

# Ozan Akca

## List of Publications by Citations

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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.

95  
papers

4,449  
citations

31  
h-index

66  
g-index

123  
ext. papers

5,012  
ext. citations

5.7  
avg. IF

4.83  
L-index

#	Paper	IF	Citations
95	Supplemental perioperative oxygen to reduce the incidence of surgical-wound infection. <i>New England Journal of Medicine</i> , <b>2000</b> , 342, 161-7	59.2	1352
94	Postoperative pain and subcutaneous oxygen tension. <i>Lancet, The</i> , <b>1999</b> , 354, 41-2	40	218
93	Aggressive warming reduces blood loss during hip arthroplasty. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 91, 978-84	3.9	183
92	Ondansetron is no more effective than supplemental intraoperative oxygen for prevention of postoperative nausea and vomiting. <i>Anesthesia and Analgesia</i> , <b>2001</b> , 92, 112-7	3.9	141
91	Dexmedetomidine and meperidine additively reduce the shivering threshold in humans. <i>Stroke</i> , <b>2003</b> , 34, 1218-23	6.7	134
90	Effect of Aspirin on Development of ARDS in At-Risk Patients Presenting to the Emergency Department: The LIPS-A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 2406-14	27.4	132
89	Perioperative supplemental oxygen therapy and surgical site infection: a meta-analysis of randomized controlled trials. <i>Archives of Surgery</i> , <b>2009</b> , 144, 359-66; discussion 366-7		131
88	Comparable postoperative pulmonary atelectasis in patients given 30% or 80% oxygen during and 2 hours after colon resection. <i>Anesthesiology</i> , <b>1999</b> , 91, 991-8	4.3	128
87	The new perilaryngeal airway (CobraPLA) is as efficient as the laryngeal mask airway (LMA) but provides better airway sealing pressures. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 272-278	3.9	111
86	Sevoflurane-induced preconditioning protects against cerebral ischemic neuronal damage in rats. <i>Brain Research</i> , <b>2005</b> , 1034, 147-52	3.7	98
85	Hypercapnia improves tissue oxygenation. <i>Anesthesiology</i> , <b>2002</b> , 97, 801-6	4.3	95
84	Insufficiency in a new temporal-artery thermometer for adult and pediatric patients. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 67-71, table of contents	3.9	91
83	Supplemental intravenous crystalloid administration does not reduce the risk of surgical wound infection. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 1546-1553	3.9	81
82	Magnesium sulphate only slightly reduces the shivering threshold in humans. <i>British Journal of Anaesthesia</i> , <b>2005</b> , 94, 756-62	5.4	81
81	The Influence of Protocol Pain and Risk on Patients' Willingness to Consent for Clinical Studies: A Randomized Trial. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 498-506	3.9	75
80	Risk factors for early-onset, ventilator-associated pneumonia in critical care patients: selected multiresistant versus nonresistant bacteria. <i>Anesthesiology</i> , <b>2000</b> , 93, 638-45	4.3	72
79	Effects of supplemental oxygen and dexamethasone on surgical site infection: a factorial randomized trial. <i>British Journal of Anaesthesia</i> , <b>2015</b> , 115, 434-43	5.4	68

78	Temperature Monitoring and Management During Neuraxial Anesthesia: An Observational Study. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 91, 662-666	3.9	66
77	Nitrous oxide and risk of surgical wound infection: a randomised trial. <i>Lancet, The</i> , <b>2005</b> , 366, 1101-7	4.0	65
76	Nonpharmacological prevention of surgical wound infections. <i>Clinical Infectious Diseases</i> , <b>2002</b> , 35, 1397-1404	4.0	64
75	Exposure to Sevoflurane and Nitrous Oxide During Four Different Methods of Anesthetic Induction. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 88, 925-929	3.9	60
74	Accuracy of postoperative end-tidal Pco2 measurements with mainstream and sidestream capnography in non-obese patients and in obese patients with and without obstructive sleep apnea. <i>Anesthesiology</i> , <b>2009</b> , 111, 609-15	4.3	58
73	Magnesium sulfate stops postanesthetic shivering. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 813, 799-806	6.5	55
72	Electro-acupuncture at the Zusanli, Yanglingquan, and Kunlun points does not reduce anesthetic requirement. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 98-102, table of contents	3.9	51
71	Shivering and shivering-like tremor during labor with and without epidural analgesia. <i>Anesthesiology</i> , <b>1999</b> , 90, 1609-16	4.3	50
70	Oxygen and surgical site infection: a study of underlying immunologic mechanisms. <i>Anesthesiology</i> , <b>2010</b> , 113, 369-77	4.3	50
69	Nitrous oxide increases the incidence of bowel distension in patients undergoing elective colon resection. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2004</b> , 48, 894-8	1.9	45
68	Effect of intra-operative end-tidal carbon dioxide partial pressure on tissue oxygenation. <i>Anaesthesia</i> , <b>2003</b> , 58, 536-42	6.6	45
67	Ventilator-associated pneumonia in critically ill stroke patients: frequency, risk factors, and outcomes. <i>Journal of Critical Care</i> , <b>2011</b> , 26, 273-9	4	40
66	Early postoperative subcutaneous tissue oxygen predicts surgical site infection. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 111, 946-52	3.9	38
65	Optimizing the intraoperative management of carbon dioxide concentration. <i>Current Opinion in Anaesthesiology</i> , <b>2006</b> , 19, 19-25	2.9	32
64	Teaching aseptic technique for central venous access under ultrasound guidance: a randomized trial comparing didactic training alone to didactic plus simulation-based training. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 114, 626-33	3.9	29
63	Initial experience with a novel heat-exchanging catheter in neurosurgical patients. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 1752-6, table of contents	3.9	29
62	The timing of acupuncture stimulation does not influence anesthetic requirement. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 100, 387-392	3.9	25
61	Onset Time, Recovery Duration, and Drug Cost with Four Different Methods of Inducing General Anesthesia. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 88, 930-935	3.9	25

60	Is video laryngoscope-assisted flexible tracheoscope intubation feasible for patients with predicted difficult airway? A prospective, randomized clinical trial. <i>Anesthesia and Analgesia</i> , <b>2014</b> , 118, 1259-65	3.9	23
59	Perioperative Supplemental Oxygen Does Not Worsen Long-Term Mortality of Colorectal Surgery Patients. <i>Anesthesia and Analgesia</i> , <b>2016</b> , 122, 1907-11	3.9	22
58	Effects of nitrous oxide on intraoperative bowel distension. <i>Current Opinion in Anaesthesiology</i> , <b>2005</b> , 18, 620-4	2.9	21
57	Effects of dexmedetomidine and propofol on lower esophageal sphincter and gastroesophageal pressure gradient in healthy volunteers. <i>Anesthesiology</i> , <b>2010</b> , 112, 19-24	4.3	20
56	WHO Needs High FIO <sub>2</sub> ?. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , <b>2017</b> , 45, 181-192	0.7	19
55	Hypercapnia and surgical site infection: a randomized trial. <i>British Journal of Anaesthesia</i> , <b>2013</b> , 111, 759-67	3.7	18
54	The effect of aminophylline on loss of consciousness, bispectral index, propofol requirement, and minimum alveolar concentration of desflurane in volunteers. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 110, 449-54	3.9	18
53	Tissue oxygenation response to mild hypercapnia during cardiopulmonary bypass with constant pump output. <i>British Journal of Anaesthesia</i> , <b>2006</b> , 96, 708-14	5.4	16
52	Teaching basic fiberoptic intubation skills in a simulator: initial learning and skills decay. <i>Journal of Anesthesia</i> , <b>2016</b> , 30, 12-9	2.2	16
51	Minute Sphere Acupressure Does Not Reduce Postoperative Pain or Morphine Consumption. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 493-497	3.9	15
50	Syndrome of inappropriate antidiuretic hormone (SIADH) secretion caused by squamous cell carcinoma of the nasopharynx: case report. <i>Clinical and Experimental Otorhinolaryngology</i> , <b>2008</b> , 1, 110-23	3.4	12
49	Onset time, recovery duration, and drug cost with four different methods of inducing general anesthesia. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 88, 930-5	3.9	12
48	Correlation between bispectral index, observational sedation scale, and lower esophageal sphincter pressure in volunteers using dexmedetomidine or propofol. <i>Medical Science Monitor</i> , <b>2012</b> , 18, CR593-6	3.2	12
47	Prehospital use of inhaled steroids and incidence of acute lung injury among patients at risk. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 985-91	4	11
46	Transdermal oxygen does not improve sternal wound oxygenation in patients recovering from cardiac surgery. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 1619-26	3.9	11
45	Hypercapnia: is it protective in lung injury?. <i>Medical Gas Research</i> , <b>2013</b> , 3, 23	2.2	10
44	Minute sphere acupressure does not reduce postoperative pain or morphine consumption. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 493-7, table of contents	3.9	10
43	Use of cerebral oximetry to detect and manage cerebral desaturation with a rapidly expanding neck hematoma. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2002</b> , 46, 607-8	1.9	9

42	CobraPLA as a conduit for flexible bronchoscopy in a child under general anaesthesia. <i>British Journal of Anaesthesia</i> , <b>2005</b> , 94, 548-9	5.4	9
41	Preadmission Use of Inhaled Corticosteroids Is Associated With a Reduced Risk of Direct Acute Lung Injury/Acute Respiratory Distress Syndrome. <i>Chest</i> , <b>2011</b> , 140, 912A	5.3	8
40	The influence of protocol pain and risk on patients' willingness to consent for clinical studies: a randomized trial. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 498-506, table of contents	3.9	8
39	Can transnasal flexible fiberoptic laryngoscopy contribute to airway management decisions?. <i>Anesthesia and Analgesia</i> , <b>2011</b> , 112, 519-20	3.9	7
38	Chewing gum on a Laryngeal Mask Airway. <i>Anesthesiology</i> , <b>2002</b> , 97, 1647-8	4.3	7
37	Outcomes and Risk Factors for Cardiovascular Events in Hospitalized COVID-19 Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2021</b> , 35, 3581-3593	2.1	7
36	Pain and Tissue Oxygenation. <i>Critical Care Medicine</i> , <b>2015</b> , 43, e462-3	1.4	6
35	Endotracheal tube cuff leak: can optimum management of cuff pressure prevent pneumonia?. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1624-6	1.4	6
34	Exposure to sevoflurane and nitrous oxide during four different methods of anesthetic induction. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 88, 925-9	3.9	6
33	Is Microthrombosis the Main Pathology in Coronavirus Disease 2019 Severity?-A Systematic Review of the Postmortem Pathologic Findings <b>2021</b> , 3, e0427		6
32	Family-Support Intervention in the ICU. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 1285	59.2	6
31	Hyperoxia: is it a biomarker for mortality?. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1873-4	14.5	5
30	Short-Term Outcomes of Patients With COVID-19 Undergoing Invasive Mechanical Ventilation: A Retrospective Observational Study From Wuhan, China. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 571542	4.9	5
29	Management of Acute Ischemic Stroke-Specific Focus on Anesthetic Management for Mechanical Thrombectomy. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 131, 1124-1134	3.9	4
28	Acute Respiratory Distress Syndrome and Time to Weaning Off the Invasive Mechanical Ventilator among Patients with COVID-19 Pneumonia. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	4
27	Supplemental oxygen and risk of surgical site infection. <i>JAMA - Journal of the American Medical Association</i> , <b>2004</b> , 291, 1956-7; author reply 1958-9	27.4	4
26	Hypercapnia and ventilator-induced diaphragmatic dysfunction. <i>Critical Care</i> , <b>2013</b> , 17, 129	10.8	3
25	Core temperature measurements through a new airway device, perilaryngeal airway (CobraPLA). <i>Journal of Clinical Anesthesia</i> , <b>2005</b> , 17, 358-62	1.9	3

24	Hypercapnia: what is the upper limit?. <i>Paediatric Anaesthesia</i> , <b>2005</b> , 15, 80-1	1.8	3
23	Managing intraoperative blood pressure with norepinephrine: effects on perfusion and oxygenation of the intestinal tract. <i>Anesthesiology</i> , <b>2011</b> , 114, 488-9	4.3	3
22	Video Laryngoscopy for Endotracheal Intubation of Critically Ill Adults-Role of Different Blades and Stylets. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e461-e463	1.4	2
21	Teaching basic lung isolation skills on human anatomy simulator: attainment and retention of lung isolation skills. <i>BMC Anesthesiology</i> , <b>2016</b> , 16, 7	2.4	2
20	527. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 133	1.4	2
19	Bispectral index dynamics during propofol hypnosis is similar in red-haired and dark-haired subjects. <i>Anesthesia and Analgesia</i> , <b>2013</b> , 116, 319-26	3.9	2
18	Evaluation of a New m-Opioid Antagonist for the Management of Postoperative Ileus; Additional Phase II Study Results. <i>Anesthesiology</i> , <b>2002</b> , 96, A452	4.3	2
17	Association of Early Oxygenation Levels with Mortality in Acute Ischemic Stroke - A Retrospective Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2020</b> , 29, 104556	2.8	2
16	High intraoperative oxygen use-context matters. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 197-198	5.4	1
15	CAGS and ACS evidence based reviews in surgery. 36. Effect of high perioperative oxygen fraction on surgical site infection. <i>Canadian Journal of Surgery</i> , <b>2011</b> , 54, 67-9	2	1
14	Ventilator-associated pneumonia by multidrug-resistant bacteria: pathogen-specific risks versus care-related risks. <i>Journal of Critical Care</i> , <b>2007</b> , 22, 26-7	4	1
13	Abstract TP299: Early Mortality Prediction in Ischemic Stroke. <i>Stroke</i> , <b>2018</b> , 49,	6.7	1
12	Association and predictive value of biomarkers with severe outcomes in hospitalized patients with SARS-CoV-2 infection. <i>Cytokine</i> , <b>2022</b> , 149, 155755	4	1
11	Blood Pressure Management Following Large Vessel Occlusion Strokes: A Narrative Review. <i>Balkan Medical Journal</i> , <b>2020</b> , 37, 253-259	1.5	1
10	Lower tidal volumes and positive end-expiratory pressure prevents alveolar coagulation in patients without lung injury. <i>Anesthesiology</i> , <b>2007</b> , 106, 1065-6	4.3	1
9	Early Prediction of Prognosis in Elderly Acute Stroke Patients <b>2019</b> , 1, e0007		1
8	704. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 332	1.4	1
7	Trends in Racial and Ethnic Diversity in Vascular Neurology Fellowships From 2006 to 2018: A Cross-Sectional Analysis.. <i>Stroke</i> , <b>2022</b> , STROKEAHA121035481	6.7	0

- 6 Bispectral Index Dynamics During Propofol Hypnosis Is Similar in Red-Haired and Dark-Haired Subjects. *Survey of Anesthesiology*, **2015**, 59, 17-18
- 5 Right-Sided Pleural Effusion in a Critically Ill Stroke Patient. *Journal of Investigative Medicine High Impact Case Reports*, **2014**, 2, 2324709614523258 1.2
- 4 Valve leaks with new disposable extraglottic airway devices. *Anesthesiology*, **2006**, 104, 615; author reply 615 4.3
- 3 INTRAOPERATIVE PCO<sub>2</sub> AND TISSUE OXYGENATION □ *Anesthesiology*, **2002**, 97, B16-B16 4.3
- 2 Lower Respiratory Tract (LRT) Infection. *Anesthesiology*, **2001**, 94, 1152-1153 4.3
- 1 A case of aphemia following non-dominant sub-insular stroke: unveiling the Foix-Chavany-Marie phenomenon. *Neurocase*, **2021**, 27, 281-286 0.8