

Ignacio Garutti

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,734
citations

257450

24
h-index

98798

67
g-index

106
all docs

106
docs citations

106
times ranked

4244
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Postoperative Troponin Levels and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2295.	7.4	821
2	Myocardial Injury after Noncardiac Surgery. <i>Anesthesiology</i> , 2014, 120, 564-578.	2.5	740
3	Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1642.	7.4	579
4	Characteristics and Short-Term Prognosis of Perioperative Myocardial Infarction in Patients Undergoing Noncardiac Surgery. <i>Annals of Internal Medicine</i> , 2011, 154, 523.	3.9	557
5	Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 239-250.	10.7	325
6	Association between complications and death within 30 days after noncardiac surgery. <i>Cmaj</i> , 2019, 191, E830-E837.	2.0	181
7	Individualised perioperative open-lung approach versus standard protective ventilation in abdominal surgery (iPROVE): a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2018, 6, 193-203.	10.7	155
8	Arterial Oxygenation During One-Lung Ventilation. <i>Anesthesia and Analgesia</i> , 1999, 88, 494-499.	2.2	108
9	Postoperative pulmonary complications, pulmonary and systemic inflammatory responses after lung resection surgery with prolonged one-lung ventilation. Randomized controlled trial comparing intravenous and inhalational anaesthesia. <i>British Journal of Anaesthesia</i> , 2017, 119, 655-663.	3.4	91
10	Radial to femoral arterial blood pressure differences during liver transplantation. <i>Anaesthesia</i> , 2005, 60, 766-771.	3.8	55
11	Effects of Ventilatory Mode During One-Lung Ventilation on Intraoperative and Postoperative Arterial Oxygenation in Thoracic Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 770-774.	1.3	54
12	The Effects of Anesthetic Preconditioning with Sevoflurane in an Experimental Lung Autotransplant Model in Pigs. <i>Anesthesia and Analgesia</i> , 2011, 113, 742-748.	2.2	49
13	Early noninvasive measurement of the indocyanine green plasma disappearance rate accurately predicts early graft dysfunction and mortality after deceased donor liver transplantation. <i>Liver Transplantation</i> , 2009, 15, 1247-1253.	2.4	46
14	The Effects of an Open-Lung Approach During One-Lung Ventilation on Postoperative Pulmonary Complications and Driving Pressure: A Descriptive, Multicenter National Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2665-2672.	1.3	45
15	Sevoflurane anesthetic preconditioning protects the lung endothelial glycocalyx from ischemia reperfusion injury in an experimental lung autotransplant model. <i>Journal of Anesthesia</i> , 2016, 30, 755-762.	1.7	44
16	Troponin T monitoring to detect myocardial injury after noncardiac surgery: a cost-effectiveness analysis. <i>Canadian Journal of Surgery</i> , 2018, 61, 185-194.	1.2	44
17	Rationale and study design for an individualized perioperative open lung ventilatory strategy (iPROVE): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 193.	1.6	36
18	The Impact of Lung Recruitment on Hemodynamics During One-Lung Ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 506-508.	1.3	34

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19	Arterial Oxygenation During One-Lung Ventilation. <i>Anesthesia and Analgesia</i> , 1999, 88, 494-499.	2.2	31
20	Lidocaine Administration Controls MicroRNAs Alterations Observed After Lung Ischemiaâ€“Reperfusion Injury. <i>Anesthesia and Analgesia</i> , 2016, 123, 1437-1447.	2.2	31
21	Systemic and alveolar inflammatory response in the dependent and nondependent lung in patients undergoing lung resection surgery. <i>European Journal of Anaesthesiology</i> , 2015, 32, 872-880.	1.7	31
22	Intravenous Lidocaine Decreases Tumor Necrosis Factor Alpha Expression Both Locally and Systemically in Pigs Undergoing Lung Resection Surgery. <i>Anesthesia and Analgesia</i> , 2014, 119, 815-828.	2.2	30
23	Effects of oxygen on post-surgical infections during an individualised perioperative open-lung ventilatory strategy: a randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2020, 124, 110-120.	3.4	28
24	Paravertebral Ropivacaine, 0.3%, and Bupivacaine, 0.25%, Provide Similar Pain Relief After Thoracotomy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 644-647.	1.3	26
25	Fatal paradoxical air embolism during liver transplantation. <i>British Journal of Anaesthesia</i> , 2000, 84, 112-114.	3.4	25
26	Extravascular Lung Water and Pulmonary Vascular Permeability Index Measured at the End of Surgery Are Independent Predictors of Prolonged Mechanical Ventilation in Patients Undergoing Liver Transplantation. <i>Anesthesia and Analgesia</i> , 2015, 121, 736-745.	2.2	25
27	Early Measurement of Indocyanine Green Clearance Accurately Predicts Short-Term Outcomes After Liver Transplantation. <i>Transplantation</i> , 2016, 100, 613-620.	1.0	24
28	Persistent Incisional Pain after Noncardiac Surgery: An International Prospective Cohort Study. <i>Anesthesiology</i> , 2021, 135, 711-723.	2.5	24
29	Presence of methylated arginine derivatives in orthotopic human liver transplantation: Relevance for liver function. <i>Liver Transplantation</i> , 2003, 9, 40-48.	2.4	23
30	Subdural Spread of Local Anesthetic Agent following Thoracic Paravertebral Block and Cannulation. <i>Anesthesiology</i> , 2003, 98, 1005-1007.	2.5	22
31	Comparison of gas exchange after lung resection with a Boussignac CPAP or Venturi mask. <i>British Journal of Anaesthesia</i> , 2014, 112, 929-935.	3.4	22
32	Rationale and Study Design for an Individualized Perioperative Open Lung Ventilatory Strategy in Patients on One-Lung Ventilation (iPROVE-OLV). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2492-2502.	1.3	20
33	Effects of thoracic epidural meperidine on arterial oxygenation during one-lung ventilation in thoracic surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2003, 17, 302-305.	1.3	19
34	Residual neuromuscular blockade in the postanesthesia care unit: observational cross-sectional study of a multicenter cohort. <i>Minerva Anestesiologica</i> , 2016, 82, 1267-1277.	1.0	19
35	Association Between Myocardial Injury and Cardiovascular Outcomes of Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 880-888.	3.0	18
36	Autonomic neuropathy is associated with hemodynamic instability during human liver transplantation. <i>Transplantation Proceedings</i> , 2003, 35, 1866-1868.	0.6	17

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37	Thoracic paravertebral block after thoracotomy: comparison of three different approaches†. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 829-832.	1.4	17
38	Response to Clamping of the Inferior Vena Cava as a Factor for Predicting Postreperfusion Syndrome During Liver Transplantation. <i>Anesthesia and Analgesia</i> , 1997, 84, 254-259.	2.2	16
39	Sevoflurane Prevents Liver Inflammatory Response Induced by Lung Ischemia-Reperfusion. <i>Transplantation</i> , 2014, 98, 1151-1157.	1.0	16
40	Chemokine Involvement in Lung Injury Secondary to Ischaemia/Reperfusion. <i>Lung</i> , 2017, 195, 333-340.	3.3	16
41	Role of surgical manipulation in lung inflammatory response in a model of lung resection surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 870-877.	1.1	16
42	COVID-19 associated infections in the ICU setting: A retrospective analysis in a tertiary-care hospital. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2023, 41, 278-283.	0.5	14
43	Autonomic neuropathy in end-stage cirrhotic patients and evolution after liver transplantation. <i>Transplantation Proceedings</i> , 2003, 35, 1834-1835.	0.6	13
44	Ischaemic preconditioning prevents the liver inflammatory response to lung ischaemia/reperfusion in a swine lung autotransplant model€. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1194-1201.	1.4	13
45	Glycocalyx Degradation after Pulmonary Transplantation Surgery. <i>European Surgical Research</i> , 2018, 59, 115-125.	1.3	12
46	Haemodynamic monitoring and liver function evaluation by pulsion cold system Z-201 (PCS) during orthotopic liver transplantation. <i>Clinical Transplantation</i> , 2003, 17, 47-55.	1.6	11
47	Cardiac output by femoral arterial thermodilution-calibrated pulse contour analysis during liver transplantation: comparison with pulmonary artery thermodilution. <i>Transplantation Proceedings</i> , 2003, 35, 1920-1922.	0.6	11
48	Usefulness of combining clinical and biochemical parameters for prediction of postoperative pulmonary complications after lung resection surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 1043-1054.	1.6	10
49	Spontaneous recovery of neuromuscular blockade is an independent risk factor for postoperative pulmonary complications after abdominal surgery. <i>European Journal of Anaesthesiology</i> , 2020, 37, 203-211.	1.7	10
50	Hemodynamic Effects of Lidocaine in the Thoracic Paravertebral Space During One-Lung Ventilation for Thoracic Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 648-651.	1.3	9
51	Comparison of the Hemodynamic Effects of a Single 5 mg/kg Dose of Lidocaine With or Without Epinephrine for Thoracic Paravertebral Block. <i>Regional Anesthesia and Pain Medicine</i> , 2008, 33, 57-63.	2.3	8
52	A noninvasive postoperative clinical score to identify patients at risk for postoperative pulmonary complications: the Air-Test Score. <i>Minerva Anestesiologica</i> , 2020, 86, 404-415.	1.0	8
53	Presence of a nitric oxide synthase inhibitor in the graft efflux during reperfusion in human liver transplantation. <i>Clinical Transplantation</i> , 1999, 13, 221-230.	1.6	7
54	Modulation of monocyte chemoattractant protein-1 expression by ischaemic preconditioning in a lung autotransplant model. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 933-939.	1.4	7

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55	Rationale and study design for an individualised perioperative open-lung ventilatory strategy with a high versus conventional inspiratory oxygen fraction (iPROVE-O2) and its effects on surgical site infection: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e016765.	1.9	7
56	Possible unrecognised liver injury is associated with mortality in critically ill COVID-19 patients. <i>Therapeutic Advances in Gastroenterology</i> , 2021, 14, 175628482110234.	3.2	7
57	The effect of immediate postoperative Boussignac CPAP on adverse pulmonary events after thoracic surgery. <i>European Journal of Anaesthesiology</i> , 2021, 38, 164-170.	1.7	7
58	Comparison of the Hemodynamic Effects of a Single 5 mg/kg Dose of Lidocaine With or Without Epinephrine for Thoracic Paravertebral Block. <i>Regional Anesthesia and Pain Medicine</i> , 2008, 33, 57-63.	2.3	6
59	Deep versus moderate neuromuscular block during one-lung ventilation in lung resection surgery. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2017, 67, 288-293.	0.4	5
60	Bloqueo neuromuscular residual en la sala de recuperaci3n postanest3sica. An3lisis secundario del estudio ReCuSS. Estudio observacional transversal de una cohorte multic3ntrica. <i>Revista Espa3ola De Anestesiolog3a Y Reanimaci3n</i> , 2017, 64, 419-422.	0.3	5
61	Effect of Intravenous Lidocaine on Inflammatory and Apoptotic Response of Ischemia-Reperfusion Injury in Pigs Undergoing Lung Resection Surgery. <i>BioMed Research International</i> , 2021, 2021, 1-9.	1.9	5
62	Effect of intraoperative paravertebral or intravenous lidocaine versus control during lung resection surgery on postoperative complications: A randomized controlled trial. <i>Trials</i> , 2019, 20, 622.	1.6	4
63	Modulation of CCL2 Expression by Laparoscopic Versus Open Surgery for Colorectal Cancer Surgery. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2019, 29, 101-108.	0.8	4
64	Influence of postoperative complications on long-term outcome after oncologic lung resection surgery. Substudy of a randomized control trial. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1183-1192.	1.6	4
65	Searching the Preferred Anesthetic Technique During One-Lung-Ventilation. <i>Anesthesia and Analgesia</i> , 2002, 94, 1041-1042.	2.2	3
66	Programa de rehabilitaci3n multimodal en cirug3a tor3cica. <i>Archivos De Bronconeumologia</i> , 2015, 51, 159-160.	0.8	3
67	Are high-sensitivity troponins always reliable? Donor-recipient troponin transfusion in liver transplantation. <i>British Journal of Anaesthesia</i> , 2018, 121, 1212-1214.	3.4	3
68	The effect of anesthetic preconditioning with sevoflurane on intracellular signal-transduction pathways and apoptosis, in a lung autotransplant experimental model. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019, 69, 48-57.	0.4	3
69	Intraoperative Troponin Elevation in Liver Transplantation Is Independently Associated With Mortality: A Prospective Observational Study. <i>Liver Transplantation</i> , 2020, 26, 681-692.	2.4	3
70	Reversal of paraplegia via cerebrospinal fluid drainage after abdominal aortic surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2002, 16, 471-472.	1.3	2
71	Predictive value of plasma cytokines for acute kidney injury following lung resection surgery: prospective observational study. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019, 69, 242-252.	0.4	2
72	Multimodal Rehabilitation Program in Thoracic Surgery. <i>Archivos De Bronconeumologia</i> , 2015, 51, 159-160.	0.8	1

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73	Lung-protective Role of Halogenated Anesthetics. <i>Anesthesiology</i> , 2017, 126, 756-756.	2.5	1
74	Behavior of stroke volume variation in hemodynamic stable patients during thoracic surgery with one-lung ventilation periods. <i>Brazilian Journal of Anesthesiology</i> (Elsevier), 2018, 68, 225-230.	0.4	1
75	Recomendaciones de la Sociedad Española de Cirugía Torácica y de la Sección de Cardiotorácica y Cirugía Vascular de la Sociedad Española de Anestesiología, Reanimación y Terapéutica del Dolor, para los pacientes sometidos a cirugía pulmonar incluidos en un programa de recuperación intensificada. <i>Revista Española De Anestesiología Y Reanimación</i> , 2022, 69, 208-241.	0.3	1
76	Arterial Oxygenation During One-Lung Ventilation: Combined Versus General Anesthesia. <i>Anesthesia and Analgesia</i> , 1999, 89, 1332.	2.2	0
77	Necrosis of a Colonic Graft after Oesophageal Replacement: Early Diagnosis by Automated Air Tonometry. <i>The European Journal of Surgery</i> , 2001, 167, 874-876.	0.9	0
78	Surgical Upper Thoracic Sympathectomy Reduces Arterial Oxygenation During One-Lung Ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 703-704.	1.3	0
79	Early transplanted liver performance and indocyanine green clearance. <i>Liver Transplantation</i> , 2010, 16, n/a-n/a.	2.4	0
80	Analytic comments of the initial results of the VISION (Vascular events In noncardiac Surgery patients) Trial. <i>Revista Española De Anestesiología Y Reanimación</i> , 2013, 60, 304-307.	0.3	0
81	Reply from the authors. <i>British Journal of Anaesthesia</i> , 2015, 114, 524-525.	3.4	0
82	Reply to. <i>European Journal of Anaesthesiology</i> , 2016, 33, 64.	1.7	0
83	Nuevas consideraciones anestésicas en cirugía torácica. <i>Revista Española De Anestesiología Y Reanimación</i> , 2018, 65, 125-128.	0.3	0
84	Perioperative Predictors of Acute Kidney Injury after Liver Transplantation and its Impact on Postoperative Outcome. <i>Transplantation</i> , 2018, 102, S857.	1.0	0
85	Effects of Intraoperative Infusion of Esmolol on Systemic and Pulmonary Inflammation in a Porcine Experimental Model of Lung Resection Surgery. <i>Anesthesia and Analgesia</i> , 2019, 128, 168-175.	2.2	0
86	Análisis y revisión del manejo perioperatorio del paciente COVID-19 en la cirugía torácica. <i>Revista Española De Anestesiología Y Reanimación</i> , 2021, 68, 369-371.	0.3	0
87	Efficacy of prophylactic CPAP on the immediate postoperative incidence of atelectasis/pneumonia after lung resection surgery. , 2016, , .		0
88	PROMOTING THE ACTIVE PARTICIPATION OF STUDENTS IN KNOWLEDGE CONSTRUCTION: AN EARLY START IN BIOMEDICAL RESEARCH. <i>INTED Proceedings</i> , 2017, , .	0.0	0
89	GENERATING KNOWLEDGE THROUGH THE INTEGRATION OF BASIC AND CLINICAL RESEARCH: FROM THE OPERATING THEATER TO THE LABORATORY. <i>INTED Proceedings</i> , 2017, , .	0.0	0
90	INTEGRATION OF SCIENTIFIC BASIC AND CLINICAL RESEARCH TRAINING INTO UNDERGRADUATE HEALTH SCIENCE EDUCATION: AN EXPERIENCE FROM THE COMPLUTENSE UNIVERSITY OF MADRID. , 2017, , .		0

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91	USE OF FORMAL DEBATE AS AN EDUCATIONAL INNOVATION TOOL FOR EARLY DEVELOPMENT OF COMMUNICATION SKILLS AND CRITICAL ANALYSIS OF HEALTH SCIENCE STUDENTS. , 2017, , .		0
92	PERCEPTIONS OF MEDICAL STUDENTS TOWARDS USING FORMAL DEBATE AS A STRATEGY TO IMPROVE CURRICULAR AND CROSS-CURRICULAR COMPETENCES. , 2018, , .		0
93	EVALUATION OF THE ACQUISITION OF COMPETENCES THROUGH AN EDUCATIONAL INNOVATION TOOL BASED ON FORMAL DEBATE. , 2018, , .		0
94	A SURVEY STUDY EXPLORING OPINIONS OF SECOND-YEAR MEDICAL STUDENTS ON THEIR PARTICIPATION IN A FORMAL DEBATE WITH FLIPPED CLASSROOM ACTIVITY. , 2019, , .		0