

# Michael R Pinsky

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/558387/michael-r-pinsky-publications-by-year.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.

152  
papers

8,447  
citations

44  
h-index

90  
g-index

172  
ext. papers

10,039  
ext. citations

6.4  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
152	Ake Grenvik, MD, PhD, MCCM.. <i>Critical Care Medicine</i> , <b>2022</b> , 50, 171-172	1.4	
151	Artificial Intelligence in Critical Care Medicine.. <i>Critical Care</i> , <b>2022</b> , 26, 75	10.8	1
150	Act now! Critical care roles and obligations during an urban war.. <i>Critical Care</i> , <b>2022</b> , 26, 65	10.8	2
149	Engaging clinicians early during the development of a graphical user display of an intelligent alerting system at the bedside.. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 159, 104643	5.3	0
148	Identification of Endotypes of Hospitalized COVID-19 Patients. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 770343	4.9	4
147	The Microcirculatory Response to Endotoxemia and Resuscitation Is a Marker of Regional Renal Perfusion, Renal Metabolic Stress, and Tubular Injury. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 35, 1407-1425	8.4	1
146	The critical care data exchange format: a proposed flexible data standard for combining clinical and high-frequency physiologic data in critical care. <i>Physiological Measurement</i> , <b>2021</b> , 42,	2.9	2
145	Management of cardiovascular insufficiency in ICU: the BEAT approach. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 476-480	1.9	1
144	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 21	8.9	11
143	Accuracy of identifying hospital acquired venous thromboembolism by administrative coding: implications for big data and machine learning research. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 1	2	1
142	Enabling a learning healthcare system with automated computer protocols that produce replicable and personalized clinician actions. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 1330-1344	8.6	4
141	Current practice and evolving concepts in septic shock resuscitation.. <i>Intensive Care Medicine</i> , <b>2021</b> , 48, 148	14.5	5
140	Heterogeneity of Cardiovascular Response to Standardized Sepsis Resuscitation. <i>Critical Care</i> , <b>2020</b> , 24, 99	10.8	2
139	Defining human mean circulatory filling pressure in the intensive care unit. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 311-316	3.7	
138	What are the best tools to optimize the circulation? <b>2020</b> , 351-358.e1		1
137	Activation of AMP-activated protein kinase during sepsis/inflammation improves survival by preserving cellular metabolic fitness. <i>FASEB Journal</i> , <b>2020</b> , 34, 7036-7057	0.9	18
136	Dynamic Arterial Elastance as a Ventriculo-Arterial Coupling Index: An Experimental Animal Study. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 284	4.6	11

135	Development of hemorrhage identification model using non-invasive vital signs. <i>Physiological Measurement</i> , <b>2020</b> , 41, 055010	2.9	2
134	Thenar oxygen saturation (StO) alterations during a spontaneous breathing trial predict extubation failure. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 54	8.9	2
133	Dynamic right and left ventricular interactions in the pig. <i>Experimental Physiology</i> , <b>2020</b> , 105, 1293-1315	2.4	1
132	How to assess ventriculoarterial coupling in sepsis. <i>Current Opinion in Critical Care</i> , <b>2020</b> , 26, 313-318	3.5	1
131	Estimating Surgical Blood Loss Volume Using Continuously Monitored Vital Signs. <i>Sensors</i> , <b>2020</b> , 20,	3.8	1
130	Prediction of hypotension events with physiologic vital sign signatures in the intensive care unit. <i>Critical Care</i> , <b>2020</b> , 24, 661	10.8	4
129	Parsimony of Hemodynamic Monitoring Data Sufficient for the Detection of Hemorrhage. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 1176-1187	3.9	3
128	Determinants of left ventricular ejection fraction and a novel method to improve its assessment of myocardial contractility. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 48	8.9	13
127	Cardiovascular determinants of resuscitation from sepsis and septic shock. <i>Critical Care</i> , <b>2019</b> , 23, 118	10.8	37
126	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 20	8.9	58
125	Predicting tachycardia as a surrogate for instability in the intensive care unit. <i>Journal of Clinical Monitoring and Computing</i> , <b>2019</b> , 33, 973-985	2	13
124	Assessing left ventricular systolic function with ejection fraction: using a double-edged knife as a hammer. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 111	8.9	2
123	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 542-551	5.4	31
122	Increasing Cardiovascular Data Sampling Frequency and Referencing It to Baseline Improve Hemorrhage Detection <b>2019</b> , 1, e0058		3
121	Machine learning of physiological waveforms and electronic health record data to predict, diagnose and treat haemodynamic instability in surgical patients: protocol for a retrospective study. <i>BMJ Open</i> , <b>2019</b> , 9, e031988	3	5
120	1259. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 606	1.4	0
119	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 281-299	14.5	183
118	Applied Physiology of Fluid Resuscitation in Critical Illness. <i>Critical Care Clinics</i> , <b>2018</b> , 34, 267-277	4.5	6

117	Alternatives to the Swan-Ganz catheter. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 730-741	14.5	47
116	Predicting adverse hemodynamic events in critically ill patients. <i>Current Opinion in Critical Care</i> , <b>2018</b> , 24, 196-203	3.5	7
115	Cardiorespiratory instability in monitored step-down unit patients: using cluster analysis to identify patterns of change. <i>Journal of Clinical Monitoring and Computing</i> , <b>2018</b> , 32, 117-126	2	6
114	Cross-comparisons of trending accuracies of continuous cardiac-output measurements: pulse contour analysis, bioactance, and pulmonary-artery catheter. <i>Journal of Clinical Monitoring and Computing</i> , <b>2018</b> , 32, 33-43	2	20
113	Cardiopulmonary Interactions: Physiologic Basis and Clinical Applications. <i>Annals of the American Thoracic Society</i> , <b>2018</b> , 15, S45-S48	4.7	39
112	A call to alarms: Current state and future directions in the battle against alarm fatigue. <i>Journal of Electrocardiology</i> , <b>2018</b> , 51, S44-S48	1.4	26
111	Estimating mean circulatory filling pressure in clinical practice: a systematic review comparing three bedside methods in the critically ill. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 73	8.9	23
110	Novel applications of bedside monitoring to plumb patient hemodynamic state and response to therapy. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 858-864	1.9	8
109	Heart-lung interactions during mechanical ventilation: the basics. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 349	3.2	57
108	Performance comparison of ventricular and arterial dP/dt for assessing left ventricular systolic function during different experimental loading and contractile conditions. <i>Critical Care</i> , <b>2018</b> , 22, 325	10.8	34
107	Placement of a Magnetic Small Bowel Feeding Tube at the Bedside. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2017</b> , 41, 496-499	4.2	4
106	Learning temporal rules to forecast instability in continuously monitored patients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2017</b> , 24, 47-53	8.6	14
105	Intensive care medicine in 2050: NEWS for hemodynamic monitoring. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 440-442	14.5	12
104	Predicting vasopressor needs using dynamic parameters. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1841-1843	14.5	9
103	Dynamic and Personalized Risk Forecast in Step-Down Units. Implications for Monitoring Paradigms. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 384-391	4.7	20
102	Choosing Sides in Predicting Fluid Responsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 973-974	10.2	2
101	The dynamic arterial elastance: a call for a cautious interpretation : Discussion on "Predicting vasopressor needs using dynamic parameters". <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1438-1439	14.5	5
100	Intensive Care Medicine in 2050: cost-effectiveness analysis. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1039-1040	4.5	3

99	A New Era in Critical Care Ultrasound: Professionalization. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 1747-1749	4.7	5
98	Ten recent advances that could not have come about without applying physiology. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 258-60	14.5	5
97	Predicting cardiorespiratory instability. <i>Critical Care</i> , <b>2016</b> , 20, 70	10.8	15
96	Differential Effects of Left Ventricular Pacing Sites on Regional Contraction Patterns and Global Performance. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2016</b> , 30, 709-15	2.1	
95	The cost of shock resuscitation treatment decisions. <i>Lancet Respiratory Medicine</i> , <b>2016</b> , 4, 769-770	35.1	
94	Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1350-9	14.5	149
93	The right ventricle: interaction with the pulmonary circulation. <i>Critical Care</i> , <b>2016</b> , 20, 266	10.8	72
92	Management of septic shock: a protocol-less approach. <i>Critical Care</i> , <b>2015</b> , 19, 260	10.8	6
91	Understanding preload reserve using functional hemodynamic monitoring. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1480-2	14.5	7
90	Effects of inhalation of low-dose nitrite or carbon monoxide on post-reperfusion mitochondrial function and tissue injury in hemorrhagic shock swine. <i>Critical Care</i> , <b>2015</b> , 19, 184	10.8	9
89	Perioperative fluid therapy: a statement from the international Fluid Optimization Group. <i>Perioperative Medicine (London, England)</i> , <b>2015</b> , 4, 3	2.8	145
88	The interface between monitoring and physiology at the bedside. <i>Critical Care Clinics</i> , <b>2015</b> , 31, 1-24	4.5	15
87	Functional hemodynamic monitoring. <i>Critical Care Clinics</i> , <b>2015</b> , 31, 89-111	4.5	43
86	Real-time visual analysis of microvascular blood flow for critical care <b>2015</b> ,		2
85	Inhaled Carbon Monoxide Protects against the Development of Shock and Mitochondrial Injury following Hemorrhage and Resuscitation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135032	3.7	16
84	Personalizing blood pressure management in septic shock. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 41	8.9	69
83	Hemodynamic Monitoring for the Evaluation and Treatment of Shock: What Is the Current State of the Art?. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2015</b> , 36, 890-8	3.9	14
82	Patients in the radiology department may be at increased risk of developing critical instability. <i>Journal of Radiology Nursing</i> , <b>2015</b> , 34, 29-34	0.6	10

81	Temporal distribution of instability events in continuously monitored step-down unit patients: implications for Rapid Response Systems. <i>Resuscitation</i> , <b>2015</b> , 89, 99-105	4	11
80	RV-pulmonary arterial coupling predicts outcome in patients referred for pulmonary hypertension. <i>Heart</i> , <b>2015</b> , 101, 37-43	5.1	183
79	Modelling Risk of Cardio-Respiratory Instability as a Heterogeneous Process <b>2015</b> , 2015, 1841-50	0.7	8
78	Patterns of central venous oxygen saturation, lactate and veno-arterial CO2 difference in patients with septic shock. <i>Indian Journal of Critical Care Medicine</i> , <b>2015</b> , 19, 580-6	1.3	3
77	My paper 20 years later: Effect of positive end-expiratory pressure on right ventricular function in humans. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 935-41	14.5	16
76	Choices in fluid type and volume during resuscitation: impact on patient outcomes. <i>Annals of Intensive Care</i> , <b>2014</b> , 4, 38	8.9	65
75	Ventriculoarterial decoupling in human septic shock. <i>Critical Care</i> , <b>2014</b> , 18, R80	10.8	74
74	Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1795-815	14.5	852
73	Applied physiology at the bedside to drive resuscitation algorithms. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2014</b> , 28, 1642-59	2.1	4
72	Arterial waveform analysis. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2014</b> , 28, 363-80	4	55
71	Jugular vein distensibility predicts fluid responsiveness in septic patients. <i>Critical Care</i> , <b>2014</b> , 18, 647	10.8	47
70	Functional haemodynamic monitoring. <i>Current Opinion in Critical Care</i> , <b>2014</b> , 20, 288-93	3.5	43
69	Gleaning knowledge from data in the intensive care unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 606-10	10.2	37
68	On being an intensivist. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1477-8	14.5	
67	Effect of acute endotoxemia on analog estimates of mean systemic pressure. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 880.e9-15	4	12
66	Noninvasive assessment of acute dyspnea in the ED. <i>Chest</i> , <b>2013</b> , 144, 610-615	5.3	13
65	Cardiac output response to norepinephrine in postoperative cardiac surgery patients: interpretation with venous return and cardiac function curves. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 143-50	1.4	98
64	Estimation of mean systemic filling pressure in postoperative cardiac surgery patients with three methods. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1452-60	14.5	58

63	Physiologic responses to severe hemorrhagic shock and the genesis of cardiovascular collapse: can irreversibility be anticipated?. <i>Journal of Surgical Research</i> , <b>2012</b> , 178, 358-69	2.5	25
62	Physiological relevance of quantifying segmental contraction synchrony. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2012</b> , 35, 174-87	1.6	3
61	Characteristics of patients with cardiorespiratory instability in a step-down unit. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, 344-50	1.7	19
60	Heart lung interactions during mechanical ventilation. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 256-60	3.5	60
59	Bedside assessment of total systemic vascular compliance, stressed volume, and cardiac function curves in intensive care unit patients. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 115, 880-7	3.9	44
58	Determination of vascular waterfall phenomenon by bedside measurement of mean systemic filling pressure and critical closing pressure in the intensive care unit. <i>Anesthesia and Analgesia</i> , <b>2012</b> , 114, 803-10	3.7	33
57	Defining the boundaries of bedside pulse contour analysis: dynamic arterial elastance. <i>Critical Care</i> , <b>2011</b> , 15, 120	10.8	18
56	Centile-based early warning scores derived from statistical distributions of vital signs. <i>Resuscitation</i> , <b>2011</b> , 82, 1013-8	4	97
55	Cardiorespiratory instability before and after implementing an integrated monitoring system. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 65-72	1.4	88
54	Peripheral vascular decoupling in porcine endotoxic shock. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 853-60	3.9	48
53	Cross-comparison of cardiac output trending accuracy of LiDCO, PiCCO, FloTrac and pulmonary artery catheters. <i>Critical Care</i> , <b>2010</b> , 14, R212	10.8	142
52	Bedside assessment of mean systemic filling pressure. <i>Current Opinion in Critical Care</i> , <b>2010</b> , 16, 231-6	3.5	35
51	Complexity modeling: identify instability early. <i>Critical Care Medicine</i> , <b>2010</b> , 38, S649-55	1.4	24
50	Partitioning the resistances along the vascular tree: effects of dobutamine and hypovolemia in piglets with an intact circulation. <i>Journal of Clinical Monitoring and Computing</i> , <b>2010</b> , 24, 377-84	2	10
49	Insights into the effects of contraction dyssynchrony on global left ventricular mechano-energetic function. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2009</b> , 32, 224-33	1.6	6
48	Assessment of venous return curve and mean systemic filling pressure in postoperative cardiac surgery patients. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 912-8	1.4	131
47	Defining the incidence of cardiorespiratory instability in patients in step-down units using an electronic integrated monitoring system. <i>Archives of Internal Medicine</i> , <b>2008</b> , 168, 1300-8		96
46	Effect of tidal volume, sampling duration, and cardiac contractility on pulse pressure and stroke volume variation during positive-pressure ventilation. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 2858-62	1.4	70



45	Ability of pulse power, esophageal Doppler, and arterial pulse pressure to estimate rapid changes in stroke volume in humans. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 3001-7	1.4	58
44	Use of non-invasive NIRS during a vascular occlusion test to assess dynamic tissue O <sub>2</sub> saturation response. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 1600-7	14.5	147
43	Hemodynamic evaluation and monitoring in the ICU. <i>Chest</i> , <b>2007</b> , 132, 2020-9	5.3	148
42	Informal caregiver burden among survivors of prolonged mechanical ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 167-73	10.2	129
41	Sepsis and multiple organ failure. <i>Contributions To Nephrology</i> , <b>2007</b> , 156, 47-63	1.6	21
40	Heart-lung interactions. <i>Current Opinion in Critical Care</i> , <b>2007</b> , 13, 528-31	3.5	51
39	Thresholded area over the curve of spectrometric tissue oxygen saturation as an indicator of volume resuscitability in porcine hemorrhagic shock. <i>Journal of Trauma</i> , <b>2007</b> , 63, 573-8; discussion 578-80		6
38	William J Sibbald, MD, Obituary. <i>Journal of Critical Care</i> , <b>2006</b> , 21, 293	4	2
37	Hemodynamic monitoring over the past 10 years. <i>Critical Care</i> , <b>2006</b> , 10, 117	10.8	20
36	Passive leg raising predicts fluid responsiveness in the critically ill. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 1402-7.4		1088
35	Year in review in intensive care medicine. 2005. I. Acute respiratory failure and acute lung injury, ventilation, hemodynamics, education, renal failure. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 207-216	14.5	19
34	FTc is not an accurate predictor of fluid responsiveness. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1090-1091	14.5	9
33	The effect of tracheal gas insufflation on gas exchange efficiency. <i>Anesthesia and Analgesia</i> , <b>2006</b> , 103, 1213-8	3.9	3
32	Functional hemodynamic monitoring. <i>Critical Care</i> , <b>2005</b> , 9, 566-72	10.8	200
31	Let us use the pulmonary artery catheter correctly and only when we need it. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1119-22	1.4	153
30	Assessment of indices of preload and volume responsiveness. <i>Current Opinion in Critical Care</i> , <b>2005</b> , 11, 235-9	3.5	96
29	Cardiovascular issues in respiratory care. <i>Chest</i> , <b>2005</b> , 128, 592S-597S	5.3	226
28	Monitoring skeletal muscle and subcutaneous tissue acid-base status and oxygenation during hemorrhagic shock and resuscitation. <i>Shock</i> , <b>2005</b> , 24, 270-5	3.4	25



27	Esophageal Doppler monitoring predicts fluid responsiveness in critically ill ventilated patients. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 1195-201	14.5	708
26	Pathophysiology of sepsis and multiple organ failure: pro- versus anti-inflammatory aspects. <i>Contributions To Nephrology</i> , <b>2004</b> , 144, 31-43	1.6	13
25	Goals of resuscitation from circulatory shock. <i>Contributions To Nephrology</i> , <b>2004</b> , 144, 94-104	1.6	2
24	Dysregulation of the immune response in severe sepsis. <i>American Journal of the Medical Sciences</i> , <b>2004</b> , 328, 220-9	2.2	89
23	Genetic testing: costs and access to intensive care unit care. <i>Critical Care Medicine</i> , <b>2003</b> , 31, S411-5	1.4	6
22	Rationale for cardiovascular monitoring. <i>Current Opinion in Critical Care</i> , <b>2003</b> , 9, 222-4	3.5	15
21	Probing the limits of arterial pulse contour analysis to predict preload responsiveness. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 1245-1247	3.9	74
20	Pulmonary artery occlusion pressure. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 19-22	14.5	43
19	Death by parenteral nutrition. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 2104-2104	14.5	7
18	Probing chaos in search of health. <i>Journal of Critical Care</i> , <b>2003</b> , 18, 163-5	4	1
17	Hemodynamic monitoring in the intensive care unit. <i>Clinics in Chest Medicine</i> , <b>2003</b> , 24, 549-60	5.3	49
16	Why measure cardiac output?. <i>Critical Care</i> , <b>2003</b> , 7, 114-6	10.8	27
15	Effect of positive pressure on venous return in volume-loaded cardiac surgical patients. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1223-31	3.7	103
14	Recent advances in the clinical application of heart-lung interactions. <i>Current Opinion in Critical Care</i> , <b>2002</b> , 8, 26-31	3.5	46
13	Both Perfusion Pressure and Flow Are Essential for Adequate Resuscitation. <i>Sepsis</i> , <b>2001</b> , 4, 143-146		9
12	Modeling of asynchronous myocardial contraction by effective stroke volume analysis. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 90, 243-51	3.9	3
11	Modeling of Asynchronous Myocardial Contraction by Effective Stroke Volume Analysis. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 90, 243	3.9	10
10	Esmolol-induced regional wall motion abnormalities do not affect regional ventricular elastances. <i>Anesthesia and Analgesia</i> , <b>2000</b> , 90, 252-61	3.9	12

9	Is there occult tissue ischemia in chronic end-stage liver disease?. <i>Liver Transplantation</i> , <b>1999</b> , 5, 211-8		4
8	Suppression of cytokine-mediated beta2-integrin activation on circulating neutrophils in critically ill patients. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 66, 83-9	6.5	32
7	Determinants of aortic pressure variation during positive-pressure ventilation in man. <i>Chest</i> , <b>1999</b> , 116, 176-86	5.3	83
6	Right ventricular function in human sepsis: a thermodilution study. <i>Chest</i> , <b>1997</b> , 112, 1043-9	5.3	36
5	Measuring the Biological Efficacy of Mediator-Directed Therapy. <i>Sepsis</i> , <b>1997</b> , 1, 65-67		
4	Dynamic right and left ventricular interactions in the rabbit: simultaneous measurement of ventricular pressure-volume loops. <i>Journal of Critical Care</i> , <b>1996</b> , 11, 65-76	4	16
3	Effect of the pericardium on systolic ventricular interdependence in the dog. <i>Journal of Critical Care</i> , <b>1993</b> , 8, 17-23	4	16
2	Effect of intrathoracic pressure on left ventricular performance. <i>New England Journal of Medicine</i> , <b>1979</b> , 301, 453-9	59.2	646
1	Where is the vascular waterfall in septic shock?. <i>F1000Research</i> , 4, 1294		3.6