Manoj Kumar Karmakar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thoracic Paravertebral Block. Anesthesiology, 2001, 95, 771-780.	2.5	533
2	A Systematic Review (Meta-Analysis) of the Accuracy of the Mallampati Tests to Predict the Difficult Airway. Anesthesia and Analgesia, 2006, 102, 1867-1878.	2.2	245
3	Acute Pain Management of Patients with Multiple Fractured Ribs. Journal of Trauma, 2003, 54, 615-625.	2.3	240
4	Placental Transfer and Fetal Metabolic Effects of Phenylephrine and Ephedrine during Spinal Anesthesia for Cesarean Delivery. Anesthesiology, 2009, 111, 506-512.	2.5	239
5	Ultrasonography of the Adult Thoracic and Lumbar Spine for Central Neuraxial Blockade. Anesthesiology, 2011, 114, 1459-1485.	2.5	198
6	Real-time ultrasound-guided paramedian epidural access: evaluation of a novel in-plane technique. British Journal of Anaesthesia, 2009, 102, 845-854.	3.4	192
7	A Randomized Double-Blinded Comparison of Phenylephrine and Ephedrine Infusion Combinations to Maintain Blood Pressure During Spinal Anesthesia for Cesarean Delivery: The Effects on Fetal Acid-Base Status and Hemodynamic Control. Anesthesia and Analgesia, 2008, 107, 1295-1302.	2.2	187
8	Are we giving enough coagulation factors during major trauma resuscitation?. American Journal of Surgery, 2005, 190, 479-484.	1.8	182
9	Postthoracotomy pain syndrome. Thoracic Surgery Clinics, 2004, 14, 345-352.	1.0	177
10	Standardizing nomenclature in regional anesthesia: an ASRA-ESRA Delphi consensus study of abdominal wall, paraspinal, and chest wall blocks. Regional Anesthesia and Pain Medicine, 2021, 46, 571-580.	2.3	131
11	Continuous Thoracic Paravertebral Infusion of Bupivacaine for Pain Management in Patients With Multiple Fractured Ribs*. Chest, 2003, 123, 424-431.	0.8	130
12	Prevalence of Survivor Bias in Observational Studies on Fresh Frozen Plasma. Anesthesiology, 2012, 116, 716-728.	2.5	128
13	Acute pain management of patients with multiple fractured ribs. Current Opinion in Critical Care, 2011, 17, 323-327.	3.2	115
14	Ultrasound-guided lumbar plexus block through the acoustic window of the lumbar ultrasound trident. British Journal of Anaesthesia, 2008, 100, 533-537.	3.4	104
15	Thoracic Paravertebral Block and Its Effects on Chronic Pain and Health-Related Quality of Life After Modified Radical Mastectomy. Regional Anesthesia and Pain Medicine, 2014, 39, 289-298.	2.3	103
16	Heliox vs Air-Oxygen Mixtures for the Treatment of Patients With Acute Asthmaa. Chest, 2003, 123, 882-890.	0.8	99
17	Ultrasound-guided sciatic nerve block: description of a new approach at the subgluteal space. British Journal of Anaesthesia, 2007, 98, 390-395.	3.4	97
18	Arterial and Venous Pharmacokinetics of Ropivacaine with and without Epinephrine after Thoracic Paravertebral Block. Anesthesiology, 2005, 103, 704-711.	2.5	86

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19	A mathematical model for fresh frozen plasma transfusion strategies during major trauma resuscitation with ongoing hemorrhage. Canadian Journal of Surgery, 2005, 48, 470-8.	1.2	84
20	Thoracic paravertebral block: radiological evidence of contralateral spread anterior to the vertebral bodies. British Journal of Anaesthesia, 2000, 84, 263-265.	3.4	78
21	Benefits of the Costoclavicular Space for Ultrasound-Guided Infraclavicular Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2015, 40, 287-288.	2.3	77
22	Continuous extrapleural paravertebral infusion of bupivacaine for post-thoracotomy analgesia in young infants. British Journal of Anaesthesia, 1996, 76, 811-815.	3.4	75
23	Ultrasound-Guided Costoclavicular Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2017, 42, 233-240.	2.3	74
24	High-Definition Ultrasound Imaging Defines the Paraneural Sheath and the Fascial Compartments Surrounding the Sciatic Nerve at the Popliteal Fossa. Regional Anesthesia and Pain Medicine, 2013, 38, 447-451.	2.3	72
25	Closedâ€loop feedback computerâ€controlled infusion of phenylephrine for maintaining blood pressure during spinal anaesthesia for caesarean section: a preliminary descriptive study*. Anaesthesia, 2007, 62, 1251-1256.	3.8	70
26	Excessive Use of Normal Saline in Managing Traumatized Patients in Shock: A Preventable Contributor to Acidosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 51, 173-177.	2.4	69
27	Total airway obstruction during local anesthesia in a non-sedated patient with a compromised airway. Canadian Journal of Anaesthesia, 2004, 51, 838-841.	1.6	66
28	Anatomic Basis for Brachial Plexus Block at the Costoclavicular Space. Regional Anesthesia and Pain Medicine, 2016, 41, 387-391.	2.3	61
29	Combined paravertebral lumbar plexus and parasacral sciatic nerve block for reduction of hip fracture in a patient with severe aortic stenosis. Canadian Journal of Anaesthesia, 2002, 49, 946-950.	1.6	59
30	Ipsilateral thoraco-lumbar anaesthesia and paravertebral spread after low thoracic paravertebral injection. British Journal of Anaesthesia, 2001, 87, 312-316.	3.4	58
31	Ropivacaine Undergoes Slower Systemic Absorption from the Caudal Epidural Space in Children than Bupivacaine. Anesthesia and Analgesia, 2002, 94, 259-265.	2.2	58
32	Understanding immortal time bias in observational cohort studies. Anaesthesia, 2013, 68, 126-130.	3.8	56
33	Serratus plane block: do we need to learn another technique for thoracic wall blockade?. Anaesthesia, 2013, 68, 1103-1106.	3.8	51
34	Rigid Cervical Collar and Intracranial Pressure of Patients with Severe Head Injury. Journal of Trauma, 2002, 53, 1185-1188.	2.3	50
35	The analgesic efficacy of continuous wound instillation with ropivacaine after open hepatic surgery. Anaesthesia, 2010, 65, 1180-1186.	3.8	50
36	Regional Hemodynamic Changes After an Axillary Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2012, 37, 111-118.	2.3	47

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37	Variability of a Thoracic Paravertebral Block. Are We Ignoring the Endothoracic Fascia?. Regional Anesthesia and Pain Medicine, 2000, 25, 325-327.	2.3	46
38	Use of heliox in critical upper airway obstruction Resuscitation, 2002, 52, 297-300.	3.0	44
39	Ipsilateral hemidiaphragmatic paresis after a supraclavicular and costoclavicular brachial plexus block. European Journal of Anaesthesiology, 2019, 36, 787-795.	1.7	44
40	Sonoanatomy relevant for ultrasound-guided central neuraxial blocks via the paramedian approach in the lumbar region. British Journal of Radiology, 2012, 85, e262-e269.	2.2	43
41	A Practical Review of Perineural Versus Intraneural Injections. International Anesthesiology Clinics, 2011, 49, 1-12.	0.8	42
42	Sonographic tracking of trunk nerves: essential for ultrasound-guided pain management and research. Journal of Pain Research, 2017, Volume 10, 79-88.	2.0	42
43	Daring discourse: should the ESP block be renamed RIP II block?. Regional Anesthesia and Pain Medicine, 2021, 46, 57-60.	2.3	42
44	Ropivacaine Undergoes Slower Systemic Absorption from the Caudal Epidural Space in Children than Bupivacaine. Anesthesia and Analgesia, 2002, 94, 259-265.	2.2	41
45	Co-administration of alfentanil-propofol improves laryngeal mask airway insertion compared to fentanyl-propofol. Canadian Journal of Anaesthesia, 2002, 49, 508-512.	1.6	39
46	Sonoanatomy Relevant for Lumbar Plexus Block in Volunteers Correlated With Cross-sectional Anatomic and Magnetic Resonance Images. Regional Anesthesia and Pain Medicine, 2013, 38, 391-397.	2.3	39
47	Thoracic Paravertebral Block for Management of Pain Associated With Multiple Fractured Ribs in Patients With Concomitant Lumbar Spinal Trauma. Regional Anesthesia and Pain Medicine, 2001, 26, 169-173.	2.3	36
48	The Effect of the Addition of Epinephrine on Early Systemic Absorption of Epidural Ropivacaine in Humans. Anesthesia and Analgesia, 2002, 95, 1402-1407.	2.2	36
49	Ultrasound-Guided Lumbar Plexus Block Using a Transverse Scan Through the Lumbar Intertransverse Space. Regional Anesthesia and Pain Medicine, 2015, 40, 75-81.	2.3	36
50	Gelatin-Agar Lumbosacral Spine Phantom. Journal of Ultrasound in Medicine, 2011, 30, 263-272.	1.7	35
51	Central apnoea after balanced general anaesthesia that included dexmedetomidine. British Journal of Anaesthesia, 2005, 95, 773-775.	3.4	31
52	Survival Analysis of Patients with Breast Cancer Undergoing a Modified Radical Mastectomy With or Without a Thoracic Paravertebral Block: a 5-Year Follow-up of a Randomized Controlled Trial. , 2017, 37, 5813-5820.		30
53	Volumetric Three-Dimensional Ultrasound Imaging of the Anatomy Relevant for Thoracic Paravertebral Block. Anesthesia and Analgesia, 2012, 115, 1246-1250.	2.2	28
54	Does circumferential spread of local anaesthetic improve the success of peripheral nerve block?. British Journal of Anaesthesia, 2014, 113, 177-185.	3.4	28

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55	Ultrasound-Guided Infraclavicular Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2018, 43, 1.	2.3	27
56	Right thoracic paravertebral analgesia for hepatectomy. British Journal of Anaesthesia, 2004, 93, 458-461.	3.4	26
57	Ultrasound-guided sciatic nerve block: description of a new approach at the subgluteal space. British Journal of Anaesthesia, 2007, 99, 445-446.	3.4	25
58	Ultrasound-guided thoracic paravertebral block. Techniques in Regional Anesthesia and Pain Management, 2009, 13, 142-149.	0.2	25
59	Randomized Comparison of Extrafascial Versus Subfascial Injection of Local Anesthetic During Ultrasound-Guided Supraclavicular Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2015, 40, 337-343.	2.3	25
60	Right thoracic paravertebral anaesthesia for percutaneous radiofrequency ablation of liver tumours. British Journal of Radiology, 2011, 84, 785-789.	2.2	24
61	Multiplanar 3D ultrasound imaging to assess the anatomy of the upper airway and measure the subglottic and tracheal diameters in adults. British Journal of Radiology, 2013, 86, 20130253.	2.2	24
62	Estimating with confidence the risk of rare adverse events, including those with observed rates of zeroâ †. Regional Anesthesia and Pain Medicine, 2002, 27, 207-210.	2.3	23
63	Three-Dimensional/Four-Dimensional Volumetric Ultrasound Imaging of the Sciatic Nerve. Regional Anesthesia and Pain Medicine, 2012, 37, 60-66.	2.3	23
64	Placing the tip of the endotracheal tube at the carina and passing the endobronchial blocker through the Murphy eye may reduce the risk of blocker retrograde dislodgement during one-lung anaesthesia in small children. British Journal of Anaesthesia, 2008, 101, 690-693.	3.4	22
65	Low-Volume Brachial Plexus Block Providing Surgical Anesthesia for Distal Arm Surgery Comparing Supraclavicular, Infraclavicular, and Axillary Approach: A Randomized Observer Blind Trial. BioMed Research International, 2016, 2016, 1-10.	1.9	21
66	Regional analgesia for patients with traumatic rib fractures: A narrative review. Journal of Trauma and Acute Care Surgery, 2020, 88, e22-e30.	2.1	21
67	Bilateral continuous paravertebral block used for postoperative analgesia in an infant having bilateral thoracotomy. Paediatric Anaesthesia, 1997, 7, 469-471.	1.1	20
68	An unusual complication of interscalene brachial plexus catheterization: delayed catheter migration. British Journal of Anaesthesia, 2005, 95, 535-537.	3.4	20
69	Reconfiguring the scope and practice of regional anesthesia in a pandemic: the COVID-19 perspective. Regional Anesthesia and Pain Medicine, 2020, 45, 536-543.	2.3	20
70	High definition ultrasound imaging of the individual elements of the brachial plexus above the clavicle. Regional Anesthesia and Pain Medicine, 2020, 45, 344-350.	2.3	20
71	Ultrasound for central neuraxial blocks. Techniques in Regional Anesthesia and Pain Management, 2009, 13, 161-170.	0.2	19
72	Timing of tracheal intubation in traumatic cardiac tamponade: A word of caution. Resuscitation, 2009, 80, 272-274.	3.0	18

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73	Fresh-frozen plasma transfusion strategy in trauma with massive and ongoing bleeding. Common (sense) and sensibility. Resuscitation, 2010, 81, 1079-1081.	3.0	18
74	Electron-Microscopic Imaging of Endothoracic Fascia in the Thoracic Paravertebral Space in Rats. Regional Anesthesia and Pain Medicine, 2012, 37, 215-218.	2.3	18
75	The Medial-Transverse Approach for Internal Jugular Vein Cannulation: An Example of Lateral Thinking. Journal of Emergency Medicine, 2012, 42, 174-177.	0.7	18
76	Quantitative evaluation of the echo intensity of the median nerve and flexor muscles of the forearm in the young and the elderly. British Journal of Radiology, 2012, 85, e140-e145.	2.2	17
77	Closeâ€ŧoâ€ŧheâ€nerve vs interfascial plane blocks: Sniper rifle vs shotgun—which will hit the target most reliably?. Acta Anaesthesiologica Scandinavica, 2019, 63, 1126-1128.	1.6	17
78	A Prospective Comparison of Vasopressor Requirement and Hemodynamic Changes During Spinal Anesthesia for Cesarean Delivery in Patients with Multiple Gestation Versus Singleton Pregnancy. Anesthesia and Analgesia, 2007, 104, 407-411.	2.2	15
79	The traditional vs "1:1:1―approach debate on massive transfusion in trauma should not be treated as a dichotomy. American Journal of Emergency Medicine, 2015, 33, 1501-1504.	1.6	14
80	Ultrasound-guided subparaneural popliteal sciatic nerve block: there is more to it than meets the eyes. Regional Anesthesia and Pain Medicine, 2021, 46, 268-275.	2.3	14
81	High-definition ultrasound imaging defines the paraneural sheath and fascial compartments surrounding the cords of the brachial plexus at the costoclavicular space and lateral infraclavicular fossa. Regional Anesthesia and Pain Medicine, 2021, 46, 500-506.	2.3	13
82	Does the Presence of a Tracheal Bronchus Affect the Margin of Safety of Double-Lumen Tube Placement?. Anesthesia and Analgesia, 2004, 99, 293-295.	2.2	12
83	Minimum effective volume of 0.5% ropivacaine for ultrasound-guided costoclavicular brachial plexus block. European Journal of Anaesthesiology, 2020, 37, 780-786.	1.7	12
84	Accuracy of central venous pressure monitoring during simultaneous continuous infusion through the same catheter. Anaesthesia, 2005, 60, 1027-1030.	3.8	11
85	Risk of Hematoma After Epidural Anesthesia and Analgesia for Cardiac Surgery. Anesthesia and Analgesia, 2006, 103, 1327.	2.2	11
86	Flooding With Carbon Dioxide Prevents Airway Fire Induced by Diathermy During Open Tracheostomy. Journal of Trauma, 2007, 63, 228-231.	2.3	11
87	Choosing the Correct Laryngeal Mask Airway Sizes and Cuff Inflation Volumes in Pediatric Patients. Journal of Emergency Medicine, 2008, 35, 299-300.	0.7	11
88	Lumbar neuraxial anatomical changes throughout pregnancy: a longitudinal study using serial ultrasound scans. Anaesthesia, 2016, 71, 669-674.	3.8	11
89	Real-time ultrasound-guided versus anatomic landmark-based thoracic epidural placement: a prospective, randomized, superiority trial. BMC Anesthesiology, 2022, 22, .	1.8	11
90	The Many Faces of Survivor Bias in Observational Studies on Trauma Resuscitation Requiring Massive Transfusion. Annals of Emergency Medicine, 2015, 66, 45-48.	0.6	10

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91	Ageâ€Related Differences in the Quantitative Echo Texture of the Median Nerve. Journal of Ultrasound in Medicine, 2015, 34, 797-804.	1.7	10
92	Ultrasound-Guided Selective Trunk Block to Produce Surgical Anesthesia of the Whole Upper Extremity: A Case Report. A&A Practice, 2020, 14, e01274.	0.4	10
93	Selective trunk block (SeTB): a simple alternative to hybrid brachial plexus block techniques for proximal humeral fracture surgery during the COVID-19 pandemic. Regional Anesthesia and Pain Medicine, 2021, 46, 376.2-378.	2.3	9
94	The Resolution of ST Segment Depressions After High Right Thoracic Paravertebral Block During General Anesthesia. Anesthesia and Analgesia, 2002, 95, 227-228.	2.2	8
95	Case report: Use of two balloon-tipped catheters during thoracoscopic repair of a type C tracheoesophageal fistula in a neonate. Canadian Journal of Anaesthesia, 2007, 54, 223-226.	1.6	8
96	<p>Ultrasound-Guided Multilevel Thoracic Paravertebral Block and Its Efficacy for Surgical Anesthesia During Primary Breast Cancer Surgery</p> . Journal of Pain Research, 2020, Volume 13, 1713-1723.	2.0	8
97	Pig Carcass Spine Phantom-A Model to Learn Ultrasound-Guided Neuraxial Interventions. Regional Anesthesia and Pain Medicine, 2010, 35, 472-473.	2.3	6
98	Reliability of a sequential ultrasound imaging technique (SUIT) to identify the individual elements of the brachial plexus above the clavicle. Regional Anesthesia and Pain Medicine, 2021, 46, 1107-1109.	2.3	6
99	The "Water-based Spine Phantom"? - A Small Step Towards Learning the Basics of Spinal Sonography. British Journal of Anaesthesia, 2009, 103, .	3.4	6
100	Potential Eye Injury due to Protective Face Shields. Anesthesiology, 2004, 100, 201-201.	2.5	5
101	Left Mainstem Bronchial Tear Manifesting as Sudden Upsurge in End-Tidal CO2 During Thoracoscopic Tracheoesophageal Fistula Repair. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 539-541.	1.3	5
102	Ultrasound visualization of the anatomy relevant for lumbar plexus block: comparison of the paramedian transverse and Shamrock scan technique. Regional Anesthesia and Pain Medicine, 2019, 44, 573-577.	2.3	5
103	Use of Recombinant Activated Factor VII in Patients with Severe Coagulopathy and Bleeding. Anesthesiology, 2003, 98, 1025-1026.	2.5	5
104	Ultrasound for central venous cannulation: economic evaluation of cost effectiveness. Anaesthesia, 2005, 60, 407-411.	3.8	4
105	Ultrasound guided interscalene brachial plexus block with low dose sedation – Technique of choice for reducing shoulder dislocation. American Journal of Emergency Medicine, 2018, 36, 717-718.	1.6	4
106	Facial Skin Injuries Caused by Adhesive Tapes in a Patient Receiving Cosmetic Skin Exfoliants. Anesthesia and Analgesia, 2003, 97, 1310-1311.	2.2	3
107	Cardiac Tamponade and Sternal Fracture. Journal of Trauma, 2004, 56, 212-213.	2.3	3
108	Safer central venous access. Anaesthesia, 2005, 60, 617-619.	3.8	3

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109	Radiation Exposure in Children. Anesthesia and Analgesia, 2006, 103, 1630.	2.2	3
110	Assessment of the spine with CT and MRI prior to interspinous/interlaminar spinal procedures: a pictorial review. British Journal of Radiology, 2013, 86, 20130066.	2.2	3
111	Thoracic Paravertebral Block. , 2019, , 286-315.		3
112	Ultrasound-Guided Thoracic Paravertebral Block. , 2011, , 133-148.		3
113	Aberrant vascular anatomy at the costoclavicular space: a word of caution for costoclavicular brachial plexus block. Regional Anesthesia and Pain Medicine, 2021, 46, 95-96.	2.3	3
114	Hemostatic parameters after hepatectomy for cancer. Hepato-Gastroenterology, 2007, 54, 1494-8.	0.5	3
115	On research and originality. Anaesthesia, 2004, 59, 404-405.	3.8	2
116	Ultrasound-Guided Central Neuraxial Blocks. , 2011, , 161-178.		2
117	Ultrasound-Guided Regional Anesthesia. , 2019, , 988-1022.e4.		2
118	Ultrasound-Guided Regional Anesthesia. , 2009, , 911-938.		2
119	Dry spinal tap during real-time ultrasound-guided paramedian spinal injection with patient in the lateral decubitus position. European Journal of Anaesthesiology, 2021, 38, 259-264.	1.7	2
120	Ultrasound-guided selective trunk block (SeTB): a cadaver anatomic study to evaluate the spread of dye after a simulated injection. Regional Anesthesia and Pain Medicine, 2022, 47, 414-419.	2.3	2
121	Real-Time Ultrasound-Guided Spinal Injection Using a Transverse In-Plane Dependent Technique: A Case Series. A&A Practice, 2022, 16, e01596.	0.4	2
122	The timing for the use of heparinase and thromboelastography to prevent excessive bleeding after coronary artery bypass graft surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 413-414.	1.3	1
123	Images in Anesthesia: Airway obstruction after peanut aspiration — air trapping is due to airway distension and narrowing. Canadian Journal of Anaesthesia, 2005, 52, 205-206.	1.6	1
124	Facilitating Endotracheal Tube Advancement during Fiberscope-assisted Intubation: Giving Due Credit. Anesthesiology, 2006, 104, 376-376.	2.5	1
125	Reply to Dr Cornish. Regional Anesthesia and Pain Medicine, 2018, 43, 337-338.	2.3	1
126	Brachial plexus blockade with anomalous location of the T1 ventral ramus at the supraclavicular fossa. British Journal of Anaesthesia, 2020, 125, e412-e414.	3.4	1

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127	High-Definition and Three-Dimensional Volumetric Ultrasound Imaging of the Sciatic Nerve. , 2015, , 355-381.		1
128	Accumulating marginal gains. Regional Anesthesia and Pain Medicine, 2021, 46, 459-459.	2.3	1
129	Anesthesia for Pediatric Laparoscopy. , 2008, , 229-232.		1
130	Expected utilities of epidural or I.V./I.M. opioid analgesia for labor. Canadian Journal of Anaesthesia, 2005, 52, A180-A180.	1.6	0
131	General anesthesia with or without thoracic epidural block for cardiac surgery — A decision analysis. Canadian Journal of Anaesthesia, 2008, 55, 4737371-4737372.	1.6	0
132	Reply to Drs Wolf and Gray. Regional Anesthesia and Pain Medicine, 2014, 39, 261-262.	2.3	0
133	Ultrasound-Guided Thoracic Paravertebral Block. , 2018, , 103-116.		0
134	Response to comments on our Editorial. Acta Anaesthesiologica Scandinavica, 2020, 64, 277-277.	1.6	0
135	Reply to: ipsilateral hemidiaphragmatic paresis after a supraclavicular and costoclavicular brachial plexus block. European Journal of Anaesthesiology, 2020, 37, 417-418.	1.7	0
136	Simple formulas for preparing local anesthetic solutions for infusion. Regional Anesthesia and Pain Medicine, 2001, 26, 382-383.	2.3	0
137	Response to comments by Dr Forero to our daring discourse. Regional Anesthesia and Pain Medicine, 2021, 46, 837-838.	2.3	0
138	Response to Dr Howle and collegues. Regional Anesthesia and Pain Medicine, 2021, 46, 929-930.	2.3	0