

Peter H Tonner

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.

41
papers

1,761
citations

22
h-index

41
g-index

47
ext. papers

1,984
ext. citations

3.7
avg, IF

4.04
L-index

#	Paper	IF	Citations
41	Dexmedetomidine in anaesthesia. <i>Current Opinion in Anaesthesiology</i> , 2005 , 18, 412-8	2.9	138
40	Heart rate variability predicts severe hypotension after spinal anesthesia for elective cesarean delivery. <i>Anesthesiology</i> , 2005 , 102, 1086-93	4.3	116
39	Neuroendocrine stress response and heart rate variability: a comparison of total intravenous versus balanced anesthesia. <i>Anesthesia and Analgesia</i> , 2005 , 101, 1700-1705	3.9	112
38	Overlapping induction of anesthesia: an analysis of benefits and costs. <i>Anesthesiology</i> , 2005 , 103, 391-400	4.3	102
37	Heart rate variability-guided prophylactic treatment of severe hypotension after subarachnoid block for elective cesarean delivery. <i>Anesthesiology</i> , 2006 , 104, 635-43	4.3	94
36	Sevoflurane but not propofol preserves myocardial function during minimally invasive direct coronary artery bypass surgery. <i>Anesthesia and Analgesia</i> , 2005 , 100, 610-616	3.9	90
35	The effects of dexmedetomidine on perinatal excitotoxic brain injury are mediated by the alpha2A-adrenoceptor subtype. <i>Anesthesia and Analgesia</i> , 2006 , 102, 456-61	3.9	85
34	The reliability of pulse contour-derived cardiac output during hemorrhage and after vasopressor administration. <i>Anesthesia and Analgesia</i> , 2007 , 105, 107-13	3.9	80
33	Heart rate variability predicts severe hypotension after spinal anesthesia. <i>Anesthesiology</i> , 2006 , 104, 537-45	4.3	80
32	Propofol infusion syndrome in anaesthesia and intensive care medicine. <i>Current Opinion in Anaesthesiology</i> , 2006 , 19, 404-10	2.9	78
31	Comparison of esophageal Doppler, pulse contour analysis, and real-time pulmonary artery thermodilution for the continuous measurement of cardiac output. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2004 , 18, 185-9	2.1	77
30	Multicenter randomized comparison of xenon and isoflurane on left ventricular function in patients undergoing elective surgery. <i>Anesthesiology</i> , 2007 , 106, 463-71	4.3	75
29	Activation of alpha 2B-adrenoceptors mediates the cardiovascular effects of etomidate. <i>Anesthesiology</i> , 2003 , 99, 889-95	4.3	71
28	Comparison of two bispectral index algorithms in monitoring sedation in postoperative intensive care patients. <i>Critical Care Medicine</i> , 2005 , 33, 580-4	1.4	64
27	Meperidine exerts agonist activity at the alpha(2B)-adrenoceptor subtype. <i>Anesthesiology</i> , 2002 , 96, 1420-6	4.3	55
26	Alpha2-adrenoceptor agonists in anaesthesia: a new paradigm. <i>Current Opinion in Anaesthesiology</i> , 2000 , 13, 437-42	2.9	55
25	Evidence and consensus-based German guidelines for the management of analgesia, sedation and delirium in intensive care--short version. <i>GMS German Medical Science</i> , 2010 , 8, Doc02	3.2	54

24	Paracetamol versus metamizol in the treatment of postoperative pain after breast surgery: a randomized, controlled trial. <i>European Journal of Anaesthesiology</i> , 2009 , 26, 648-53	2.3	43
23	Clinical perspectives of alpha-2 adrenoceptor agonists. <i>Current Opinion in Anaesthesiology</i> , 1996 , 9, 471-480		41
22	Sedation and analgesia in the intensive care unit. <i>Current Opinion in Anaesthesiology</i> , 2003 , 16, 113-21	2.9	38
21	Effect of Xenon Anesthesia Compared to Sevoflurane and Total Intravenous Anesthesia for Coronary Artery Bypass Graft Surgery on Postoperative Cardiac Troponin Release: An International, Multicenter, Phase 3, Single-blinded, Randomized Noninferiority Trial. <i>Anesthesiology</i> , 2017 , 127, 918-933	4.3	27
20	Monitoring consciousness in intensive care medicine. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2006 , 20, 191-200	4	24
19	Effects of clonidine and midazolam premedication on bispectral index and recovery after elective surgery. <i>European Journal of Anaesthesiology</i> , 2009 , 26, 603-10	2.3	22
18	A comparison of transcranial Doppler with near infrared spectroscopy and indocyanine green during hemorrhagic shock: a prospective experimental study. <i>Critical Care</i> , 2006 , 10, R18	10.8	21
17	Meperidine, remifentanil and tramadol but not sufentanil interact with alpha(2)-adrenoceptors in alpha(2A)-, alpha(2B)- and alpha(2C)-adrenoceptor knock out mice brain. <i>European Journal of Pharmacology</i> , 2008 , 582, 70-7	5.3	15
16	The anesthetic effect of dexmedetomidine does not adhere to the Meyer-Overton rule but is reversed by hydrostatic pressure. <i>Anesthesia and Analgesia</i> , 1997 , 84, 618-22	3.9	13
15	Altered states of consciousness: processed EEG in mental disease. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2006 , 20, 57-67	4	13
14	Propofol sedation is reduced by delta9-tetrahydrocannabinol in mice. <i>Anesthesia and Analgesia</i> , 2008 , 107, 102-6	3.9	12
13	Interaction of the amyloid precursor like protein 1 with the alpha2A-adrenergic receptor increases agonist-mediated inhibition of adenylate cyclase. <i>Cellular Signalling</i> , 2006 , 18, 1748-57	4.9	12
12	The effect of meperidine on thermoregulation in mice: involvement of alpha2-adrenoceptors. <i>Anesthesia and Analgesia</i> , 2005 , 100, 102-106	3.9	11
11	Differential effects of alpha 2-adrenoceptors in the modulation of the thermoregulatory response in mice induced by meperidine. <i>Anesthesiology</i> , 2008 , 109, 95-100	4.3	8
10	Additives used to reduce perioperative opioid consumption 1: Alpha2-agonists. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2017 , 31, 505-512	4	5
9	A comparison of auditory evoked potentials derived from a monitor integrated module versus standard technique. <i>Journal of Neurosurgical Anesthesiology</i> , 2009 , 21, 120-6	3	5
8	Prediction of postoperative myocardial ischemia by fractal heart rate dynamics. <i>Anesthesia and Analgesia</i> , 2005 , 100, 289-290	3.9	5
7	The anesthetic effects of etomidate: species-specific interaction with alpha 2-adrenoceptors. <i>Anesthesia and Analgesia</i> , 2007 , 105, 1644-9, table of contents	3.9	3

6	The sinking brain: how to measure consciousness in anaesthesia. <i>Baillière's Best Practice and Research in Clinical Anaesthesiology</i> , 2006 , 20, 1-9	4	2
5	Dexmedetomidin in der Intensivmedizin. <i>Intensivmedizin Up2date</i> , 2012 , 8, 33-48	0.1	1
4	Letter regarding article by Hemingway et al, "Does autonomic function link social position to coronary risk? The Whitehall II study". <i>Circulation</i> , 2005 , 112, e368; author reply e368-9	16.7	1
3	Heart rate variability as a promising tool to predict hypotension. <i>Anesthesia and Analgesia</i> , 2006 , 103, 264	3.9	
2	An undiagnosed, massive pericardial effusion with a swinging heart. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006 , 20, 242-4	2.1	
1	Analgosedierung in der Intensivmedizin 2015 , 123-134		