional outcomes. <i>BMJ Open</i> , 2020 , 10, e036096	3	3

387	Effects of pain, sedation and delirium monitoring on clinical and economic outcome: A retrospective study. <i>PLoS ONE</i> , 2020 , 15, e0234801	3.7	2
386	Experiencing the risk of overutilising opioids among patients with chronic non-cancer pain in ambulatory care (ERONA): the protocol of an exploratory, randomised controlled trial. <i>BMJ Open</i> , 2020 , 10, e037642	3	3
385	Influence of Sedation Level and Ventilation Status on the Diagnostic Validity of Delirium Screening Tools in the ICU-An International, Prospective, Bi-Center Observational Study (IDeAS). <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	2
384	Lower versus higher hemoglobin threshold for transfusion in ARDS patients with and without ECMO. <i>Critical Care</i> , 2020 , 24, 697	10.8	1
383	Assessment of German Public Attitudes Toward Health Communications With Varying Degrees of Scientific Uncertainty Regarding COVID-19. <i>JAMA Network Open</i> , 2020 , 3, e2032335	10.4	17
382	Impact of brief prewarming on anesthesia-related core-temperature drop, hemodynamics, microperfusion and postoperative ventilation in cytoreductive surgery of ovarian cancer: a randomized trial. <i>BMC Anesthesiology</i> , 2019 , 19, 161	2.4	4
381	Cognitive Impairment Is Associated with Absolute Intraoperative Frontal θ Band Power but Not with Baseline θ Band Power: A Pilot Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019 , 48, 83-92	2.6	8
380	Risk Factors of Intraoperative Dysglycemia in Elderly Surgical Patients. <i>International Journal of Medical Sciences</i> , 2019 , 16, 665-674	3.7	5
379	Cerebral microbleeds are not associated with postoperative delirium and postoperative cognitive dysfunction in older individuals. <i>PLoS ONE</i> , 2019 , 14, e0218411	3.7	3
378	Muscle wasting and function after muscle activation and early protocol-based physiotherapy: an explorative trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 734-747	10.3	27
377	Associations of the metabolic syndrome and its components with cognitive impairment in older adults. <i>BMC Geriatrics</i> , 2019 , 19, 77	4.1	29
376	Sharing Frailty-related information in perioperative care: an analysis from a temporal perspective. <i>BMC Health Services Research</i> , 2019 , 19, 105	2.9	6
375	Liberal transfusion strategy to prevent mortality and anaemia-associated, ischaemic events in elderly non-cardiac surgical patients - the study design of the LIBERAL-Trial. <i>Trials</i> , 2019 , 20, 101	2.8	12
374	Neuromonitoring in the elderly. <i>Current Opinion in Anaesthesiology</i> , 2019 , 32, 101-107	2.9	9
373	The association between frailty and MRI features of cerebral small vessel disease. <i>Scientific Reports</i> , 2019 , 9, 11343	4.9	19
372	Emergence delirium in children is not related to intraoperative burst suppression - prospective, observational electrography study. <i>BMC Anesthesiology</i> , 2019 , 19, 146	2.4	3
371	Influence of midazolam premedication on intraoperative EEG signatures in elderly patients. <i>Clinical Neurophysiology</i> , 2019 , 130, 1673-1681	4.3	4
370	C-reactive protein for risk prediction of post-operative delirium and post-operative neurocognitive disorder. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 1282-1289	1.9	8

369	Electroencephalography-Guided Anesthetic Administration and Postoperative Delirium. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2469-2470	27.4	2
368	Routine frailty assessment predicts postoperative complications in elderly patients across surgical disciplines - a retrospective observational study. <i>BMC Anesthesiology</i> , 2019 , 19, 204	2.4	17
367	Transfusion of red blood cells does not impact progression-free and overall survival after surgery for ovarian cancer. <i>Transfusion</i> , 2019 , 59, 3589-3600	2.9	6
366	Association between potassium concentrations, variability and supplementation, and in-hospital mortality in ICU patients: a retrospective analysis. <i>Annals of Intensive Care</i> , 2019 , 9, 100	8.9	10
365	Clinical Requirements of Future Patient Monitoring in the Intensive Care Unit: Qualitative Study. <i>JMIR Medical Informatics</i> , 2019 , 7, e13064	3.6	27
364	Frequency, predictive factors and therapy of emergence delirium: data from a large observational clinical trial in a broad spectrum of postoperative pediatric patients. <i>Minerva Anestesiologica</i> , 2019 , 85, 617-624	1.9	6
363	Intraoperative hyperglycemia increases the incidence of postoperative delirium. <i>Minerva Anestesiologica</i> , 2019 , 85, 1201-1210	1.9	11
362	Cognitive Deficits Following Intensive Care. <i>Deutsches A&#x0308;rztblatt International</i> , 2019 , 116, 627-634	2.5	12
361	Anästhesie bei Patienten mit Suchterkrankungen. <i>Springer Reference Medizin</i> , 2019 , 1827-1839	0	
360	Secondary analysis of an RCT on Emergency Department-Initiated Tobacco Control: Repeatedly assessed point-prevalence abstinence up to 12 months and extension of results through a 10-year follow-up. <i>Tobacco Induced Diseases</i> , 2019 , 17, 26	3.2	3
359	Does Telemedical Support of First Responders Improve Guideline Adherence in an Offshore Emergency Scenario? A Simulator-Based Prospective Study. <i>BMJ Open</i> , 2019 , 9, e027563	3	1
358	Patientenversorgung der Zukunft. <i>Intensiv</i> , 2019 , 27, 314-321	0.1	
357	Diagnostic biomarkers for adult haemophagocytic lymphohistiocytosis in critically ill patients (HEMICU): a prospective observational study protocol. <i>BMJ Open</i> , 2019 , 9, e032695	3	3
356	Innovative ICU Solutions to Prevent and Reduce Delirium and Post-Intensive Care Unit Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019 , 40, 673-686	3.9	13
355	Lung Purinoceptor Activation Triggers Ventilator-Induced Brain Injury. <i>Critical Care Medicine</i> , 2019 , 47, e911-e918	1.4	8
354	Impact of Intraoperative Hyperglycemia on Brain Structures and Volumes. <i>Journal of Neuroimaging</i> , 2019 , 29, 260-267	2.8	2
353	Recovery of from positive mycobacterium growth indicator tubes stored at room temperature for up to 6 years in low-income and High-Tuberculosis-Burden Country. <i>International Journal of Mycobacteriology</i> , 2019 , 8, 185-189	0.9	1
352	Incidental haptic sensations influence judgment of crimes. <i>Scientific Reports</i> , 2018 , 8, 6039	4.9	3

351	Duration of storage influences the hemoglobin rising effect of red blood cells in patients undergoing major abdominal surgery. <i>Transfusion</i> , 2018 , 58, 1870-1880	2.9	8
350	Prolonged Catheter Use and Infection in Regional Anesthesia: A Retrospective Registry Analysis. <i>Anesthesiology</i> , 2018 , 128, 764-773	4.3	35
349	Risk factors for 30-day complications after cancer surgery in geriatric patients: a secondary analysis. <i>Acta Anaesthesiologica Scandinavica</i> , 2018 , 62, 451-463	1.9	3
348	Balanced 10% hydroxyethyl starch compared with balanced 6% hydroxyethyl starch and balanced crystalloid using a goal-directed hemodynamic algorithm in pancreatic surgery: A randomized clinical trial. <i>Medicine (United States)</i> , 2018 , 97, e0579	1.8	5
347	Patient Empowerment Reduces Pain in Geriatric Patients After Gynecologic Onco-Surgery: Subgroup Analysis of a Prospective Randomized Controlled Clinical Trial. <i>Journal of Perianesthesia Nursing</i> , 2018 , 33, 281-289	1.3	4
346	Functional impairment prior to major non-cardiac surgery is associated with mortality within one year in elderly patients with gastrointestinal, gynaecological and urogenital cancer: A prospective observational cohort study. <i>Journal of Geriatric Oncology</i> , 2018 , 9, 53-59	3.6	19
345	Chronic Alcohol Consumption Inhibits Autophagy and Promotes Apoptosis in the Liver. <i>International Journal of Medical Sciences</i> , 2018 , 15, 682-688	3.7	23
344	The association between brain volume, cortical brain infarcts, and physical frailty. <i>Neurobiology of Aging</i> , 2018 , 70, 247-253	5.6	22
343	Innate immunity recovers earlier than acquired immunity during severe postoperative immunosuppression. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1-9	3.7	13
342	Basal forebrain cholinergic system volume is associated with general cognitive ability in the elderly. <i>Neuropsychologia</i> , 2018 , 119, 145-156	3.2	9
341	Social Relationship Factors, Preoperative Depression, and Hospital Length of Stay in Surgical Patients. <i>International Journal of Behavioral Medicine</i> , 2018 , 25, 658-668	2.6	8
340	Possible neurotoxicity of the anesthetic propofol: evidence for the inhibition of complex II of the respiratory chain in area CA3 of rat hippocampal slices. <i>Archives of Toxicology</i> , 2018 , 92, 3191-3205	5.8	15
339	Association of obesity, diabetes and hypertension with cognitive impairment in older age. <i>Clinical Epidemiology</i> , 2018 , 10, 853-862	5.9	14
338	Incidence of epileptiform discharges in children during induction of anaesthesia using Propofol versus Sevoflurane. <i>Clinical Neurophysiology</i> , 2018 , 129, 1642-1648	4.3	5
337	Observational clinical study on organ dysfunction associated with dosing of antibiotics in a Pediatric Intensive Care Unit. <i>Minerva Pediatrics</i> , 2018 , 70, 331-339	1.5	0
336	Ten tips for ICU sedation. <i>Intensive Care Medicine</i> , 2018 , 44, 1141-1143	14.5	11
335	Aged Patients with a Frailty Syndrome 2018 , 285-301		1
334	Hemophagocytic Lymphohistiocytosis: Potentially Underdiagnosed in Intensive Care Units. <i>Shock</i> , 2018 , 50, 149-155	3.4	28

333	Emergence delirium in children is related to epileptiform discharges during anaesthesia induction: An observational study. <i>European Journal of Anaesthesiology</i> , 2018 , 35, 929-936	2.3	8
332	Improve hip fracture outcome in the elderly patient (iHOPE): a study protocol for a pragmatic, multicentre randomised controlled trial to test the efficacy of spinal versus general anaesthesia. <i>BMJ Open</i> , 2018 , 8, e023609	3	22
331	Diabetes, but Not Hypertension and Obesity, Is Associated with Postoperative Cognitive Dysfunction. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018 , 46, 193-206	2.6	11
330	Angiotensin II type 2 receptor agonist Compound 21 attenuates pulmonary inflammation in a model of acute lung injury. <i>Journal of Inflammation Research</i> , 2018 , 11, 169-178	4.8	13
329	Physostigmine Restores Impaired Autophagy in the Rat Hippocampus after Surgery Stress and LPS Treatment. <i>Journal of NeuroImmune Pharmacology</i> , 2018 , 13, 383-395	6.9	4
328	Robust allocation of operating rooms: A cutting plane approach to handle lognormal case durations. <i>European Journal of Operational Research</i> , 2018 , 271, 420-435	5.6	5
327	Whole-body vibration to prevent intensive care unit-acquired weakness: safety, feasibility, and metabolic response. <i>Critical Care</i> , 2017 , 21, 9	10.8	15
326	The Role of Intravenous Agents in Delirium 2017 , 725-748		
325	Outcome of acute respiratory distress syndrome in university and non-university hospitals in Germany. <i>Critical Care</i> , 2017 , 21, 122	10.8	17
324	The authors reply. <i>Critical Care Medicine</i> , 2017 , 45, e115	1.4	2
323	European Society of Anaesthesiology evidence-based and consensus-based guideline on postoperative delirium. <i>European Journal of Anaesthesiology</i> , 2017 , 34, 192-214	2.3	362
322	Ethanol-Induced Alterations of T Cells and Cytokines after Surgery in a Murine Infection Model. <i>International Journal of Inflammation</i> , 2017 , 2017, 1067598	6.4	1
321	Smoking, Gender, and Overweight Are Important Influencing Factors on Monocytic HLA-DR before and after Major Cancer Surgery. <i>BioMed Research International</i> , 2017 , 2017, 5216562	3	5
320	Neuroprotective effects of dexmedetomidine against hyperoxia-induced injury in the developing rat brain. <i>PLoS ONE</i> , 2017 , 12, e0171498	3.7	48
319	The effect of a novel extracorporeal cytokine hemoadsorption device on IL-6 elimination in septic patients: A randomized controlled trial. <i>PLoS ONE</i> , 2017 , 12, e0187015	3.7	126
318	Readiness to change and therapy outcomes of an innovative psychotherapy program for surgical patients: results from a randomized controlled trial. <i>BMC Psychiatry</i> , 2017 , 17, 417	4.2	6
317	Severe perioperative hyperglycemia attenuates postoperative monocytic function, basophil count and T cell activation. <i>Minerva Anestesiologica</i> , 2017 , 83, 921-929	1.9	6
316	Diagnostic value of plasma NGAL and intraoperative diuresis for AKI after major gynecological surgery in patients treated within an intraoperative goal-directed hemodynamic algorithm: A substudy of a randomized controlled trial. <i>Medicine (United States)</i> , 2017 , 96, e7357	1.8	7

315	Comparison of bedside assessed arm and leg fluid filtration determined by venous congestion plethysmography in perioperative cancer patients: An observational study investigating agreement. <i>Medicine (United States)</i> , 2017 , 96, e6066	1.8	
314	Psoas Versus Femoral Blocks: A Registry Analysis of Risks and Benefits. <i>Regional Anesthesia and Pain Medicine</i> , 2017 , 42, 719-724	3.4	4
313	Perioperative Management of Elderly Patients with Gastrointestinal Malignancies: The Contribution of Anesthesia. <i>Visceral Medicine</i> , 2017 , 33, 267-274	2.4	6
312	Comment on the PODCAST study. <i>Lancet, The</i> , 2017 , 390, 2345-2346	4.0	
311	application of Granulocyte-Macrophage Colony-stimulating Factor enhances postoperative qualitative monocytic function. <i>International Journal of Medical Sciences</i> , 2017 , 14, 367-375	3.7	5
310	Emergency Department-Initiated Tobacco Control: Update of a Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Preventing Chronic Disease</i> , 2017 , 14, E89	3.7	25
309	Influence of Volatile Anesthesia on the Release of Glutamate and other Amino Acids in the Nucleus Accumbens in a Rat Model of Alcohol Withdrawal: A Pilot Study. <i>PLoS ONE</i> , 2017 , 12, e0169017	3.7	4
308	Quality indicators in intensive care medicine for Germany - third edition 2017. <i>GMS German Medical Science</i> , 2017 , 15, Doc10	3.2	16
307	Transition from in-hospital ventilation to home ventilation: process description and quality indicators. <i>GMS German Medical Science</i> , 2017 , 15, Doc18	3.2	3
306	Cognitive Reserve and the Risk of Postoperative Cognitive Dysfunction. <i>Deutsches Arzteblatt International</i> , 2017 , 114, 110-117	2.5	56
305	Development and alignment of undergraduate medical curricula in a web-based, dynamic Learning Opportunities, Objectives and Outcome Platform (LOOOP). <i>Medical Teacher</i> , 2016 , 38, 369-77	3	20
304	No convincing association between post-operative delirium and post-operative cognitive dysfunction: a secondary analysis. <i>Acta Anaesthesiologica Scandinavica</i> , 2016 , 60, 1404-1414	1.9	23
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