

# Jan J De Waele

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7668627/jan-j-de-waele-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

294  
papers

15,623  
citations

60  
h-index

118  
g-index

341  
ext. papers

19,734  
ext. citations

7.1  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
294	Results from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. II. Recommendations. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 951-62	14.5	1324
293	Results from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. I. Definitions. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1722-32	14.5	1172
292	Micafungin versus caspofungin for treatment of candidemia and other forms of invasive candidiasis. <i>Clinical Infectious Diseases</i> , <b>2007</b> , 45, 883-93	11.6	1030
291	Intra-abdominal hypertension and the abdominal compartment syndrome: updated consensus definitions and clinical practice guidelines from the World Society of the Abdominal Compartment Syndrome. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1190-206	14.5	843
290	Clinical and economic outcomes in critically ill patients with nosocomial catheter-related bloodstream infections. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 41, 1591-8	11.6	808
289	DALI: defining antibiotic levels in intensive care unit patients: are current $\beta$ -lactam antibiotic doses sufficient for critically ill patients?. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 58, 1072-83	11.6	564
288	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 380-398	14.5	319
287	Gastrointestinal function in intensive care patients: terminology, definitions and management. Recommendations of the ESICM Working Group on Abdominal Problems. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 384-94	14.5	255
286	What is normal intra-abdominal pressure and how is it affected by positioning, body mass and positive end-expiratory pressure?. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 969-76	14.5	199
285	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1181-1247	14.5	199
284	Antimicrobial therapeutic drug monitoring in critically ill adult patients: a Position Paper. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1127-1153	14.5	184
283	Decompressive laparotomy for abdominal compartment syndrome--a critical analysis. <i>Critical Care</i> , <b>2006</b> , 10, R51	10.8	181
282	High-protein enteral nutrition enriched with immune-modulating nutrients vs standard high-protein enteral nutrition and nosocomial infections in the ICU: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 514-24	27.4	175
281	An international, multicentre survey of $\beta$ -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2014</b> , 69, 1416-23	5.1	144
280	Augmented renal clearance is a common finding with worse clinical outcome in critically ill patients receiving antimicrobial therapy. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 695-700	4	143
279	Prevalence and Outcomes of Infection Among Patients in Intensive Care Units in 2017. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1478-1487	27.4	136
278	Meropenem and piperacillin/tazobactam prescribing in critically ill patients: does augmented renal clearance affect pharmacokinetic/pharmacodynamic target attainment when extended infusions are used?. <i>Critical Care</i> , <b>2013</b> , 17, R84	10.8	133

277	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143	1.4	131
276	Outcome and changes over time in survival following severe burns from 1985 to 2004. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 1648-53	14.5	127
275	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 110	8.9	122
274	Intra-abdominal hypertension in patients with severe acute pancreatitis. <i>Critical Care</i> , <b>2005</b> , 9, R452-7	10.8	119
273	Critical issues in the clinical management of complicated intra-abdominal infections. <i>Drugs</i> , <b>2005</b> , 65, 1611-20	12.1	117
272	Risk factors for target non-attainment during empirical treatment with $\beta$ -lactam antibiotics in critically ill patients. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1340-51	14.5	112
271	Oral care practices in intensive care units: a survey of 59 European ICUs. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1066-70	14.5	112
270	A Systematic Review of the Definitions, Determinants, and Clinical Outcomes of Antimicrobial De-escalation in the Intensive Care Unit. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 1009-1017	11.6	111
269	Personal protective equipment and intensive care unit healthcare worker safety in the COVID-19 era (PPE-SAFE): An international survey. <i>Journal of Critical Care</i> , <b>2020</b> , 59, 70-75	4	110
268	Intra-abdominal Hypertension and Abdominal Compartment Syndrome. <i>American Journal of Kidney Diseases</i> , <b>2011</b> , 57, 159-69	7.4	110
267	Preventive and therapeutic strategies in critically ill patients with highly resistant bacteria. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 776-95	14.5	105
266	Is prolonged infusion of piperacillin/tazobactam and meropenem in critically ill patients associated with improved pharmacokinetic/pharmacodynamic and patient outcomes? An observation from the Defining Antibiotic Levels in Intensive care unit patients (DALI) cohort. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 71, 186-197	5.1	104
265	Fungal infections in patients with severe acute pancreatitis and the use of prophylactic therapy. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 37, 208-13	11.6	104
264	Therapeutic drug monitoring-based dose optimisation of piperacillin and meropenem: a randomised controlled trial. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 380-7	14.5	101
263	Thrombocytopenia and outcome in critically ill patients with bloodstream infection. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2010</b> , 39, 21-6	2.6	101
262	Management of intra-abdominal infections: recommendations by the WSES 2016 consensus conference. <i>World Journal of Emergency Surgery</i> , <b>2017</b> , 12, 22	9.2	100
261	The impact of body position on intra-abdominal pressure measurement: a multicenter analysis. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2187-90	1.4	99
260	Task force on management and prevention of <i>Acinetobacter baumannii</i> infections in the ICU. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 2057-75	14.5	95

259	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , <b>2016</b> , 11, 33	9.2	95
258	The effect of neuromuscular blockers in patients with intra-abdominal hypertension. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1811-4	14.5	93
257	Colonization status and appropriate antibiotic therapy for nosocomial bacteremia caused by antibiotic-resistant gram-negative bacteria in an intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , <b>2005</b> , 26, 575-9	2	88
256	Sodium bicarbonate for prevention of contrast-induced acute kidney injury: a systematic review and meta-analysis. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 747-58	4.3	86
255	Intra-abdominal hypertension in acute pancreatitis. <i>World Journal of Surgery</i> , <b>2009</b> , 33, 1128-33	3.3	86
254	Saline volume in transvesical intra-abdominal pressure measurement: enough is enough. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 455-9	14.5	85
253	Pharmacokinetic variability and exposures of fluconazole, anidulafungin, and caspofungin in intensive care unit patients: Data from multinational Defining Antibiotic Levels in Intensive care unit (DALI) patients Study. <i>Critical Care</i> , <b>2015</b> , 19, 33	10.8	83
252	The ADMIN-ICU survey: a survey on antimicrobial dosing and monitoring in ICUs. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 2671-7	5.1	82
251	Extrapancreatic inflammation on abdominal computed tomography as an early predictor of disease severity in acute pancreatitis: evaluation of a new scoring system. <i>Pancreas</i> , <b>2007</b> , 34, 185-90	2.6	81
250	Isavuconazole Versus Caspofungin in the Treatment of Candidemia and Other Invasive Candida Infections: The ACTIVE Trial. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 1981-1989	11.6	81
249	Rationalizing antimicrobial therapy in the ICU: a narrative review. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 172-189	14.5	79
248	Quantification of seven $\beta$ -lactam antibiotics and two $\beta$ -lactamase inhibitors in human plasma using a validated UPLC-MS/MS method. <i>International Journal of Antimicrobial Agents</i> , <b>2012</b> , 40, 416-22	14.3	77
247	Candida peritonitis. <i>Current Opinion in Critical Care</i> , <b>2007</b> , 13, 195-9	3.5	74
246	The use of bio-electrical impedance analysis (BIA) to guide fluid management, resuscitation and deresuscitation in critically ill patients: a bench-to-bedside review. <i>Anesthesiology Intensive Therapy</i> , <b>2014</b> , 46, 381-91	1.7	74
245	Comparison of different equations to assess glomerular filtration in critically ill patients. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 427-35	14.5	71
244	ESICM/ESCMID task force on practical management of invasive candidiasis in critically ill patients. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 789-805	14.5	70
243	Abdominal compartment syndrome: it's time to pay attention!. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1912-4	14.5	67
242	Determinants of prescription and choice of empirical therapy for hospital-acquired and ventilator-associated pneumonia. <i>European Respiratory Journal</i> , <b>2011</b> , 37, 1332-9	13.6	66

241	Assays for therapeutic drug monitoring of $\beta$ -lactam antibiotics: A structured review. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 46, 367-75	14.3	65
240	Antimicrobial resistance and antibiotic stewardship programs in the ICU: insistence and persistence in the fight against resistance. A position statement from ESICM/ESCMID/WAAAR round table on multi-drug resistance. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 189-196	14.5	65
239	Does contemporary vancomycin dosing achieve therapeutic targets in a heterogeneous clinical cohort of critically ill patients? Data from the multinational DALI study. <i>Critical Care</i> , <b>2014</b> , 18, R99	10.8	65
238	Abdominal infections in the intensive care unit: characteristics, treatment and determinants of outcome. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 420	4	64
237	Effect of fluconazole consumption on long-term trends in candidal ecology. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 58, 474-7	5.1	61
236	Long-term outcome in ICU patients with acute kidney injury treated with renal replacement therapy: a prospective cohort study. <i>Critical Care</i> , <b>2016</b> , 20, 256	10.8	60
235	The role of infection models and PK/PD modelling for optimising care of critically ill patients with severe infections. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1021-1032	14.5	59
234	Essentials for selecting antimicrobial therapy for intra-abdominal infections. <i>Drugs</i> , <b>2012</b> , 72, e17-32	12.1	59
233	Epidemiology of contrast-associated acute kidney injury in ICU patients: a retrospective cohort analysis. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1921-31	14.5	57
232	Current insights in intra-abdominal hypertension and abdominal compartment syndrome: open the abdomen and keep it open!. <i>Langenbeck's Archives of Surgery</i> , <b>2008</b> , 393, 833-47	3.4	57
231	De-escalation after empirical meropenem treatment in the intensive care unit: fiction or reality?. <i>Journal of Critical Care</i> , <b>2010</b> , 25, 641-6	4	55
230	Ultrafast quantification of $\beta$ -lactam antibiotics in human plasma using UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 978-979, 89-94	3.2	53
229	Therapeutic management of peritonitis: a comprehensive guide for intensivists. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1234-47	14.5	52
228	Randomized trial of micafungin for the prevention of invasive fungal infection in high-risk liver transplant recipients. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 997-1006	11.6	52
227	Decompressive laparotomy for abdominal compartment syndrome. <i>British Journal of Surgery</i> , <b>2016</b> , 103, 709-715	5.3	52
226	Rational intraabdominal pressure monitoring: how to do it?. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 16-25	1.8	51
225	Physiologic consequences of acute renal failure on the critically ill. <i>Critical Care Clinics</i> , <b>2005</b> , 21, 251-60	4.5	48
224	European intensive care physicians' experience of infections due to antibiotic-resistant bacteria. <i>Antimicrobial Resistance and Infection Control</i> , <b>2020</b> , 9, 1	6.2	48

223	The role of abdominal compliance, the neglected parameter in critically ill patients - a consensus review of 16. Part 2: measurement techniques and management recommendations. <i>Anaesthesiology Intensive Therapy</i> , <b>2014</b> , 46, 406-32	1.7	47
222	Epidemiology of infection in critically ill patients with acute renal failure. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2203-9	1.4	47
221	The use of the activated clotting time for monitoring heparin therapy in critically ill patients. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 325-8	14.5	46
220	The role of abdominal compliance, the neglected parameter in critically ill patients - a consensus review of 16. Part 1: definitions and pathophysiology. <i>Anaesthesiology Intensive Therapy</i> , <b>2014</b> , 46, 392-403	1.7	46
219	Amended Classification of the Open Abdomen. <i>Scandinavian Journal of Surgery</i> , <b>2016</b> , 105, 5-10	3.1	46
218	Antimicrobial de-escalation in critically ill patients: a position statement from a task force of the European Society of Intensive Care Medicine (ESICM) and European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Critically Ill Patients Study Group (ESGCIP). <i>Intensive Care Medicine</i> , <b>2020</b> , 45, 245-247	14.5	45
217	Intra-abdominal hypertension: definitions, monitoring, interpretation and management. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2013</b> , 27, 249-70	4	43
216	A role for muscle relaxation in patients with abdominal compartment syndrome?. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 332	14.5	43
215	Postoperative multisegmental lumbar discitis treated by staged ventrodorsoventral intervention. <i>Surgical Infections</i> , <b>2007</b> , 8, 529-34	2	41
214	Intra-abdominal hypertension and abdominal compartment syndrome in burns, obesity, pregnancy, and general medicine. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 228-40	1.7	41
213	Impact of de-escalation of beta-lactam antibiotics on the emergence of antibiotic resistance in ICU patients: a retrospective observational study. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1029-39	14.5	41
212	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSeS", a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1703-1717	14.5	40
211	Recommendations for research from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. <i>Acta Clinica Belgica</i> , <b>2009</b> , 64, 203-9	1.8	40
210	IAH/ACS: the rationale for surveillance. <i>World Journal of Surgery</i> , <b>2009</b> , 33, 1110-5	3.3	40
209	Early source control in sepsis. <i>Langenbeck's Archives of Surgery</i> , <b>2010</b> , 395, 489-94	3.4	40
208	Management of abdominal sepsis--a paradigm shift?. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 400-8	1.7	40
207	Absence of excess mortality in critically ill patients with nosocomial Escherichia coli bacteremia. <i>Infection Control and Hospital Epidemiology</i> , <b>2003</b> , 24, 912-5	2	37
206	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 1369-1378	11.6	37

205	Population pharmacokinetics and dosing simulations of amoxicillin/clavulanic acid in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 2600-8	5.1	36
204	Continuous intra-abdominal pressure monitoring. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 26-32	1.8	36
203	Developing definitions for invasive fungal diseases in critically ill adult patients in intensive care units. Protocol of the FUNgal infections Definitions in ICU patients (FUNDICU) project. <i>Mycoses</i> , <b>2019</b> , 62, 310-319	5.2	36
202	Necrotizing skin and soft-tissue infections in the intensive care unit. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 8-17	9.5	36
201	The defining a model for antimicrobial stewardship-results from an international cross-sectional survey. <i>World Journal of Emergency Surgery</i> , <b>2017</b> , 12, 34	9.2	35
200	Antimicrobial prophylaxis in liver transplant patients--a multicenter survey endorsed by the European Liver and Intestine Transplant Association. <i>Transplant International</i> , <b>2010</b> , 23, 182-90	3	35
199	Clinical review: Intra-abdominal hypertension: does it influence the physiology of prone ventilation?. <i>Critical Care</i> , <b>2010</b> , 14, 232	10.8	35
198	Emergence of antibiotic resistance in infected pancreatic necrosis. <i>Archives of Surgery</i> , <b>2004</b> , 139, 1371-5		35
197	Epidemiology of augmented renal clearance in mixed ICU patients. <i>Minerva Anestesiologica</i> , <b>2015</b> , 81, 1079-85	1.9	35
196	DALI: Defining Antibiotic Levels in Intensive care unit patients: a multi-centre point of prevalence study to determine whether contemporary antibiotic dosing for critically ill patients is therapeutic. <i>BMC Infectious Diseases</i> , <b>2012</b> , 12, 152	4	34
195	Intra-abdominal hypertension and abdominal compartment syndrome in pancreatitis, paediatrics, and trauma. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 219-27	1.7	33
194	Does consistent piperacillin dosing result in consistent therapeutic concentrations in critically ill patients? A longitudinal study over an entire antibiotic course. <i>International Journal of Antimicrobial Agents</i> , <b>2014</b> , 43, 470-3	14.3	33
193	The effect of different reference transducer positions on intra-abdominal pressure measurement: a multicenter analysis. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 1299-303	14.5	33
192	The secondary and recurrent abdominal compartment syndrome. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 60-5	1.8	32
191	Population pharmacokinetics and evaluation of the predictive performance of pharmacokinetic models in critically ill patients receiving continuous infusion meropenem: a comparison of eight pharmacokinetic models. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 432-441	5.1	32
190	Transvesical intra-abdominal pressure measurement using minimal instillation volumes: how low can we go?. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 746-50	14.5	31
189	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1974-1982	1.4	31
188	Very high intact-protein formula successfully provides protein intake according to nutritional recommendations in overweight critically ill patients: a double-blind randomized trial. <i>Critical Care</i> , <b>2018</b> , 22, 156	10.8	30



187	What every ICU clinician needs to know about the cardiovascular effects caused by abdominal hypertension. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 388-99	1.7	30
186	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 486	10.8	30
185	Population pharmacokinetics of continuous infusion of piperacillin in critically ill patients. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 594-600	14.3	29
184	Variability in protein binding of teicoplanin and achievement of therapeutic drug monitoring targets in critically ill patients: lessons from the DALI Study. <i>International Journal of Antimicrobial Agents</i> , <b>2014</b> , 43, 423-30	14.3	29
183	Perioperative factors determine outcome after surgery for severe acute pancreatitis. <i>Critical Care</i> , <b>2004</b> , 8, R504-11	10.8	29
182	Factors associated with inadequate early vancomycin levels in critically ill patients treated with continuous infusion. <i>International Journal of Antimicrobial Agents</i> , <b>2013</b> , 41, 434-8	14.3	28
181	Acute pancreatitis: radiologic scores in predicting severity and outcome. <i>Abdominal Imaging</i> , <b>2010</b> , 35, 349-61		28
180	Abdominal compartment syndrome and acute pancreatitis. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 131-5	1.8	27
179	Influence of matching for exposure time on estimates of attributable mortality caused by nosocomial bacteremia in critically ill patients. <i>Infection Control and Hospital Epidemiology</i> , <b>2005</b> , 26, 352-6		27
178	European Society of clinical microbiology and infectious diseases (ESCMID) guidelines for the treatment of infections caused by Multidrug-resistant Gram-negative bacilli (endorsed by ESICM -European Society of intensive care Medicine).. <i>Clinical Microbiology and Infection</i> , <b>2021</b> ,	9.5	27
177	Antimicrobial de-escalation as part of antimicrobial stewardship in intensive care: no simple answers to simple questions-a viewpoint of experts. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 236-244	14.5	27
176	A Clinician's Guide to Management of Intra-abdominal Hypertension and Abdominal Compartment Syndrome in Critically Ill Patients. <i>Critical Care</i> , <b>2020</b> , 24, 97	10.8	26
175	A survey of beta-lactam antibiotics and vancomycin dosing strategies in intensive care units and general wards in Belgian hospitals. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2013</b> , 32, 763-8	5.3	26
174	Semicontinuous intra-abdominal pressure measurement using an intragastric Compliance catheter. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1297-1300	14.5	26
173	A user's guide to intra-abdominal pressure measurement. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 241-51	1.7	26
172	Population pharmacokinetics and dosing simulations of cefuroxime in critically ill patients: non-standard dosing approaches are required to achieve therapeutic exposures. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2014</b> , 69, 2797-803	5.1	25
171	Rational intraabdominal pressure monitoring: how to do it?. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 16-25	1.8	25
170	Lung penetration, bronchopulmonary pharmacokinetic/pharmacodynamic profile and safety of 3 g of ceftolozane/tazobactam administered to ventilated, critically ill patients with pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 1546-1553	5.1	24



169	Subtleties in practical application of prolonged infusion of $\beta$ -lactam antibiotics. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 45, 461-3	14.3	24
168	Methodological background and strategy for the 2012-2013 updated consensus definitions and clinical practice guidelines from the abdominal compartment society. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47 Spec No, s63-77	1.7	24
167	Effect of decompressive laparotomy on organ function in patients with abdominal compartment syndrome: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2018</b> , 22, 179	10.8	23
166	Does femoral venous pressure measurement correlate well with intrablower pressure measurement? A multicenter observational trial. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1620-7	14.5	23
165	Relative adrenal insufficiency in patients with severe acute pancreatitis. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 1754-60	14.5	23
164	Intra-abdominal hypertension and the effect on renal function. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 2, 371-4	1.8	23
163	The significance of intra-abdominal pressure in neurosurgery and neurological diseases: a narrative review and a conceptual proposal. <i>Acta Neurochirurgica</i> , <b>2019</b> , 161, 855-864	3	22
162	Abdominal Sepsis. <i>Current Infectious Disease Reports</i> , <b>2016</b> , 18, 23	3.9	22
161	Diagnosis and management of temperature abnormality in ICUs: a EURO-BACT investigators' survey. <i>Critical Care</i> , <b>2013</b> , 17, R289	10.8	21
160	A Global Declaration on Appropriate Use of Antimicrobial Agents across the Surgical Pathway. <i>Surgical Infections</i> , <b>2017</b> , 18, 846-853	2	21
159	Acute pancreatitis. <i>Current Opinion in Critical Care</i> , <b>2014</b> , 20, 189-95	3.5	21
158	Phenytoin intoxication in critically ill patients. <i>American Journal of Kidney Diseases</i> , <b>2005</b> , 45, 189-92	7.4	20
157	Coagulopathy, hypothermia and acidosis in trauma patients: the rationale for damage control surgery. <i>Acta Chirurgica Belgica</i> , <b>2002</b> , 102, 313-6	0.9	20
156	Update from the Abdominal Compartment Society (WSACS) on intra-abdominal hypertension and abdominal compartment syndrome: past, present, and future beyond Banff 2017. <i>Anaesthesiology Intensive Therapy</i> , <b>2017</b> , 49, 83-87	1.7	20
155	Measuring unbound versus total vancomycin concentrations in serum and plasma: methodological issues and relevance. <i>Therapeutic Drug Monitoring</i> , <b>2015</b> , 37, 180-7	3.2	19
154	Infections and use of antibiotics in patients admitted for severe acute pancreatitis: data from the EPIC II study. <i>Surgical Infections</i> , <b>2014</b> , 15, 394-8	2	19
153	Severe lactic acidosis in critically ill patients with acute kidney injury treated with renal replacement therapy. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 650-5	4	19
152	Abdominal decompression for abdominal compartment syndrome in critically ill patients: a retrospective study. <i>Acta Clinica Belgica</i> , <b>2010</b> , 65, 399-403	1.8	19

151	Life Saving Abdominal Decompression in a Patient with Severe Acute Pancreatitis. <i>Acta Chirurgica Belgica</i> , <b>2005</b> , 105, 96-98	0.9	19
150	Understanding abdominal compartment syndrome. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1068-70	14.5	18
149	Antimicrobial de-escalation in the critically ill patient and assessment of clinical cure: the DIANA study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1404-1417	14.5	18
148	Randomised clinical trial of moxifloxacin versus ertapenem in complicated intra-abdominal infections: results of the PROMISE study. <i>International Journal of Antimicrobial Agents</i> , <b>2013</b> , 41, 57-64	14.3	18
147	Infectious complications of acute pancreatitis. <i>Acta Clinica Belgica</i> , <b>2004</b> , 59, 90-6	1.8	18
146	Early target attainment of continuous infusion piperacillin/tazobactam and meropenem in critically ill patients: A prospective observational study. <i>Journal of Critical Care</i> , <b>2019</b> , 52, 75-79	4	17
145	A step-up approach, or open necrosectomy for necrotizing pancreatitis. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 1286; author reply 1287	59.2	17
144	A Simulation Study Reveals Lack of Pharmacokinetic/Pharmacodynamic Target Attainment in De-escalated Antibiotic Therapy in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4689-94	5.9	16
143	Exploration of the pre-analytical stability of $\beta$ -lactam antibiotics in plasma and blood—implications for therapeutic drug monitoring and pharmacokinetic studies. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, e227-30	5.9	16
142	Costs and length of stay associated with antimicrobial resistance in acute kidney injury patients with bloodstream infection. <i>Acta Clinica Belgica</i> , <b>2008</b> , 63, 31-8	1.8	16
141	Health implications of antimicrobial resistance for patients with acute kidney injury and bloodstream infection. <i>Infection Control and Hospital Epidemiology</i> , <b>2007</b> , 28, 1107-10	2	16
140	Survey on the perception and management of the abdominal compartment syndrome among Belgian surgeons. <i>Acta Chirurgica Belgica</i> , <b>2007</b> , 107, 648-52	0.9	16
139	How to deal with an open abdomen?. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 372-8	1.7	16
138	Clinical controversies in abdominal sepsis. Insights for critical care settings. <i>Journal of Critical Care</i> , <b>2019</b> , 53, 53-58	4	15
137	Efficacy of micafungin in invasive candidiasis caused by common <i>Candida</i> species with special emphasis on non-albicans <i>Candida</i> species. <i>Mycoses</i> , <b>2014</b> , 57, 79-89	5.2	15
136	Rational use of antimicrobials in patients with severe acute pancreatitis. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2011</b> , 32, 174-80	3.9	15
135	Development of antibiotic treatment algorithms based on local ecology and respiratory surveillance cultures to restrict the use of broad-spectrum antimicrobial drugs in the treatment of hospital-acquired pneumonia in the intensive care unit: a retrospective analysis. <i>Critical Care</i> , <b>2014</b> , 18, R152	10.8	14
134	Modulation of seizure threshold by vagus nerve stimulation in an animal model for motor seizures. <i>Acta Neurologica Scandinavica</i> , <b>2010</b> , 121, 271-6	3.8	14

133	The effect of tube thoracostomy on oxygenation in ICU patients. <i>Journal of Intensive Care Medicine</i> , <b>2003</b> , 18, 100-4	3.3	14
132	Awareness and knowledge of intra-abdominal hypertension and abdominal compartment syndrome: results of an international survey. <i>Anaesthesiology Intensive Therapy</i> , <b>2015</b> , 47, 14-29	1.7	14
131	What about confidence intervals? A word of caution when interpreting PTA simulations. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2502-8	5.1	14
130	Optimal duration of antibiotic treatment in Gram-negative infections. <i>Current Opinion in Infectious Diseases</i> , <b>2018</b> , 31, 606-611	5.4	14
129	A complete and multifaceted overview of antibiotic use and infection diagnosis in the intensive care unit: results from a prospective four-year registration. <i>Critical Care</i> , <b>2018</b> , 22, 241	10.8	14
128	Adrenal insufficiency in severe acute pancreatitis. <i>Pancreas</i> , <b>2003</b> , 27, 244-6	2.6	13
127	Antibiotic stewardship in sepsis management: toward a balanced use of antibiotics for the severely ill patient. <i>Expert Review of Anti-Infective Therapy</i> , <b>2019</b> , 17, 89-97	5.5	12
126	Serum urea concentration is probably not related to outcome in ICU patients with AKI and renal replacement therapy. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 3211-8	4.3	12
125	Surgical decompression for abdominal compartment syndrome after emergency cardiac surgery. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 2133-5	2.7	12
124	Blunt Cardiac Injury in Patients with Isolated Sternal Fractures: the Importance of Fracture Grading. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2002</b> , 28, 178-182		12
123	Criteria for a diagnosis of abdominal compartment syndrome. <i>Canadian Journal of Surgery</i> , <b>2009</b> , 52, 315-316	2	12
122	Awareness and knowledge of intra-abdominal hypertension and abdominal compartment syndrome: results of a repeat, international, cross-sectional survey. <i>Anaesthesiology Intensive Therapy</i> , <b>2019</b> , 51, 186-199	1.7	11
121	Abdominal Compartment Syndrome in Severe Acute Pancreatitis - When to Decompress?. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2008</b> , 34, 11-6	2.3	11
120	Antimicrobial stewardship in ICUs during the COVID-19 pandemic: back to the 90s?. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 104-106	14.5	11
119	Continuous intra-abdominal pressure monitoring. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 26-32	1.8	11
118	Understanding antibiotic stewardship for the critically ill. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 2063-2065	14.5	10
117	Pharmacokinetics and Pharmacodynamics of Ceftolozane/Tazobactam in Critically Ill Patients With Augmented Renal Clearance. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 57, 106299	14.3	10
116	Elaboration of Consensus Clinical Endpoints to Evaluate Antimicrobial Treatment Efficacy in Future Hospital-acquired/Ventilator-associated Bacterial Pneumonia Clinical Trials. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1912-1918	11.6	9

115	What is new in the use of aminoglycosides in critically ill patients?. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1553-1559	3.5	9
114	Is intra-abdominal hypertension a missing factor that drives multiple organ dysfunction syndrome?. <i>Critical Care</i> , <b>2014</b> , 18, 124	10.8	9
113	Stability of amoxicillin and amoxicillin/clavulanic acid reconstituted in isotonic saline. <i>Journal of Chemotherapy</i> , <b>2017</b> , 29, 54-56	2.3	9
112	Use of antibiotics in severe acute pancreatitis. <i>Expert Review of Anti-Infective Therapy</i> , <b>2010</b> , 8, 317-24	5.5	9
111	Thrombosis of an Aneurysm of the Basilic Vein Upper Extremity Venous Aneurysm. <i>Acta Chirurgica Belgica</i> , <b>2001</b> , 101, 308-309	0.9	9
110	Temporary abdominal closure techniques. <i>American Surgeon</i> , <b>2011</b> , 77 Suppl 1, S46-50	0.8	9
109	A protocol for a phase 3 multicentre randomised controlled trial of continuous versus intermittent $\beta$ -lactam antibiotic infusion in critically ill patients with sepsis: BLING III. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2019</b> , 21, 63-68	2.8	9
108	Saturable elimination of piperacillin in critically ill patients: implications for continuous infusion. <i>International Journal of Antimicrobial Agents</i> , <b>2019</b> , 54, 741-749	14.3	8
107	Intra-abdominal pressure measurements in lateral decubitus versus supine position. <i>Acta Clinica Belgica</i> , <b>2009</b> , 64, 210-5	1.8	8
106	Propofol infusion syndrome in a patient with sepsis. <i>Anaesthesia and Intensive Care</i> , <b>2006</b> , 34, 676-7	1.1	8
105	Fluid vs. air for semicontinuous intra-abdominal pressure measurements using a compliance catheter. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 598-9	14.5	8
104	Postoperative Lavage and On Demand Surgical Intervention in the Treatment of Acute Necrotizing Pancreatitis. <i>Acta Chirurgica Belgica</i> , <b>2000</b> , 100, 16-20	0.9	8
103	Life saving abdominal decompression in a patient with severe acute pancreatitis. <i>Acta Chirurgica Belgica</i> , <b>2005</b> , 105, 96-8	0.9	8
102	Measuring antibiotics in exhaled air in critically ill, non-ventilated patients: A feasibility and proof of concept study. <i>Journal of Critical Care</i> , <b>2019</b> , 51, 46-50	4	7
101	A Practical Approach to Clinical Antibiotic Stewardship in the ICU Patient with Severe Infection. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2019</b> , 40, 435-446	3.9	7
100	How to treat infections in a surgical intensive care unit. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 193	4	7
99	Acute kidney injury in the intensive care unit: it's the gene, stupid!. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 3266-74	7.4	7
98	Prolonged Versus Intermittent Infusion of $\beta$ -Lactam Antibiotics: A Systematic Review and Meta-Regression of Bacterial Killing in Preclinical Infection Models. <i>Clinical Pharmacokinetics</i> , <b>2020</b> , 59, 1237-1250	6.2	7

97	Measuring Unbound Versus Total Piperacillin Concentrations in Plasma of Critically Ill Patients: Methodological Issues and Relevance. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 325-330	3.2	7
96	Emergence of antimicrobial resistance to piperacillin/tazobactam or meropenem in the ICU: Intermittent versus continuous infusion. A retrospective cohort study. <i>Journal of Critical Care</i> , <b>2018</b> , 47, 164-168	4	7
95	Nonoperative management of intra-abdominal hypertension and abdominal compartment syndrome: evolving concepts. <i>American Surgeon</i> , <b>2011</b> , 77 Suppl 1, S34-41	0.8	7
94	Aminoglycosides for life-threatening infections: a plea for an individualized approach using intensive therapeutic drug monitoring. <i>Minerva Anestesiologica</i> , <b>2014</b> , 80, 1135-42	1.9	7
93	Moxifloxacin dosing in post-bariatric surgery patients. <i>British Journal of Clinical Pharmacology</i> , <b>2014</b> , 78, 84-93	3.8	6
92	Beta-lactam antibiotic dosing during continuous renal replacement therapy: how can we optimize therapy?. <i>Critical Care</i> , <b>2014</b> , 18, 158	10.8	6
91	The value of IL-6 in predicting the severity of acute pancreatitis. <i>Journal of Clinical Gastroenterology</i> , <b>2007</b> , 41, 534; author reply 534-5	3	6
90	Intraabdominal hypertension and abdominal compartment syndrome: we have paid attention, now it is time to understand!. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 6-8	1.8	6
89	Diagnosis of myocardial perforation by a Greenfield filter made by transesophageal echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2002</b> , 15, 374-5	5.8	6
88	Limy Bile and Laparoscopic Cholecystectomy. <i>Acta Chirurgica Belgica</i> , <b>2001</b> , 101, 31-34	0.9	6
87	Fluid Resuscitation and Intra-abdominal Hypertension. <i>Yearbook of Intensive Care and Emergency Medicine</i> , <b>2008</b> , 536-548		6
86	Therapeutic drug monitoring of $\beta$ -lactam antibiotics in the ICU. <i>Expert Review of Anti-Infective Therapy</i> , <b>2020</b> , 18, 1155-1164	5.5	5
85	Targeted temperature management and neuroprognostication after cardiac arrest: A survey in Belgium. <i>Resuscitation</i> , <b>2015</b> , 96, e1-2	4	5
84	Management of necrotizing skin and soft tissue infections. <i>Expert Review of Anti-Infective Therapy</i> , <b>2012</b> , 10, 805-14	5.5	5
83	How to remove accumulated iodine in burn-injured patients. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1614-20	4.3	5
82	A role for prophylactic antibiotics in necrotizing pancreatitis? Why we may never know the answer. <i>Critical Care</i> , <b>2008</b> , 12, 195	10.8	5
81	Continuous intra-abdominal pressure monitoring: this is the way to go!. <i>International Journal of Clinical Practice</i> , <b>2008</b> , 62, 359-62	2.9	5
80	Intra-abdominal pressure measurement and abdominal compartment syndrome: the opinion of the World Society of the Abdominal Compartment Syndrome. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 677-8; author reply 678-9	1.4	5

79	Splenic herniation causing massive haemothorax after blunt trauma. <i>Emergency Medicine Journal</i> , <b>1999</b> , 16, 383-4	1.5	5
78	CLINICAL EVALUATION OF THE NEXT GENERATION FOLEYMANOMETER (FOLEYMANOMETER LV).. <i>Critical Care Medicine</i> , <b>2006</b> , 34, A70	1.4	5
77	Multidrug-resistant bacteria in ICU: fact or myth. <i>Current Opinion in Anaesthesiology</i> , <b>2020</b> , 33, 156-161	2.9	5
76	Antimicrobial stewardship, therapeutic drug monitoring and infection management in the ICU: results from the international A- TEAMICU survey. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 131	8.9	5
75	Antimicrobial stewardship in the ICU in COVID-19 times: the known unknowns. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 58, 106409	14.3	5
74	Abdominal compartment syndrome and acute pancreatitis. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 131-5	1.8	5
73	Efficacy and safety of moxifloxacin in hospitalized patients with secondary peritonitis: pooled analysis of four randomized phase III trials. <i>Surgical Infections</i> , <b>2014</b> , 15, 567-75	2	4
72	Identifying patients at risk for augmented renal clearance in the ICU - limitations and challenges. <i>Critical Care</i> , <b>2013</b> , 17, 130	10.8	4
71	To which extent can we decrease antibiotic duration in critically ill patients?. <i>Expert Review of Clinical Pharmacology</i> , <b>2017</b> , 10, 1215-1223	3.8	4
70	Intra-abdominal hypertension, prone ventilation, and abdominal suspension. <i>Journal of Trauma</i> , <b>2010</b> , 68, 1017		4
69	How does Intra-abdominal Pressure Affect the Daily Management of My Patients? <b>2009</b> , 629-645		4
68	Intra-Abdominal Hypertension <b>2013</b> ,		4
67	Intra-Abdominal Hypertension and the Abdominal Compartment Syndrome <b>2016</b> , 621-644		4
66	Augmented renal clearance in critically ill COVID-19 patients: Forewarned is forearmed. <i>Journal of Critical Care</i> , <b>2021</b> , 66, 93-95	4	4
65	Target Controlled Infusion in the ICU: An Opportunity to Optimize Antibiotic Therapy. <i>Annual Update in Intensive Care and Emergency Medicine</i> , <b>2019</b> , 497-506	0.2	3
64	Antimicrobial De-Escalation in the ICU: From Recommendations to Level of Evidence. <i>Advances in Therapy</i> , <b>2020</b> , 37, 3083-3096	4.1	3
63	Overview of the recent definitions and terminology for acute gastrointestinal injury, intra-abdominal hypertension and the abdominal compartment syndrome. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , <b>2014</b> , 23, 379-393		3
62	Variability of CT contrast enhancement in the pancreas: a cause for concern?. <i>Pancreatology</i> , <b>2011</b> , 11, 588-94	3.8	3



61	Abdominal decompression for intra-abdominal hypertension after simultaneous pancreas-kidney transplantation. <i>Clinical Transplantation</i> , <b>2010</b> , 24, 118-21	3.8	3
60	Severity prediction in acute pancreatitis: the role of early CT scan. <i>Abdominal Imaging</i> , <b>2007</b> , 32, 265-6		3
59	Bloodstream infections after surgery for severe acute pancreatitis. <i>Pancreas</i> , <b>2004</b> , 28, 391-4	2.6	3
58	Bronchial Rupture after Direct Chest Trauma in a Child. <i>Acta Chirurgica Belgica</i> , <b>2001</b> , 101, 40-41	0.9	3
57	Surgeons and the Internet. <i>The European Journal of Surgery</i> , <b>1999</b> , 165, 83-6		3
56	Translumbar Extraperitoneal Decompression for Abdominal Compartment Syndrome After Endovascular Treatment of a Ruptured AAA. <i>Journal of Endovascular Therapy</i> , <b>2003</b> , 10, 933-935	2.5	3
55	Antimicrobial Lessons From a Large Observational Cohort on Intra-abdominal Infections in Intensive Care Units. <i>Drugs</i> , <b>2021</b> , 81, 1065-1078	12.1	3
54	Empiric cone-beam CT-guided embolization in acute lower gastrointestinal bleeding. <i>European Radiology</i> , <b>2021</b> , 31, 2161-2172	8	3
53	Reply to Rhodes et al. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 59, 907-8	11.6	2
52	In Reply to 'Intra-abdominal Pressure Can Be Estimated Inexpensively by the Sagittal Abdominal Diameter'. <i>American Journal of Kidney Diseases</i> , <b>2011</b> , 57, 959-960	7.4	2
51	Necrotizing fasciitis complicated by fatal multiple organ dysfunction due to <i>Pasteurella multocida</i> infection: a case report. <i>Acta Clinica Belgica</i> , <b>2010</b> , 65, 412-4	1.8	2
50	The waiting is over: the first clinical outcome study of the treatment of intra-abdominal hypertension has arrived!. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 692-3	1.4	2
49	The value of procalcitonin to diagnose infection in critically ill patient: caveat emptor!. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 3121; author reply 3121-2	1.4	2
48	The future of surgical critical care: a European perspective. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 984-5; author reply 985-6	1.4	2
47	Clinical research in acute pancreatitis and the failure to predict severe disease. <i>Annals of Surgery</i> , <b>2007</b> , 246, 689; author reply 689-90	7.8	2
46	High infection rates in patients with severe acute necrotizing pancreatitis. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1248	14.5	2
45	The assumed problem of air bubbles in the tubing during intra-abdominal pressure measurement. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1692; author reply 1693	14.5	2
44	Typhlitis in an immunocompromised patient. <i>Acta Chirurgica Belgica</i> , <b>2002</b> , 102, 57-8	0.9	2

43	What every intensivist should know about the management of peritonitis in the intensive care unit. <i>Revista Brasileira De Terapia Intensiva</i> , <b>2018</b> , 30, 9-14	1.2	2
42	Conventional amphotericin B must be avoided in Candida infections. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 560-561	14.5	2
41	Permissive Intraabdominal Hypertension following Complex Abdominal Wall Reconstruction. <i>Plastic and Reconstructive Surgery</i> , <b>2016</b> , 137, 762e-764e	2.7	2
40	Development and validation of a liquid chromatography high-resolution mass spectrometry orbitrap method for the sensitive quantification of amoxicillin, piperacillin, tazobactam and meropenem in human faeces. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1177, 338760	6.6	2
39	Variation in communication and family visiting policies in intensive care within and between countries during the Covid-19 pandemic: The COVISIT international survey.. <i>Journal of Critical Care</i> , <b>2022</b> , 71, 154050	4	2
38	Subtherapeutic piperacillin concentrations in neurocritical patients. <i>Journal of Critical Care</i> , <b>2019</b> , 54, 48-51	4	1
37	Intra-abdominal pressure measurement using a U-tube technique: caveat emptor!. <i>Annals of Surgery</i> , <b>2010</b> , 252, 890; author reply 890-1	7.8	1
36	Current pharmacotherapeutic recommendations for acute pancreatitis. <i>Expert Opinion on Pharmacotherapy</i> , <b>2006</b> , 7, 1017-25	4	1
35	Severe complications after nonoperative treatment of traumatic aortic rupture. <i>Journal of Trauma</i> , <b>2002</b> , 53, 784-6		1
34	Comment on: "Penetration of Antibacterial Agents into Pulmonary Epithelial Lining Fluid: An Update".. <i>Clinical Pharmacokinetics</i> , <b>2022</b> , 61, 335	6.2	1
33	Source Control in the ICU <b>2009</b> , 93-101		1
32	What is normal intra-abdominal pressure and how is it affected by positioning, body mass and positive end-expiratory pressure? <b>2012</b> , 219-226		1
31	Organising international research in critical care medicine: current challenges and potential solutions. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 245-246	35.1	1
30	Reducing Antibiotic Use in the ICU: A Time-Based Approach to Rational Antimicrobial Use. <i>Annual Update in Intensive Care and Emergency Medicine</i> , <b>2016</b> , 15-23	0.2	1
29	Optimal and responsible use of antibiotics. <i>Current Opinion in Critical Care</i> , <b>2019</b> , 25, 458-464	3.5	1
28	Persistence of piperacillin concentrations after treatment discontinuation: in cauda venenum?. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 130-131	14.5	1
27	Intraabdominal hypertension and abdominal compartment syndrome: we have paid attention, now it is time to understand!. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 1, 6-8	1.8	1
26	An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock.. <i>Journal of Critical Care</i> , <b>2021</b> ,	4	1

25	Antimicrobial Stewardship in ICU <b>2017</b> , 193-203		o
24	Infection control in the intensive care unit: expert consensus statements for SARS-CoV-2 using a Delphi method. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> ,	25.5	o
23	The future of antimicrobial dosing in the ICU: an opportunity for data science. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1481-1483	14.5	o
22	Prediction of cardiac surgery associated - acute kidney injury (CSA-AKI) by healthcare professionals and urine cell cycle arrest AKI biomarkers [TIMP-2]*[IGFBP7]: A single center prospective study (the PREDICTAKI trial). <i>Journal of Critical Care</i> , <b>2021</b> , 67, 108-117	4	o
21	Intermittent axillary temperature measurement fails to detect fever in critically ill patients. <i>Minerva Anestesiologica</i> , <b>2016</b> , 82, 721-2	1.9	o
20	Artificial Intelligence in Infection Management in the ICU.. <i>Critical Care</i> , <b>2022</b> , 26, 79	10.8	o
19	Epidemiology and Age-Related Mortality in Critically Ill Patients With Intra-Abdominal Infection or Sepsis: An International Cohort Study.. <i>International Journal of Antimicrobial Agents</i> , <b>2022</b> , 106591	14.3	o
18	The Role of Abdominal Drain Cultures in Managing Abdominal Infections. <i>Antibiotics</i> , <b>2022</b> , 11, 697	4.9	o
17	Implementing Antimicrobial Stewardship in Critical Care: A Practical Guide. <i>Annual Update in Intensive Care and Emergency Medicine</i> , <b>2017</b> , 15-25	0.2	
16	Prolonged Infusion of Beta-lactam Antibiotics in Critically Ill Patients: Revisiting the Evidence. <i>Annual Update in Intensive Care and Emergency Medicine</i> , <b>2018</b> , 53-69	0.2	
15	Impact and Management of Abdominal Compartment Syndrome in Patients with Abdominal Sepsis. <i>Hot Topics in Acute Care Surgery and Trauma</i> , <b>2018</b> , 369-378	0.1	
14	Generic and Optimized Antibacterial Dosing Strategies in the Critically Ill <b>2018</b> , 201-212		
13	Epidemiology of contrast-associated acute kidney injury in ICU patients: reply to Valette and du Cheyron. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 528-528	14.5	
12	Intra-Abdominal Hypertension and MODS <b>2012</b> , 59-71		
11	How to define gastrointestinal failure?164-169		
10	Renal Physiology in the Critically Ill Obese Patient <b>2012</b> , 38-44		
9	The Diagnosis of Relative Adrenal Insufficiency: The Long and Winding Road□ <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 945-945	10.2	
8	Antibiotic use and delayed source control in acute appendicitis. <i>Archives of Surgery</i> , <b>2007</b> , 142, 99-100; author reply 100		

- 7 Would patients with more subtle signs of coagulopathy have benefited from treatment with activated protein C?. *Critical Care Medicine*, **2005**, 33, 1670; author reply 1670-1 1.4
- 6 Fluid Resuscitation and Intra-abdominal Hypertension **2008**, 536-548
- 5 A Clinician's Guide to Management of Intra-abdominal Hypertension and Abdominal Compartment Syndrome in Critically Ill Patients. *Annual Update in Intensive Care and Emergency Medicine*, **2020**, 543-557<sup>0.2</sup>
- 4 Open Abdomen Management: Challenges and Solutions for the ICU Team. *Annual Update in Intensive Care and Emergency Medicine*, **2015**, 447-456 0.2
- 3 Source Control in the ICU **2009**, 93-101
- 2 Optimizing  $\beta$ -Lactam Antibiotic Therapy in the Critically Ill: Moving Towards Patient-tailored Antibiotic Therapy **2013**, 111-122
- 1 Pilot study of oral fluid and plasma meropenem and piperacillin concentrations in the intensive care unit. *Clinica Chimica Acta*, **2021**, 523, 72-76 6.2