

# Xavier Capdevila

## List of Publications by Citations

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189  
papers

7,613  
citations

44  
h-index

84  
g-index

219  
ext. papers

8,971  
ext. citations

3.7  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
189	Clinical practice and risk factors for immediate complications of endotracheal intubation in the intensive care unit: a prospective, multiple-center study. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 2355-61	1.4	979
188	Effects of perioperative analgesic technique on the surgical outcome and duration of rehabilitation after major knee surgery. <i>Anesthesiology</i> , <b>1999</b> , 91, 8-15	4.3	799
187	Rapidly progressive diaphragmatic weakness and injury during mechanical ventilation in humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 364-71	10.2	433
186	Continuous peripheral nerve blocks in hospital wards after orthopedic surgery: a multicenter prospective analysis of the quality of postoperative analgesia and complications in 1,416 patients. <i>Anesthesiology</i> , <b>2005</b> , 103, 1035-45	4.3	406
185	Voluven, a lower substituted novel hydroxyethyl starch (HES 130/0.4), causes fewer effects on coagulation in major orthopedic surgery than HES 200/0.5. <i>Anesthesia and Analgesia</i> , <b>2001</b> , 92, 855-62	3.9	203
184	Continuous psoas compartment block for postoperative analgesia after total hip arthroplasty: new landmarks, technical guidelines, and clinical evaluation. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 94, 1606-13, table of contents	3.9	194
183	Continuous Psoas Compartment Block for Postoperative Analgesia After Total Hip Arthroplasty: New Landmarks, Technical Guidelines, and Clinical Evaluation. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 94, 1606-1613	3.9	166
182	Persistent Postsurgical Pain: Pathophysiology and Preventative Pharmacologic Considerations. <i>Anesthesiology</i> , <b>2018</b> , 129, 590-607	4.3	135
181	Sodium bicarbonate therapy for patients with severe metabolic acidaemia in the intensive care unit (BICAR-ICU): a multicentre, open-label, randomised controlled, phase 3 trial. <i>Lancet, The</i> , <b>2018</b> , 392, 31-40	4.0	134
180	Infectious risk of continuous peripheral nerve blocks. <i>Anesthesiology</i> , <b>2009</b> , 110, 182-8	4.3	125
179	Long-term sedation in intensive care unit: a randomized comparison between inhaled sevoflurane and intravenous propofol or midazolam. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 933-41	14.5	123
178	Effect of patient-controlled perineural analgesia on rehabilitation and pain after ambulatory orthopedic surgery: a multicenter randomized trial. <i>Anesthesiology</i> , <b>2006</b> , 105, 566-73	4.3	122
177	Continuous three-in-one block for postoperative pain after lower limb orthopedic surgery: where do the catheters go?. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 94, 1001-6, table of contents	3.9	120
176	Continuous peripheral nerve blocks at home for treatment of recurrent complex regional pain syndrome I in children. <i>Anesthesiology</i> , <b>2005</b> , 102, 387-91	4.3	117
175	Fatal and non fatal cardiac arrests related to anesthesia. <i>Canadian Journal of Anaesthesia</i> , <b>2001</b> , 48, 326-32	3.2	109
174	The perioperative validity of the visual analog anxiety scale in children: a discriminant and useful instrument in routine clinical practice to optimize postoperative pain management. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 109, 737-44	3.9	98
173	Adaptive support ventilation prevents ventilator-induced diaphragmatic dysfunction in piglet: an in vivo and in vitro study. <i>Anesthesiology</i> , <b>2010</b> , 112, 1435-43	4.3	83

172	Effects of controlled mechanical ventilation on respiratory muscle contractile properties in rabbits. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 103-10	14.5	81
171	Hydrocortisone and fludrocortisone for prevention of hospital-acquired pneumonia in patients with severe traumatic brain injury (Corti-TC): a double-blind, multicentre phase 3, randomised placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 706-16	35.1	75
170	Ultrasound-Guided Continuous Thoracic Erector Spinae Plane Block Within an Enhanced Recovery Program Is Associated with Decreased Opioid Consumption and Improved Patient Postoperative Rehabilitation After Open Cardiac Surgery-A Patient-Matched, Controlled Before-and-After Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2019</b> , 33, 1659-1667	2.1	69
169	Patient-controlled perineural analgesia after ambulatory orthopedic surgery: a comparison of electronic versus elastomeric pumps. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 414-7, table of contents	3.9	68
168	Clonidine prolongs spinal anesthesia in newborns: a prospective dose-ranging study. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 56-59	3.9	68
167	Approaches to the lumbar plexus: success, risks, and outcome. <i>Regional Anesthesia and Pain Medicine</i> , <b>2005</b> , 30, 150-62	3.4	67
166	Physical restraint in mechanically ventilated ICU patients: a survey of French practice. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 31-7	14.5	66
165	Effects of prolonged mechanical ventilation on respiratory muscle ultrastructure and mitochondrial respiration in rabbits. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 111-8	14.5	63
164	Thoracic Trauma Severity score on admission allows to determine the risk of delayed ARDS in trauma patients with pulmonary contusion. <i>Injury</i> , <b>2016</b> , 47, 147-53	2.5	62
163	Continuous peripheral nerve blocks for postoperative analgesia in children: feasibility and side effects in a cohort study of 339 catheters. <i>Canadian Journal of Anaesthesia</i> , <b>2009</b> , 56, 843-50	3	62
162	Continuous epidural block versus continuous popliteal nerve block for postoperative pain relief after major podiatric surgery in children: a prospective, comparative randomized study. <i>Anesthesia and Analgesia</i> , <b>2006</b> , 102, 744-9	3.9	62
161	Aprotinin Versus Placebo in Major Orthopedic Surgery: A Randomized, Double-Blinded, Dose-Ranging Study. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 287-293	3.9	62
160	Changes in breathing pattern and respiratory muscle performance parameters during difficult weaning. <i>Critical Care Medicine</i> , <b>1998</b> , 26, 79-87	1.4	61
159	Ultrasound-guided evaluation of the local anesthetic spread parameters required for a rapid surgical popliteal sciatic nerve block. <i>Regional Anesthesia and Pain Medicine</i> , <b>2010</b> , 35, 559-64	3.4	59
158	Patient-Controlled Perineural Analgesia After Ambulatory Orthopedic Surgery: A Comparison of Electronic Versus Elastomeric Pumps. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 414-417	3.9	52
157	Bilateral suprazygomatic maxillary nerve block for cleft palate repair in children: a prospective, randomized, double-blind study versus placebo. <i>Anesthesiology</i> , <b>2014</b> , 120, 1362-9	4.3	52
156	Perioperative continuous peripheral nerve blocks with disposable infusion pumps in children: a prospective descriptive study. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 97, 687-690	3.9	51
155	Femoral nerve block for analgesia in patients having knee arthroplasty. <i>Anesthesiology</i> , <b>2010</b> , 113, 1014-5.3	4.3	49

154	Ultrasound guidance characteristics and efficiency of suprazygomatic maxillary nerve blocks in infants: a descriptive prospective study. <i>Paediatric Anaesthesia</i> , <b>2012</b> , 22, 841-6	1.8	48
153	A new approach for peri-operative analgesia of cleft palate repair in infants: the bilateral suprazygomatic maxillary nerve block. <i>Paediatric Anaesthesia</i> , <b>2010</b> , 20, 343-9	1.8	48
152	Noninvasive monitoring of blood pressure in the critically ill: reliability according to the cuff site (arm, thigh, or ankle). <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1207-13	1.4	48
151	Performance characteristics of five new anesthesia ventilators and four intensive care ventilators in pressure-support mode: a comparative bench study. <i>Anesthesiology</i> , <b>2006</b> , 105, 944-52	4.3	47
150	Postoperative analgesia after total-hip arthroplasty: Comparison of intravenous patient-controlled analgesia with morphine and single injection of femoral nerve or psoas compartment block. a prospective, randomized, double-blind study. <i>Regional Anesthesia and Pain Medicine</i> , <b>2004</b> , 29, 102-9	3.4	47
149	Postoperative Analgesia After Total-Hip Arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , <b>2004</b> , 29, 102-109	3.4	46
148	Effects of short vs. prolonged mechanical ventilation on antioxidant systems in piglet diaphragm. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 1427-33	14.5	45
147	Estimation and pharmacodynamic consequences of the minimum effective anesthetic volumes for median and ulnar nerve blocks: a randomized, double-blind, controlled comparison between ultrasound and nerve stimulation guidance. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 111, 1059-64	3.9	44
146	Effects of intermittent femoral nerve injections of bupivacaine, levobupivacaine, and ropivacaine on mitochondrial energy metabolism and intracellular calcium homeostasis in rat psoas muscle. <i>Anesthesiology</i> , <b>2007</b> , 106, 1026-34	4.3	44
145	Continuous peripheral nerve blocks in clinical practice. <i>Current Opinion in Anaesthesiology</i> , <b>2008</b> , 21, 619-23		43
144	Acute neck cellulitis and mediastinitis complicating a continuous interscalene block. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 107, 1419-21	3.9	42
143	Acute kidney injury in the critically ill: is iodinated contrast medium really harmful?. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1017-26	1.4	40
142	A review of pediatric regional anesthesia practice during a 17-year period in a single institution. <i>Paediatric Anaesthesia</i> , <b>2007</b> , 17, 874-80	1.8	39
141	Clonidine added to bupivacaine in neonatal spinal anesthesia: a prospective comparison in 124 preterm and term infants. <i>Paediatric Anaesthesia</i> , <b>2005</b> , 15, 1072-7	1.8	39
140	The Effects of Cervical Epidural Anesthesia with Bupivacaine on Pulmonary Function in Conscious Patients. <i>Anesthesia and Analgesia</i> , <b>1998</b> , 86, 1033-1038	3.9	39
139	Causes and prediction of maldistribution during continuous spinal anesthesia with isobaric or hyperbaric bupivacaine. <i>Anesthesiology</i> , <b>1998</b> , 88, 1487-94	4.3	38
138	From analgesia to myopathy: When local anesthetics impair the mitochondrion. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 14-9	5.6	36
137	Local anesthetic 'in-situ' toxicity during peripheral nerve blocks: update on mechanisms and prevention. <i>Current Opinion in Anaesthesiology</i> , <b>2012</b> , 25, 589-95	2.9	36

136	Age-dependent bupivacaine-induced muscle toxicity during continuous peripheral nerve block in rats. <i>Anesthesiology</i> , <b>2009</b> , 111, 1120-7	4.3	36
135	Effectiveness of Epidural Analgesia, Continuous Surgical Site Analgesia, and Patient-Controlled Analgesic Morphine for Postoperative Pain Management and Hyperalgesia, Rehabilitation, and Health-Related Quality of Life After Open Nephrectomy: A Prospective, Randomized, Controlled Study. <i>Anesthesia and Analgesia</i> , <b>2017</b> , 124, 336-345	3.9	34
134	Postoperative analgesia by femoral nerve block with ropivacaine 0.2% after major knee surgery: continuous versus patient-controlled techniques. <i>Regional Anesthesia and Pain Medicine</i> , <b>2002</b> , 27, 604-11	3.4	34
133	Hemodynamic profile of target-controlled spinal anesthesia compared with 2 target-controlled general anesthesia techniques in elderly patients with cardiac comorbidities. <i>Regional Anesthesia and Pain Medicine</i> , <b>2012</b> , 37, 433-40	3.4	33
132	Preoperative screening for von Willebrand disease type 1: low yield and limited ability to predict bleeding. <i>Translational Research</i> , <b>1999</b> , 134, 605-9		33
131	Diagnosis of Postoperative Urinary Retention Using a Simplified Ultrasound Bladder Measurement. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 120, 1033-1038	3.9	32
130	Pain expression in children with an intellectual disability. <i>European Journal of Pain</i> , <b>2010</b> , 14, 654-60	3.7	32
129	Where should the tip of the needle be located in ultrasound-guided peripheral nerve blocks?. <i>Current Opinion in Anaesthesiology</i> , <b>2012</b> , 25, 596-602	2.9	32
128	Subparaneural versus circumferential extraneural injection at the bifurcation level in ultrasound-guided popliteal sciatic nerve blocks: a prospective, randomized, double-blind study. <i>Regional Anesthesia and Pain Medicine</i> , <b>2014</b> , 39, 306-11	3.4	31
127	Comparison of Continuous 3-in-1 and Fascia Iliaca Compartment Blocks for Postoperative Analgesia. <i>Regional Anesthesia and Pain Medicine</i> , <b>2003</b> , 28, 309-314	3.4	31
126	Alteration of the piglet diaphragm contractility in vivo and its recovery after acute hypercapnia. <i>Anesthesiology</i> , <b>2008</b> , 108, 651-8	4.3	31
125	Erythropoietin protects against local anesthetic myotoxicity during continuous regional analgesia. <i>Anesthesiology</i> , <b>2009</b> , 110, 648-59	4.3	31
124	Continuous infraclavicular brachial plexus block for acute pain management in children. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 97, 691-693	3.9	29
123	Chest radiographs in 104 French ICUs: current prescription strategies and clinical value (the RadioDay study). <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1787-99	14.5	28
122	A prospective comparison of post-surgical behavioral pain scales in preschoolers highlighting the risk of false evaluations. <i>Pain</i> , <b>2009</b> , 145, 60-8	8	28
121	Acute compartment syndrome and the role of regional anesthesia. <i>International Anesthesiology Clinics</i> , <b>2010</b> , 48, 85-105	0.6	27
120	Can electroencephalographic analysis be used to determine sedation levels in critically ill patients?. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 1141-1151	3.9	27
119	Regional anesthesia and analgesia after surgery in ICU. <i>Current Opinion in Critical Care</i> , <b>2017</b> , 23, 430-439	3.5	26

118	Early coagulopathy at hospital admission predicts initial or delayed fibrinogen deficit in severe trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2014</b> , 77, 433-40	3.3	26
117	Ultrasound-guided deep or intermediate cervical plexus block: the target should be the posterior cervical space. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 111, 1563-4; author reply 1564-5	3.9	26
116	N-acetylcysteine protects against bupivacaine-induced myotoxicity caused by oxidative and sarcoplasmic reticulum stress in human skeletal myotubes. <i>Anesthesiology</i> , <b>2010</b> , 113, 560-9	4.3	26
115	Childhood preoperative anxiolysis: Is sedation and distraction better than either alone? A prospective randomized study. <i>Paediatric Anaesthesia</i> , <b>2017</b> , 27, 827-834	1.8	25
114	The hip fracture surgery in elderly patients (HIPELD) study to evaluate xenon anaesthesia for the prevention of postoperative delirium: a multicentre, randomized clinical trial. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 127-137	5.4	25
113	Preoperative Epoetin- $\alpha$ with Intravenous or Oral Iron for Major Orthopedic Surgery: A Randomized Controlled Trial. <i>Anesthesiology</i> , <b>2018</b> , 129, 710-720	4.3	24
112	Peripheral catheter techniques. <i>Paediatric Anaesthesia</i> , <b>2012</b> , 22, 93-101	1.8	23
111	French intensive care unit organisation. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2018</b> , 37, 625-627		23
110	Continuous infusion of ropivacaine: an optimal postoperative analgesia regimen for iliac crest bone graft in children. <i>Paediatric Anaesthesia</i> , <b>2009</b> , 19, 887-91	1.8	21
109	Comparison of continuous 3-in-1 and fascia iliaca compartment blocks for postoperative analgesia: feasibility, catheter migration, distribution of sensory block, and analgesic efficacy. <i>Regional Anesthesia and Pain Medicine</i> , <b>2003</b> , 28, 309-14	3.4	21
108	Cancer Recurrence and Regional Anesthesia: The Theories, the Data, and the Future in Outcomes. <i>Pain Medicine</i> , <b>2016</b> , 17, 756-75	2.8	20
107	Perioperative pain management of a complex orthopedic surgical procedure with double continuous nerve blocks in a burned child. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 1653-1655	3.9	19
106	Does the sciatic nerve approach influence thigh tourniquet tolerance during below-knee surgery?. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 100, 1511-1514	3.9	19
105	A national healthcare response to intensive care bed requirements during the COVID-19 outbreak in France. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2020</b> , 39, 709-715	3	19
104	Bilateral ultrasound-guided thoracic erector spinae plane blocks using a programmed intermittent bolus improve opioid-sparing postoperative analgesia in pediatric patients after open cardiac surgery: a randomized, double-blind, placebo-controlled trial. <i>Regional Anesthesia and Pain Medicine</i> <b>2020</b> , 45, 805-812	3.4	18
103	One year of anaesthesia in France: A comprehensive survey based on the national medical information (PMSI) database. Part 2: Out-hospital patients. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2015</b> , 34, 199-204	3	17
102	Intranasal lidocaine plus naphazoline nitrate improves surgical conditions and perioperative analgesia in septorhinoplasty surgery. <i>Canadian Journal of Anaesthesia</i> , <b>2009</b> , 56, 102-8	3	17
101	Does the size of the hemoperitoneum help to discriminate the bleeding source and guide therapeutic decisions in blunt trauma patients with pelvic ring fracture?. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2012</b> , 73, 117-25	3.3	17

100	The effects of spread of block and adrenaline on cardiac output after epidural anesthesia in young children: a randomized, double-blind, prospective study. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 948-955	3.9	17
99	Case report: Three-dimensional high-resolution ultrasound-guided nerve blocks: a new panoramic vision of local anesthetic spread and perineural catheter tip location. <i>Anesthesia and Analgesia</i> , <b>2013</b> , 116, 1176-1181	3.9	16
98	Relationship between Obesity and Massive Transfusion Needs in Trauma Patients, and Validation of TASH Score in Obese Population: A Retrospective Study on 910 Trauma Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152109	3.7	16
97	Preoperative opioid consumption increases morphine requirement after leg amputation. <i>Canadian Journal of Anaesthesia</i> , <b>2009</b> , 56, 908-13	3	15
96	Hemoperitoneum semiquantitative analysis on admission of blunt trauma patients improves the prediction of massive transfusion. <i>American Journal of Emergency Medicine</i> , <b>2013</b> , 31, 130-6	2.9	14
95	Factors Determining the Choice of Spinal Versus General Anesthesia in Patients Undergoing Ambulatory Surgery: Results of a Multicenter Observational Study. <i>Advances in Therapy</i> , <b>2020</b> , 37, 527-540	4.1	14
94	Posterior Quadratus Lumborum Block in Total Hip Arthroplasty: A Randomized Controlled Trial. <i>Anesthesiology</i> , <b>2021</b> , 134, 722-733	4.3	14
93	Fatal pancreatic injury due to trauma after successful cardiopulmonary resuscitation with automatic mechanical chest compression. <i>Anesthesiology</i> , <b>2014</b> , 120, 1038-41	4.3	13
92	The new technological trends in ultrasound-guided regional anesthesia. <i>Current Opinion in Anaesthesiology</i> , <b>2013</b> , 26, 605-12	2.9	13
91	Age should be considered in the decision making of prophylactic splenic angioembolization in nonoperative management of blunt splenic trauma: a study of 208 consecutive civilian trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2012</b> , 73, 1213-20	3.3	13
90	Time course of mitochondrial metabolism alterations to repeated injections of bupivacaine in rat muscle. <i>Canadian Journal of Anaesthesia</i> , <b>2010</b> , 57, 836-42	3	12
89	One year of anaesthesia in France: A comprehensive survey based on the national medical information (PMSI) database. Part 1: In-hospital patients. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2015</b> , 34, 191-7	3	11
88	Assessment of Modification of Diet in Renal Disease Equation to Predict Reference Serum Creatinine Value in Severe Trauma Patients: Lessons From an Observational Study of 775 Cases. <i>Annals of Surgery</i> , <b>2016</b> , 263, 814-20	7.8	11
87	Ultrasound-guided transversus abdominis plane block for herniorrhaphy in children: what is the optimal dose of levobupivacaine?. <i>European Journal of Anaesthesiology</i> , <b>2014</b> , 31, 327-32	2.3	11
86	Bilateral continuous 3-in-1 nerve blockade for postoperative pain relief after bilateral femoral shaft surgery. <i>Journal of Clinical Anesthesia</i> , <b>1998</b> , 10, 606-9	1.9	11
85	Limits of intravascular contrast extravasation on computed tomography scan to define the need for pelvic angioembolization in pelvic blunt trauma: a specific assessment on the risk of false positives. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2018</b> , 85, 527-535	3.3	10
84	Real-time ultrasound-guided epidural anaesthesia technique can be improved by new echogenic Tuohy needles: a pilot study in cadavers. <i>British Journal of Anaesthesia</i> , <b>2014</b> , 113, 299-301	5.4	10
83	Quadratus Lumborum 1 and Transversalis Fascia Blocks: Different Names for the Same Posterior Pararenal Space Block. <i>Regional Anesthesia and Pain Medicine</i> , <b>2017</b> , 42, 547-548	3.4	10

82	Effects of pressure support ventilation mode on emergence time and intra-operative ventilatory function: a randomized controlled trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e115139	3.7	9
81	Changing trends in paediatric regional anaesthetic practice in recent years. <i>Current Opinion in Anaesthesiology</i> , <b>2009</b> , 22, 374-7	2.9	9
80	Transpulmonary thermodilution hemodynamic monitoring for pheochromocytoma surgery in a child with complex congenital heart disease. <i>Paediatric Anaesthesia</i> , <b>2006</b> , 16, 1277-80	1.8	9
79	Transversus Abdominal Plane Block in Children: Efficacy and Safety: A Randomized Clinical Study and Pharmacokinetic Profile. <i>Anesthesia and Analgesia</i> , <b>2019</b> , 128, 1234-1241	3.9	8
78	Prevalence of large and occult pneumothoraces in patients with severe blunt trauma upon hospital admission: experience of 526 cases in a French level 1 trauma center. <i>American Journal of Emergency Medicine</i> , <b>2015</b> , 33, 796-801	2.9	8
77	Acute respiratory distress syndrome after chest trauma: Epidemiology, specific physiopathology and ventilation strategies. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2019</b> , 38, 265-276	3	8
76	The role of regional anesthesia in patient outcome: ambulatory surgery. <i>Techniques in Regional Anesthesia and Pain Management</i> , <b>2008</b> , 12, 194-198		6
75	La rachianesthésie pour chirurgie ambulatoire : nouveaux enjeux et modalités de prise en charge des patients. <i>Anesthésie &amp; Réanimation</i> , <b>2016</b> , 2, 23-34	0.1	5
74	Management of mediastinal syndromes in pediatrics: a new challenge of ultrasound guidance to avoid high-risk general anesthesia. <i>Paediatric Anaesthesia</i> , <b>2014</b> , 24, 534-7	1.8	5
73	Comparison of a GPS needle-tracking system, multiplanar imaging and 2D imaging for real-time ultrasound-guided epidural anaesthesia: A randomized, comparative, observer-blinded study on phantoms. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2017</b> , 36, 83-89	3	5
72	Real-Time Injection Pressure Sensing and Minimal Intensity Stimulation Combination During Ultrasound-Guided Peripheral Nerve Blocks: An Exploratory Observational Trial. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 132, 556-565	3.9	5
71	Pressure-support Ventilation in the Operating Room. <i>Anesthesiology</i> , <b>2007</b> , 107, 671-671	4.3	5
70	The Frontal Bone Window for Transcranial Doppler Ultrasonography in Critically Ill Patients: Validation of a New Approach in the ICU. <i>Neurocritical Care</i> , <b>2020</b> , 33, 115-123	3.3	5
69	Influence of late fluid management on the outcomes of severe trauma patients: A retrospective analysis of 294 severely-injured patients. <i>Injury</i> , <b>2017</b> , 48, 1964-1971	2.5	4
68	A new index derived from the cerebrovascular pressure transmission and correlated with consciousness recovery in severely head-injured intensive care patients. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 109, 1883-91	3.9	4
67	Regional anaesthesia for orthopaedic surgery. <i>Current Opinion in Anaesthesiology</i> , <b>2001</b> , 14, 733-40	2.9	4
66	Catheter use in regional anesthesia: pros and cons. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 1357-1364	1.9	4
65	Continuous Peripheral Nerve Blocks in 1416 Patients: A Prospective Multicenter Study Measuring Incidences and Characteristics of Infectious Adverse Events. <i>Anesthesiology</i> , <b>2002</b> , 96, A882	4.3	4



64	Preoperative erythropoietin within a patient blood management program decreases both blood transfusion and postoperative anemia: a prospective observational study. <i>Transfusion</i> , <b>2020</b> , 60, 1732-1740	2.0	4
63	Anesthésie locorégionale pfinerveuse. <i>Anesthésie &amp; Réanimation</i> , <b>2017</b> , 3, 198-206	0.1	3
62	Intrathecal bupivacaine protects against extension of lesions in an acute photochemical spinal cord injury model. <i>Canadian Journal of Anaesthesia</i> , <b>2004</b> , 51, 364-72	3	3
61	Percutaneous electrode guidance using the insulated needle for prelocation of peripheral nerves during axillary plexus blocks. <i>Regional Anesthesia and Pain Medicine</i> , <b>2004</b> , 29, 206-11	3.4	3
60	Approaches to the Lumbar Plexus. <i>Regional Anesthesia and Pain Medicine</i> , <b>2005</b> , 30, 150-162	3.4	3
59	A prospective multicentre observational study on perioperative analgesia practices for total knee arthroplasty in France: the KNEEONE survey. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 124, e26-e28	5.4	3
58	Canonical analysis of the Kawabata and sliding fabric friction measurement methods. <i>Journal of the Textile Institute</i> , <b>2020</b> , 111, 890-896	1.5	3
57	Injection pressure monitoring during peripheral nerve blocks: from bench to operating theatre. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2020</b> , 39, 603-610	3	3
56	Dysphagic disorder in a cohort of COVID-19 patients: Evaluation and evolution. <i>Annals of Medicine and Surgery</i> , <b>2021</b> , 69, 102837	2	3
55	Anesthésie locorégionale et chirurgie carcinologique. <i>Praticien En Anesthesie Reanimation</i> , <b>2012</b> , 16, 19-28	0	2
54	Use of term "patient-controlled" may be confusing in study of elastometric pump. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 97, 917	3.9	2
53	Perifascial plane versus perineural approaches for ultrasound-guided axillary block: go to the simplest?. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 23-29	1.9	2
52	Continuous Peripheral Nerve Blocks in 1416 Patients: A Prospective Multicenter Descriptive Study Measuring Incidences and Characteristics of Non Infectious Adverse Events. <i>Anesthesiology</i> , <b>2002</b> , 96, A881	4.3	2
51	A simple CT score to quantify pelvic and retroperitoneal hematoma associated with pelvic fractures predicts transfusion needs, pelvic hemostatic procedures, and outcome. <i>Emergency Radiology</i> , <b>2020</b> , 27, 173-184	3	2
50	Assessing friction in silk-like finished polyester fabrics. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 113-120	1.5	2
49	Multidisciplinary team approach in critically ill COVID-19 patients reduced pronation-related complications rate: A retrospective cohort study. <i>Annals of Medicine and Surgery</i> , <b>2021</b> , 70, 102836	2	2
48	Facial expressions of pain in daily clinical practice to assess postoperative pain in children: Reliability and validity of the facial action summary score. <i>European Journal of Pain</i> , <b>2021</b> , 25, 1081-1090	3.7	2
47	Anesthésie loco-régionale pfinerveuse (ALR-PN). <i>Anesthésie &amp; Réanimation</i> , <b>2019</b> , 5, 208-217	0.1	1

46	Diagnostic performance of prothrombin time point-of-care to detect acute traumatic coagulopathy on admission: experience of 522 cases in trauma center. <i>Transfusion</i> , <b>2018</b> , 58, 1781-1791	2.9	1
45	When the statistics steal the show. <i>Anesthesiology</i> , <b>2015</b> , 122, 952-3	4.3	1
44	L'hyponalgie comme alternative à l'anesthésie générale en chirurgie pédiatrique: est-ce possible? <i>Anesthésie &amp; Réanimation</i> , <b>2015</b> , 1, A321-A322	0.1	1
43	A simple assessment of haemothoraces thickness predicts abundant transfusion: a series of 525 blunt trauma patients. <i>Injury</i> , <b>2015</b> , 46, 54-60	2.5	1
42	Does regional anaesthesia improve outcome? Facts and dreams. <i>Techniques in Regional Anesthesia and Pain Management</i> , <b>2008</b> , 12, 161-162		1
41	Myotoxicité des anesthésiques locaux. <i>Praticien En Anesthésie Réanimation</i> , <b>2006</b> , 10, 347-352	0	1
40	Comparison of axillary nerve block duration using mepivacaine in non-insulin diabetic or renal insufficiency patients: a controlled observational matched multicenter trial. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 124-132	1.9	1
39	Médecine préopératoire: l'anesthésiste-réanimateur, un acteur majeur du pronostic. <i>Anesthésie &amp; Réanimation</i> , <b>2019</b> , 5, 395-407	0.1	1
38	Impact of Chloroprocaine on the Eligibility for Hospital Discharge in Patients Requiring Ambulatory Surgery Under Spinal Anesthesia: An Observational Multicenter Prospective Study. <i>Advances in Therapy</i> , <b>2020</b> , 37, 541-551	4.1	1
37	Real-time continuous monitoring of injection pressure during peripheral nerve blocks in fresh cadavers. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2020</b> , 39, 597-601	3	1
36	Early detection of intraneural and intravascular injections with real-time injection pressure monitoring in cadavers. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2020</b> , 64, 1513-1518	1.9	1
35	Structural recirculation and refractory hypoxemia under femoro-jugular veno-venous extracorporeal membrane oxygenation. <i>Artificial Organs</i> , <b>2021</b> , 45, 893-902	2.6	1
34	Role of physiotherapy team in critically ill COVID-19 patients pronation: can a multidisciplinary management reduce the complications rate?		1
33	Bilateral mandibular block improves pain relief and morphine consumption in mandibular osteotomies: a prospective, randomized, double-blind, placebo-controlled clinical trial. <i>Regional Anesthesia and Pain Medicine</i> , <b>2021</b> , 46, 322-327	3.4	1
32	Effect of a temporary lying position on cerebral hemodynamic and cerebral oxygenation parameters in patients with severe brain trauma. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 2595-2602	3	1
31	Combination of real-time needle-tip pressure sensing and minimal intensity stimulation limits unintentional intraneural injection during an ultrasound-guided peripheral nerve block procedure: A randomized, parallel group, controlled trial. <i>Journal of Clinical Anesthesia</i> , <b>2021</b> , 74, 110420	1.9	1
30	Influence of a temporary stabilization device on respiratory status in patients with severe trauma with a femoral shaft fracture treated by damage control strategy. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2021</b> , 47, 1231-1242	2.3	0
29	Prise en charge anesthésique pour chirurgie de fentes labio-palatines chez l'enfant. <i>Praticien En Anesthésie Réanimation</i> , <b>2011</b> , 15, 206-210	0	0

28	Remote transmission monitoring for postoperative perineural analgesia after major orthopedic surgery: A multicenter, randomized, parallel-group, controlled trial. <i>Journal of Clinical Anesthesia</i> , <b>2021</b> , 77, 110618	1.9	0
27	Diagnostic nerve blocks in spasticity management: E-survey of current practices in physical rehabilitation medicine in France. <i>Annals of Physical and Rehabilitation Medicine</i> , <b>2021</b> , 64, 101513	3.8	0
26	An uncommon cause of nerve stimulator's malfunction during a dual guidance lumbar plexus block: A technical brief report and an algorithm for prevention of complications. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 40, 100832	3	0
25	Injury characteristics, initial clinical status, and severe injuries associated with spinal fractures in a retrospective cohort of 506 trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2021</b> , 91, 527-536 <sup>3</sup>	3.3	0
24	La Société française d'anesthésie et réanimation : une société savante et une maison pour tous !. <i>Anesthésie &amp; Réanimation</i> , <b>2019</b> , 5, 360-367	0.1	0
23	Impact of multiple nerves blocks anaesthesia on intraoperative hypotension and mortality in hip fracture surgery intermediate-risk elderly patients: A propensity score-matched comparison with spinal and general anaesthesia. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 40, 100924	3	0
22	Driving pressure is not predictive of ARDS outcome in chest trauma patients under mechanical ventilation.. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2022</b> , 101095	3	0
21	Évaluation pharmacodynamique d'une formulation PEG/PLA à libération prolongée de bupivacaïne ou de ropivacaïne versus une solution isobare de bupivacaïne 0,25 % lors d'un bloc de nerf sciatique de rat. <i>Anesthésie &amp; Réanimation</i> , <b>2015</b> , 1, A157-A158	0.1	
20	Évaluation des pressions réelles d'injection lors de blocs nerveux périphériques échoguidés : première étude en pratique clinique. <i>Anesthésie &amp; Réanimation</i> , <b>2015</b> , 1, A378	0.1	
19	Injection pressure monitoring at the needle tip for detection of perineural and nerve-contact position: a cadaver study. <i>Canadian Journal of Anaesthesia</i> , <b>2020</b> , 67, 1076-1077	3	
18	Cervical anaerobic vertebral osteomyelitis following surgical tracheotomy: a case report. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 648	4	
17	Évaluation et validation de la fenêtrage frontale en doppler transcrânien chez les patients neurologiques hospitalisés en réanimation : une étude prospective bicentrique. <i>Anesthésie &amp; Réanimation</i> , <b>2015</b> , 1, A181	0.1	
16	Analgesie régionale pour traitement de crise iliaque. <i>Praticien En Anesthesie Reanimation</i> , <b>2008</b> , 12, 187-190	0	
15	Prise en charge d'un patient atteint de polyarthrite rhumatoïde pendant et après une anesthésie. <i>Praticien En Anesthesie Reanimation</i> , <b>2008</b> , 12, 167-170	0	
14	Continuous Regional Anesthesia After Foot Surgery in Children. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 104, 457	3.9	
13	Is Low-current Search a Risk Factor in Peripheral Nerve Localization?. <i>Anesthesiology</i> , <b>2006</b> , 104, 1348-1348	4.8	
12	Surveillance et complications des blocs périphériques utilisés pour l'analgesie postopératoire. <i>Praticien En Anesthesie Reanimation</i> , <b>2004</b> , 8, 133-138	0	
11	Sciatic infusions for foot surgery. <i>Techniques in Regional Anesthesia and Pain Management</i> , <b>2004</b> , 8, 85-89		

10	Supplementation of Intrathecal Bupivacaine with Clonidine in Ex-Premature Neonates. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 1563	3.9
9	Postoperative analgesia by femoral nerve block with ropivacaine 0.2% after major knee surgery. <i>Regional Anesthesia and Pain Medicine</i> , <b>2002</b> , 27, 604-611	3.4
8	La revue Anesthésie & Réanimation (ANREA) : des nouveautés et une nouvelle impulsion. <i>Anesthésie &amp; Réanimation</i> , <b>2022</b> , 8, 1-3	0.1
7	Réfecteurs du rachis et blocs associés. <i>Praticien En Anesthésie Réanimation</i> , <b>2019</b> , 23, 292-296	0
6	« Patient Blood Management » : gestion personnalisée du capital sanguin du patient en périopératoire. <i>Anesthésie &amp; Réanimation</i> , <b>2020</b> , 6, 570-580	0.1
5	Analgésie pour la chirurgie du genou. <i>Anesthésie &amp; Réanimation</i> , <b>2020</b> , 6, 234-239	0.1
4	In Response. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 132, e88-e89	3.9
3	Response to: "Efficacy and pharmacokinetics of erector spinae plane block in children by Lönnqvist". <i>Regional Anesthesia and Pain Medicine</i> , <b>2021</b> , 46, 1014	3.4
2	Agents hémostatiques et transfusion sanguine. <i>Praticien En Anesthésie Réanimation</i> , <b>2018</b> , 22, 298-304	0
1	Can a Glove-Coach Technology Significantly Increase the Efficacy of Cardiopulmonary Resuscitation on Non-healthcare Professionals? A Controlled Trial.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 685988 <sup>5.4</sup>	