

Markus M Luedi

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

1,638
citations

304368

22
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395343

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136
docs citations

136
times ranked

1813
citing authors

#	ARTICLE	IF	CITATIONS
1	Staffing With Disease-Based Epidemiologic Indices May Reduce Shortage of Intensive Care Unit Staff During the COVID-19 Pandemic. <i>Anesthesia and Analgesia</i> , 2020, 131, 24-30.	1.1	76
2	Multicenter imaging outcomes study of The Cancer Genome Atlas glioblastoma patient cohort: imaging predictors of overall and progression-free survival. <i>Neuro-Oncology</i> , 2015, 17, 1525-1537.	0.6	75
3	A Coclinal Radiogenomic Validation Study: Conserved Magnetic Resonance Radiomic Appearance of Periostin-Expressing Glioblastoma in Patients and Xenograft Models. <i>Clinical Cancer Research</i> , 2018, 24, 6288-6299.	3.2	74
4	Muscular weakness and muscle wasting in the critically ill. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1399-1412.	2.9	72
5	Reduced Monocytic Human Leukocyte Antigen-DR Expression Indicates Immunosuppression in Critically Ill COVID-19 Patients. <i>Anesthesia and Analgesia</i> , 2020, 131, 993-999.	1.1	66
6	Telemedicine for preoperative assessment during a COVID-19 pandemic: Recommendations for clinical care. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 345-351.	1.7	60
7	COVID-19-associated acute respiratory distress syndrome (CARDS): Current knowledge on pathophysiology and ICU treatment – A narrative review. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 351-368.	1.7	57
8	The Hair in the Sinus: Sharp-Ended Rootless Head Hair Fragments can be Found in Large Amounts in Pilonidal Sinus Nests. <i>World Journal of Surgery</i> , 2018, 42, 567-573.	0.8	45
9	Implications of Perioperative Team Setups for Operating Room Management Decisions. <i>Anesthesia and Analgesia</i> , 2017, 124, 262-269.	1.1	38
10	Successful Personalities in Anesthesiology and Acute Care Medicine. <i>Anesthesia and Analgesia</i> , 2017, 124, 359-361.	1.1	34
11	Impact of geography and surgical approach on recurrence in global pilonidal sinus disease. <i>Scientific Reports</i> , 2019, 9, 15111.	1.6	34
12	Strength of Occipital Hair as an Explanation for Pilonidal Sinus Disease Caused by Intruding Hair. <i>Diseases of the Colon and Rectum</i> , 2017, 60, 979-986.	0.7	33
13	Implications of Patient Age and ASA Physical Status for Operating Room Management Decisions. <i>Anesthesia and Analgesia</i> , 2016, 122, 1169-1177.	1.1	31
14	Telemedicine and current clinical practice trends in the COVID-19 pandemic. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 307-319.	1.7	30
15	Recurrence-free survival, but not surgical therapy per se, determines 583 patients' long-term satisfaction following primary pilonidal sinus surgery. <i>International Journal of Colorectal Disease</i> , 2015, 30, 605-611.	1.0	29
16	A Dexamethasone-regulated Gene Signature Is Prognostic for Poor Survival in Glioblastoma Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 46-58.	0.6	28
17	Quantitative Sensory Testing to Predict Postoperative Pain. <i>Current Pain and Headache Reports</i> , 2021, 25, 3.	1.3	27
18	Radiomic Texture Analysis Mapping Predicts Areas of True Functional MRI Activity. <i>Scientific Reports</i> , 2016, 6, 25295.	1.6	26

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19	Impact of spinal versus general anesthesia on postoperative pain and long term recurrence after surgery for pilonidal disease. <i>Journal of Clinical Anesthesia</i> , 2016, 33, 236-242.	0.7	26
20	Multi-center study finds postoperative residual non-enhancing component of glioblastoma as a new determinant of patient outcome. <i>Journal of Neuro-Oncology</i> , 2018, 139, 125-133.	1.4	26
21	Global Gender Differences in Pilonidal Sinus Disease: A Randomâ€Effects Metaâ€Analysis. <i>World Journal of Surgery</i> , 2020, 44, 3702-3709.	0.8	25
22	Enhanced Recovery after Cardiac Surgery: An Update on Clinical Implications. <i>International Anesthesiology Clinics</i> , 2017, 55, 148-162.	0.3	23
23	Leadership in a time of crisis: Lessons learned from a pandemic. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 405-414.	1.7	23
24	Recommendations for Preoperative Assessment and Shared Decision-Making in Cardiac Surgery. <i>Current Anesthesiology Reports</i> , 2020, 10, 185-195.	0.9	23
25	Preoperative Pressure Pain Threshold Is Associated With Postoperative Pain in Short-Stay Anorectal Surgery: A Prospective Observational Study. <i>Anesthesia and Analgesia</i> , 2021, 132, 656-662.	1.1	23
26	Dexamethasone-mediated oncogenicity in vitro and in an animal model of glioblastoma. <i>Journal of Neurosurgery</i> , 2018, 129, 1446-1455.	0.9	22
27	Genderâ€specific prevalence of pilonidal sinus disease over time: A systematic review and metaâ€analysis. <i>ANZ Journal of Surgery</i> , 2021, 91, 1582-1587.	0.3	22
28	Treatment Strategies for Pilonidal Sinus Disease in Switzerland and Austria. <i>Medicina (Lithuania)</i> , 2020, 56, 341.	0.8	21
29	Mannitol for the Prevention of Peri-Operative Acute Kidney Injury: A Systematic Review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 130-140.	0.8	20
30	Burnout in Anesthesiology Providers. <i>Anesthesia and Analgesia</i> , 2020, 130, 307-309.	1.1	20
31	Nonoperating room anesthesia education. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 490-497.	0.9	19
32	Does Full Wound Rupture following Median Pilonidal Closure Alter Long-Term Recurrence Rate?. <i>Medical Principles and Practice</i> , 2015, 24, 571-577.	1.1	18
33	Nontechnical Skills in a Technical World. <i>International Anesthesiology Clinics</i> , 2019, 57, 81-94.	0.3	17
34	Endothelial Progenitor Cells as Biomarkers of Cardiovascular Pathologies: A Narrative Review. <i>Cells</i> , 2022, 11, 1678.	1.8	17
35	Influence of inferior petrosal sinus drainage symmetry on detection of adenomas in Cushing's syndrome. <i>Journal of Neuroradiology</i> , 2021, 48, 10-15.	0.6	16
36	COVID-19 impact on the renal system: Pathophysiology and clinical outcomes. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 449-459.	1.7	16

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37	Teaching Advanced Trauma Life Support (ATLS): A nationwide retrospective analysis of 8202 lessons taught in Germany. <i>Journal of Surgical Education</i> , 2017, 74, 161-166.	1.2	14
38	Considerations for acute care staffing during a pandemic. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 389-404.	1.7	14
39	Rethinking the causes of pilonidal sinus disease: a matched cohort study. <i>Scientific Reports</i> , 2021, 11, 6210.	1.6	14
40	Impact of COVID-19 infection on the cardiovascular system: An evidence-based analysis of risk factors and outcomes. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 437-448.	1.7	14
41	Negative pressure pulmonary oedema with haemorrhage after 5-minute avalanche burial. <i>Lancet</i> , The, 2016, 388, 2321-2322.	6.3	13
42	Impact of primary medical or surgical therapy on prolactinoma patients' BMI and metabolic profile over the long-term. <i>Journal of Clinical and Translational Endocrinology</i> , 2021, 24, 100258.	1.0	13
43	On patient safety, teams and psychologically disturbed pilots. <i>European Journal of Anaesthesiology</i> , 2016, 33, 226-227.	0.7	12
44	A Swiss nationwide survey shows that dual guidance is the preferred approach for peripheral nerve blocks. <i>Scientific Reports</i> , 2019, 9, 9178.	1.6	12
45	Persistent bone impairment despite long-term control of hyperprolactinemia and hypogonadism in men and women with prolactinomas. <i>Scientific Reports</i> , 2021, 11, 5122.	1.6	11
46	Lateral one-third gland resection in Cushing patients with failed adenoma identification leads to low remission rates: long-term observations from a small, single-center cohort. <i>Acta Neurochirurgica</i> , 2021, 163, 3161-3169.	0.9	11
47	Outcome in patients with open abdomen treatment for peritonitis: a multidomain approach outperforms single domain predictions. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1109-1119.	0.7	11
48	Indoleamine-2,3-Dioxygenase as a Perioperative Marker of the Immune System. <i>Frontiers in Physiology</i> , 2021, 12, 766511.	1.3	11
49	Intra-anal pilonidal sinus disease: a unique diagnosis possibly pointing to the occiput. <i>ANZ Journal of Surgery</i> , 2016, 86, 622-622.	0.3	10
50	Frontal electroencephalogram reveals emergence-like brain activity occurring during transition periods in cardiac surgery. <i>British Journal of Anaesthesia</i> , 2020, 125, 291-297.	1.5	10
51	Point-of-care ultrasound in the preoperative setting. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 315-324.	1.7	10
52	Reticulocyte and Erythrocyte Hemoglobin Parameters for Iron Deficiency and Anemia Diagnostics in Patient Blood Management. A Narrative Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 4250.	1.0	10
53	Postcraniotomy Headache: Etiologies and Treatments. <i>Current Pain and Headache Reports</i> , 2022, 26, 357-364.	1.3	10
54	Achieving Gender Parity in Acute Care Medicine Requires a Multidimensional Perspective and a Committed Plan of Action. <i>Anesthesia and Analgesia</i> , 2019, 129, 1778-1783.	1.1	9

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55	Providing safe perioperative care in cardiac surgery during the COVID-19 pandemic. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 321-332.	1.7	9
56	Clinical recommendations for in-hospital airway management during aerosol-transmitting procedures in the setting of a viral pandemic. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 333-349.	1.7	8
57	Diffusion Weighted Magnetic Resonance Imaging Radiophenotypes and Associated Molecular Pathways in Glioblastoma. <i>Neurosurgery</i> , 2016, 63, 127-135.	0.6	8
58	Machine Learning for Outcome Prediction in First-Line Surgery of Prolactinomas. <i>Frontiers in Endocrinology</i> , 2022, 13, 810219.	1.5	8
59	Operational and strategic decision making in the perioperative setting: Meeting budgetary challenges and quality of care goals. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 265-273.	1.7	8
60	Laser may reduce recurrence rate in pilonidal sinus disease by reducing captured occipital hair. <i>Lasers in Medical Science</i> , 2017, 32, 481-482.	1.0	7
61	Veno-Arterial ECMO Weaning Failure in the Operating Room: Have You Considered Prewearing Bronchoscopy?. <i>Artificial Organs</i> , 2018, 42, 1234-1235.	1.0	7
62	Emergency Manuals in Context: One Component of Resilient Performance. <i>Anesthesia and Analgesia</i> , 2020, 131, 1812-1814.	1.1	7
63	Effect of Perioperative Lipid Status on Clinical Outcomes after Cardiac Surgery. <i>Cells</i> , 2021, 10, 2717.	1.8	7
64	Turkey is leading in the 21st century pilonidal sinus disease research. <i>Turkish Journal of Surgery</i> , 2020, 36, 284-290.	0.1	7
65	Preoperative management of anticoagulation in the surgical patient: Highlights of the latest guidelines. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 141-152.	1.7	6
66	Leadership in 2022: A perspective. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 229-235.	1.7	6
67	The management of pilonidal disease in pediatric patients: some aspects of importance. <i>Journal of Pediatric Surgery</i> , 2020, 55, 206-207.	0.8	5
68	A Primer for Pediatric Emergency Front-of-the-Neck Access. <i>A&A Practice</i> , 2021, 15, e01444.	0.2	5
69	Discrepancies Between Planned and Actual Operating Room Turnaround Times at a Large Rural Hospital in Germany. <i>Sultan Qaboos University Medical Journal</i> , 2018, 17, 418.	0.3	5
70	Electrocautery smoke exposure and efficacy of smoke evacuation systems in minimally invasive and open surgery: a prospective randomized study. <i>Scientific Reports</i> , 2022, 12, 4941.	1.6	5
71	The impact of sex and gender on aortic events in patients with Marfan syndrome. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	5
72	Managing bottlenecks in the perioperative setting: Optimizing patient care and reducing costs. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 299-310.	1.7	5

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73	In Dialogue. Anesthesia and Analgesia, 2016, 123, 1339-1340.	1.1	4
74	In Response. Anesthesia and Analgesia, 2017, 124, 1738-1739.	1.1	4
75	Interdisciplinary Dialogue Is Needed When Defining Perioperative Recommendations: Conflicting Guidelines for Anesthetizing Patients for Pilonidal Surgery. A&A Practice, 2018, 11, 227-229.	0.2	4
76	Hypertonic saline for fluid resuscitation after cardiac surgery (HERACLES): study protocol for a preliminary randomised controlled clinical trial. Trials, 2019, 20, 357.	0.7	4
77	Impact of Lipoprotein(a) Levels on Perioperative Outcomes in Cardiac Surgery. Cells, 2021, 10, 2829.	1.8	4
78	Initial experience with minimally invasive extracorporeal circulation in coronary artery bypass graft reoperations. Swiss Medical Weekly, 2022, 152, w30101.	0.8	4
79	ASA Status, NPPA/NPPB Haplotype and Coronary Artery Disease Have an Impact on BNP/NT-proBNP Plasma Levels. Cells, 2022, 11, 766.	1.8	4
80	Primary epidural lymphocyte-depleted Hodgkin's lymphoma of the thoracic spine – presentation of a rare disease variant. BMC Neurology, 2012, 12, 64.	0.8	3
81	Hemodynamic monitoring during surgeries in beach chair position: What can a big picture teach us?. Journal of Clinical Monitoring and Computing, 2017, 31, 873-875.	0.7	3
82	New Attempt to Reach a Common Sense in Pilonidal Sinus Therapy. Diseases of the Colon and Rectum, 2019, 62, e36-e38.	0.7	3
83	Perioperative Management of Mild Hemophilia B During and After Coronary Artery Bypass Grafting: Challenges and Solutions. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 549-555.	0.6	3
84	Preoperative patient evaluation: Challenges and opportunities. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2020, 34, 129-130.	1.7	3
85	Cytokine Removal in Critically Ill Patients Requiring Surgical Therapy for Infective Endocarditis (RECRATE). Medicine (United States), 2020, 99, e19580.	0.4	3
86	In Response. Anesthesia and Analgesia, 2020, 130, e114.	1.1	3
87	Potential Role of Reticulocyte Hemoglobin in Facilitating Patient Blood Management. Anesthesia and Analgesia, 2021, 132, e108-e109.	1.1	3
88	The current status of surgical pilonidal sinus disease therapy in Germany. European Surgery - Acta Chirurgica Austriaca, 0, , 1.	0.3	3
89	Biomarkers in Cardiac Surgery: Inch by Inch Toward Perioperative Organoprotection. Anesthesia and Analgesia, 2021, 132, 1545-1547.	1.1	3
90	Too little or too much anesthesia: Age paradox of electroencephalogram indices. Journal of Clinical Anesthesia, 2021, 73, 110358.	0.7	3

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91	Delta-Hemoglobin Equivalent and Granularity Index as Cell-Derived Biomarkers for the Detection of Bacterial Infections. <i>Clinical Laboratory</i> , 2021, 67, .	0.2	3
92	Resolution of Precapillary Pulmonary Hypertension After Liver Transplantation for Hereditary Hemorrhagic Telangiectasia: Systematic Review and Case Report. <i>Transplantation Proceedings</i> , 2022, 54, 135-143.	0.3	3
93	Technical skills in the operating room: Implications for perioperative leadership and patient outcomes. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 237-245.	1.7	3
94	Etomidate for critically ill patients. <i>European Journal of Anaesthesiology</i> , 2014, 31, 55-56.	0.7	2
95	Influence of Patient- and Procedure-Specific Factors on Operating Room Efficiency and Decision Making. , 0, , 135-139.		2
96	Leading in the time of crisis: Considerations for providing safe perioperative and intensive care. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 267-268.	1.7	2
97	The Venous Arterial Extracorporeal Membrane Oxygenation Weaning Checklist. <i>A&A Practice</i> , 2020, 14, e01199.	0.2	2
98	Letter to the Editor From Lukas Anderegg: "Pitfalls in Performing and Interpreting Inferior Petrosal Sinus Sampling: Personal Experience and Literature Review" <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3283-e3284.	1.8	2
99	EDCB ET AA: A Mnemonic for Resuscitating Hypothermic Patients Under Extreme Conditions. <i>Anesthesia and Analgesia</i> , 2022, 134, 1338-1339.	1.1	2
100	Building a well-balanced culture in the perioperative setting. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 247-256.	1.7	2
101	Pit picking vs. Limberg flap vs. primary open method to treat pilonidal sinus disease " A cohort of 327 consecutive patients. <i>Innovative Surgical Sciences</i> , 2022, .	0.4	2
102	Letter: The In Vivo Antitumoral Effects of Lipopolysaccharide Against Glioblastoma Multiforme are Mediated in Part by Toll-Like Receptor 4. <i>Neurosurgery</i> , 2018, 83, E128-E129.	0.6	1
103	Recurrence rates after uncommon surgical procedures for pilonidal sinus disease. <i>Coloproctology</i> , 2019, 41, 96-100.	0.3	1
104	Evaluation of Job Stress and Burnout Among Anesthesiologists Working in Academic Institutions in 2 Major Cities in Pakistan and the Global Perspective. <i>Anesthesia and Analgesia</i> , 2019, 129, e64.	1.1	1
105	High time for a holistic approach to perioperative care in urological surgery. <i>World Journal of Urology</i> , 2021, , 1.	1.2	1
106	Anaesthesia for minimally invasive cardiac procedures in the catheterization lab. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 437-442.	0.9	1
107	And then, there is the anaesthesiologist. <i>ANZ Journal of Surgery</i> , 2021, 91, 1633-1634.	0.3	1
108	Predicting outcome in abdominal sepsis: putting the puzzle together. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1119-1121.	2.9	1

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109	Instructions for a Highly Relevant Tool in Line With the United Nations Goals for Sustainable Development. <i>Anesthesia and Analgesia</i> , 2021, 133, 1129-1131.	1.1	1
110	Pain after cardiac surgery: Time to include multimodal pain management concepts in ERAS protocols. <i>Journal of Clinical Anesthesia</i> , 2022, 76, 110583.	0.7	1
111	Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma. <i>Journal of Clinical Anesthesia</i> , 2022, 78, 110650.	0.7	1
112	Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report. , 2021, 12, 205.		1
113	Administrative structures: Options for achieving success in perioperative medicine. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 257-263.	1.7	1
114	Develop a "Prevent Hypothermia Hood". <i>Anesthesia and Analgesia</i> , 2016, 123, 255-256.	1.1	0
115	In Response. <i>Anesthesia and Analgesia</i> , 2017, 125, 358-359.	1.1	0
116	Injury Patterns and Emergency Department Mortality After Unsuccessful Suicide. A Descriptive Study of a Consecutive Case Series. <i>International Surgery</i> , 2018, 103, 280-286.	0.0	0
117	Implications of Emotional Intelligence and Collaboration for Operating Room Leadership and Management. , 0, , 40-43.		0
118	Authors Reply. <i>Diseases of the Colon and Rectum</i> , 2018, 61, e12-e13.	0.7	0
119	A Guide for Submitting a Manuscript That Is Aligned With the Mission of A&A Practice. <i>A&A Practice</i> , 2019, 13, 325-328.	0.2	0
120	Eye Drops. <i>A&A Practice</i> , 2019, 13, 155-157.	0.2	0
121	A Time for All Things: The Life of Michael E. DeBakey. <i>Anesthesia and Analgesia</i> , 2020, 131, e63-e63.	1.1	0
122	Letter to the Editor: Comparison of Common Surgical Procedures in Non-Complicated Pilonidal Sinus Disease, a 7-Year Follow-Up Trial. <i>World Journal of Surgery</i> , 2021, 45, 2627-2628.	0.8	0
123	Anesthesia-Related Oncological Outcomes: Beyond Volatiles and Total Intravenous Anesthesia. <i>Anesthesia and Analgesia</i> , 2021, 132, e119-e120.	1.1	0
124	Predicting Fluid Responsiveness by Lung Recruitment Maneuver: One Step Closer to Personalized Perioperative Management. <i>Anesthesia and Analgesia</i> , 2021, 133, 41-43.	1.1	0
125	Many steps can be taken to enhance recovery after thoracic surgery. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 278.	0.4	0
126	Understanding perioperative patient blood management practices in Europe: Are we following the guidelines?. <i>Journal of Clinical Anesthesia</i> , 2021, 73, 110349.	0.7	0

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127	Anaesthesia and Rare Metabolic Disorders. , 2018, , 201-210.		0
128	Peer Review in Perioperative Medicine. , 2019, , 389-396.		0
129	Turkey is leading in the 21 century pilonidal sinus disease research. Turkish Journal of Surgery, 2020, 36, 284-290.	0.1	0
130	Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report. Surgical Neurology International, 2021, 12, 205.	0.2	0
131	Biomarkers and Cellular Biology in Perioperative Medicine. Cells, 2022, 11, 1147.	1.8	0
132	Ultrasound Offers a Change to Refine ATLS Standards. Anesthesia and Analgesia, 2022, 134, e3-e4.	1.1	0