

Edgmar Tassonyi

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,051
citations

201674

27
h-index

243625

44
g-index

72
all docs

72
docs citations

72
times ranked

1252
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fentanyl, alfentanil, remifentanyl and sufentanyl on loss of consciousness and bispectral index during propofol induction of anaesthesia. <i>British Journal of Anaesthesia</i> , 2001, 86, 523-527.	3.4	178
2	The role of nicotinic acetylcholine receptors in the mechanisms of anesthesia. <i>Brain Research Bulletin</i> , 2002, 57, 133-150.	3.0	130
3	Clinically Relevant Concentrations of Propofol but Not Midazolam Alter <i>In Vitro</i> Dendritic Development of Isolated γ -Aminobutyric Acid-positive Interneurons. <i>Anesthesiology</i> , 2005, 102, 970-976.	2.5	109
4	Quantitative Sensory Testing and Human Surgery. <i>Anesthesiology</i> , 2003, 98, 1214-1222.	2.5	101
5	Effect of Ketamine on Dendritic Arbor Development and Survival of Immature GABAergic Neurons <i>In Vitro</i> . <i>Toxicological Sciences</i> , 2006, 91, 540-549.	3.1	94
6	Preoperative back pain is associated with diverse manifestations of central neuroplasticity. <i>Pain</i> , 2002, 97, 189-194.	4.2	93
7	Interaction of magnesium sulphate with vecuronium-induced neuromuscular block. <i>British Journal of Anaesthesia</i> , 1995, 74, 405-409.	3.4	92
8	Reversal of Neuromuscular Blockade with Sugammadex at the Reappearance of Four Twitches to Train-of-four Stimulation. <i>Anesthesiology</i> , 2013, 119, 36-42.	2.5	66
9	Intubating conditions and time course of rocuronium-induced neuromuscular block in children. <i>British Journal of Anaesthesia</i> , 1996, 77, 335-338.	3.4	60
10	Blockade and Activation of the Human Neuronal Nicotinic Acetylcholine Receptors by Atracurium and Laudanosine. <i>Anesthesiology</i> , 2001, 94, 643-651.	2.5	60
11	MAC-AWAKE OF ISOFLURANE, ENFLURANE AND HALOTHANE EVALUATED BY SLOW AND FAST ALVEOLAR WASHOUT. <i>British Journal of Anaesthesia</i> , 1992, 68, 81-84.	3.4	58
12	Low concentrations of ketamine initiate dendritic atrophy of differentiated GABAergic neurons in culture. <i>Toxicology</i> , 2007, 234, 216-226.	4.2	57
13	A Needle-Free Jet-Injection System with Lidocaine for Peripheral Intravenous Cannula Insertion: A Randomized Controlled Trial with Cost-Effectiveness Analysis. <i>Anesthesia and Analgesia</i> , 2003, 96, 215-219.	2.2	55
14	Magnesium sulphate enhances residual neuromuscular block induced by vecuronium. <i>British Journal of Anaesthesia</i> , 1996, 76, 565-566.	3.4	54
15	Cardiovascular Effects of Pipecuronium and Pancuronium in Patients Undergoing Coronary Artery Bypass Grafting. <i>Anesthesiology</i> , 1988, 69, 793-796.	2.5	44
16	Impact of reversal strategies on the incidence of postoperative residual paralysis after rocuronium relaxation without neuromuscular monitoring. <i>European Journal of Anaesthesiology</i> , 2017, 34, 609-616.	1.7	43
17	Surgical pain is followed not only by spinal sensitization but also by supraspinal antinociception. <i>British Journal of Anaesthesia</i> , 1996, 76, 816-821.	3.4	42
18	Efficacy of Sugammadex for the Reversal of Moderate and Deep Rocuronium-induced Neuromuscular Block in Patients Pretreated with Intravenous Magnesium. <i>Anesthesiology</i> , 2014, 121, 59-67.	2.5	41

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19	Pipecurionium-induced Meeting Abstracts during Nitrous Oxide-Fentanyl, Isoflurane, and Halothane Anesthesia in Adults and Children. <i>Anesthesiology</i> , 1989, 71, 210-213.	2.5	40
20	Cerebrospinal fluid concentrations of atracurium, laudanosine and vecuronium following clinical subarachnoid hemorrhage. <i>Acta Anaesthesiologica Scandinavica</i> , 2002, 46, 1236-1241.	1.6	37
21	Effect of Volatile Anesthetics on Vecuronium-Induced Neuromuscular Blockade in Children. <i>Anesthesia and Analgesia</i> , 1990, 70, 248-252.	2.2	35
22	Cardiovascular and endocrine effects of clonidine premedication in neurosurgical patients. <i>Canadian Journal of Anaesthesia</i> , 1991, 38, 837-843.	1.6	32
23	Impact of the intubation model on the efficacy of rocuronium during rapid sequence intubation: systematic review of randomized trials. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 848-857.	1.6	30
24	Sensory Changes and Pain After Abdominal Hysterectomy. <i>Anesthesia and Analgesia</i> , 1998, 86, 95-101.	2.2	29
25	Plasma Concentrations of Laudanosine, but Not of Atracurium, Are Increased during the Anhepatic Phase of Orthotopic Liver Transplantation in Pigs. <i>Anesthesiology</i> , 1990, 72, 145-152.	2.5	28
26	Effect of magnesium, high altitude and acute mountain sickness on blood flow velocity in the middle cerebral artery. <i>Clinical Science</i> , 2004, 106, 279-285.	4.3	28
27	Modulation of synaptic transmission by nicotine and nicotinic antagonists in hippocampus. <i>Brain Research Bulletin</i> , 1999, 48, 623-628.	3.0	27
28	Reversal of Vecuronium-induced Neuromuscular Blockade with Low-dose Sugammadex at Train-of-four Count of Four. <i>Anesthesiology</i> , 2017, 127, 441-449.	2.5	27
29	Fiberoptically Guided Intubation in Children with Gangrenous Stomatitis (Noma). <i>Anesthesiology</i> , 1990, 73, 348-349.	2.5	23
30	Suitability of a preserved human cadaver model for the simulation of facemask ventilation, direct laryngoscopy and tracheal intubation: a laboratory investigation. <i>British Journal of Anaesthesia</i> , 2016, 116, 417-422.	3.4	21
31	Ipsilateral and Simultaneous Comparison of Responses from Acceleromyography- and Electromyography-based Neuromuscular Monitors. <i>Anesthesiology</i> , 2021, 135, 597-611.	2.5	21
32	Reversal of Pipecurionium-Induced Moderate Neuromuscular Block with Sugammadex in the Presence of a Sevoflurane Anesthetic. <i>Anesthesia and Analgesia</i> , 2015, 121, 373-380.	2.2	19
33	Induction characteristics of 2% propofol in children. <i>British Journal of Anaesthesia</i> , 1997, 78, 433-435.	3.4	18
34	Antagonism of vecuronium-induced neuromuscular block in patients pretreated with magnesium sulphate: dose-effect relationship of neostigmine. <i>British Journal of Anaesthesia</i> , 1999, 82, 61-65.	3.4	18
35	Neuromuscular Effect of Pipecurionium Bromide in Infants and Children during Nitrous Oxide-Alfentanil Anesthesia. <i>Anesthesiology</i> , 1990, 72, 432-435.	2.5	17
36	Human cadavers preserved using Thiel's method for the teaching of fibreoptically guided intubation of the trachea: a laboratory investigation. <i>Anaesthesia</i> , 2018, 73, 65-70.	3.8	17

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37	PREOPERATIVE SEDATION BEFORE REGIONAL ANAESTHESIA: COMPARISON BETWEEN ZOLPIDEM, MIDAZOLAM AND PLACEBO. <i>British Journal of Anaesthesia</i> , 1990, 64, 670-674.	3.4	16
38	Ventricular Fibrillation following Local Application of Cocaine and Epinephrine for Nasal Surgery. <i>Orl</i> , 1992, 54, 160-162.	1.1	16
39	Effects of Neuromuscular Blocking Agents on Excitatory Transmission and Î³-Aminobutyric Acid-A-mediated Inhibition in the Rat Hippocampal Slice. <i>Anesthesiology</i> , 1998, 88, 1003-1013.	2.5	16
40	The effect of cigarette smoking on the hypnotic efficacy of propofol. <i>Anaesthesia</i> , 2006, 61, 826-831.	3.8	16
41	The effect of nalbuphine and droperidol on spontaneous movements during induction of anesthesia with propofol in children. <i>Journal of Clinical Anesthesia</i> , 1993, 5, 12-15.	1.6	15
42	Propofol 1% versus propofol 2% in children undergoing minor ENT surgery. <i>British Journal of Anaesthesia</i> , 2003, 90, 375-377.	3.4	15
43	Magnesium for the prevention and treatment of acute mountain sickness. <i>Clinical Science</i> , 2004, 106, 269-277.	4.3	15
44	Effects of Topical Laryngeal Lidocaine on Sympathetic Response to Rigid Panendoscopy under General Anesthesia. <i>Orl</i> , 1992, 54, 49-53.	1.1	10
45	Blood Transfusion Requirements in Otolaryngology-Head and Neck Surgery. <i>Acta Oto-Laryngologica</i> , 1998, 118, 744-747.	0.9	10
46	Mivacurium or Vecuronium for paediatric ENT surgery. <i>Der Anaesthesist</i> , 2000, 49, 387-391.	1.2	9
47	DOSE REQUIREMENTS AND PLASMA CONCENTRATIONS OF PIPECURONIUM DURING BILATERAL RENAL EXCLUSION AND ORTHOTOPIC LIVER TRANSPLANTATION IN PIGS. <i>British Journal of Anaesthesia</i> , 1990, 65, 779-785.	3.4	8
48	A comparison of pipecuronium with pancuronium on haemodynamic variables and plasma catecholamines in coronary artery bypass patients. <i>Canadian Journal of Anaesthesia</i> , 1994, 41, 469-474.	1.6	8
49	Pharmacokinetics of pipecuronium in infants, children and adults. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1995, 20, 203-208.	1.6	7
50	Reversal of Deep Pipecuronium-Induced Neuromuscular Block With Moderate Versus Standard Dose of Sugammadex: A Randomized, Double-Blind, Noninferiority Trial. <i>Anesthesia and Analgesia</i> , 2018, 127, 1344-1350.	2.2	5
51	Peri-operative administration of magnesium and its neuromuscular consequences. <i>European Journal of Anaesthesiology</i> , 2021, 38, 333-334.	1.7	5
52	Design and evaluation of artificial receptors for the reversal of neuromuscular block. <i>International Journal of Pharmaceutics</i> , 2017, 531, 512-520.	5.2	4
53	The effect of magnesium on the reversal of rocuronium-induced neuromuscular block with sugammadex: an ex vivo laboratory study. <i>BMC Anesthesiology</i> , 2019, 19, 64.	1.8	4
54	Pharmacokinetics of atracurium besylate in the pig after a single i.v. injection. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1989, 14, 299-302.	1.6	3

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55	The influence of cold on pain during intravenous induction of anaesthesia with propofol in children. Paediatric Anaesthesia, 1993, 3, 163-166.	1.1	3
56	Postoperative apnoea following nivalin administration. Der Anaesthetist, 1976, 25, 529-31.	1.2	3
57	Jugular Venous Desaturation Due to Epidural Hematoma After Craniotomy. Anesthesia and Analgesia, 1996, 82, 421-422.	2.2	2
58	Findings of Study of Needle-Free Jet-Injection System with Lidocaine Are Contrary To Published Reports: In Response. Anesthesia and Analgesia, 2004, 98, 1504-1505.	2.2	2
59	New technique using [125I]labeled rose bengal for the quantification in blood samples of pipecuronium bromide, a muscle relaxant drug. Journal of Labelled Compounds and Radiopharmaceuticals, 1991, 29, 547-556.	1.0	1
60	Current therapeutic strategies in severe acute pancreatitis. Intensive Care Medicine, 1991, 17, 189-190.	8.2	1
61	Intubation problems due to fiberoptic bronchoscope defect. Journal of Clinical Anesthesia, 2000, 12, 575-576.	1.6	1
62	Carboxymethyl- β -cyclodextrin, a novel selective relaxant binding agent for the reversal of neuromuscular block induced by aminosteroid neuromuscular blockers: an ex vivo laboratory study. BMC Anesthesiology, 2021, 21, 206.	1.8	1
63	Does Deep Neuromuscular Block Facilitate Laparoscopic Surgery? The Picture is Not Clear. Turkish Journal of Anaesthesiology and Reanimation, 2018, 46, 86-87.	0.8	1
64	Doxacurium pharmacodynamics in children during volatile and opioid-based anaesthesia. Anaesthesia, 1996, 51, 361-364.	3.8	0
65	21 Effects of atracurium, a neuromuscular blocking agent, on reconstituted human neuronal nicotinic acetylcholine receptors. Journal of Physiology (Paris), 1998, 92, 420-421.	2.1	0
66	Testing rocuronium-induced neuromuscular blockade at the stapedius muscle using stapedius reflex measurements. Acta Physiologica Hungarica, 2011, 98, 472-479.	0.9	0
67	In Reply. Anesthesiology, 2014, 120, 508-509.	2.5	0
68	Deep Neuromuscular Block Facilitates Laparoscopic Surgery- or Probably Does Not?. Turkish Journal of Anaesthesiology and Reanimation, 2018, 46, 73-74.	0.8	0