Paul E Marik

List of Publications by Year in descending order

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Version: 2024-02-01

		36271	25770
150	12,671	51	108
papers	citations	h-index	g-index
158	158	158	11726
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Dynamic changes in arterial waveform derived variables and fluid responsiveness in mechanically ventilated patients: A systematic review of the literature*. Critical Care Medicine, 2009, 37, 2642-2647.	0.4	1,690
2	Hydrocortisone, Vitamin C, and Thiamine for the Treatment of Severe Sepsis and Septic Shock. Chest, 2017, 151, 1229-1238.	0.4	729
3	Does the Central Venous Pressure Predict Fluid Responsiveness? An Updated Meta-Analysis and a Plea for Some Common Sense*. Critical Care Medicine, 2013, 41, 1774-1781.	0.4	694
4	Hemodynamic parameters to guide fluid therapy. Annals of Intensive Care, $2011, 1, 1$.	2.2	514
5	Prediction of fluid responsiveness: an update. Annals of Intensive Care, 2016, 6, 111.	2.2	391
6	Quercetin and Vitamin C: An Experimental, Synergistic Therapy for the Prevention and Treatment of SARS-CoV-2 Related Disease (COVID-19). Frontiers in Immunology, 2020, 11, 1451.	2.2	348
7	Toward Understanding Tight Glycemic Control in the ICU. Chest, 2010, 137, 544-551.	0.4	331
8	Sepsis-associated hyperlactatemia. Critical Care, 2014, 18, 503.	2.5	323
9	Passive leg raising for predicting fluid responsiveness: a systematic review and meta-analysis. Intensive Care Medicine, 2016, 42, 1935-1947.	3.9	311
10	Noninvasive Cardiac Output Monitors: A State-of the-Art Review. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 121-134.	0.6	260
11	Fluid administration in severe sepsis and septic shock, patterns and outcomes: an analysis of a large national database. Intensive Care Medicine, 2017, 43, 625-632.	3.9	258
12	Guidelines for the Diagnosis and Management of Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Critically Ill Patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. Critical Care Medicine, 2017, 45, 2078-2088.	0.4	234
13	The risk of catheter-related bloodstream infection with femoral venous catheters as compared to subclavian and internal jugular venous catheters. Critical Care Medicine, 2012, 40, 2479-2485.	0.4	232
14	The immune response to surgery and trauma. Journal of Trauma and Acute Care Surgery, 2012, 73, 801-808.	1.1	227
15	Stress ulcer prophylaxis in the new millennium: A systematic review and meta-analysis. Critical Care Medicine, 2010, 38, 2222-2228.	0.4	225
16	Guidelines for the diagnosis and management of critical illness-related corticosteroid insufficiency (CIRCI) in critically ill patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. Intensive Care Medicine, 2017, 43, 1751-1763.	3.9	220
17	Prolonged glucocorticoid treatment is associated with improved ARDS outcomes: analysis of individual patients' data from four randomized trials and trial-level meta-analysis of the updated literature. Intensive Care Medicine, 2016, 42, 829-840.	3.9	209
18	Immunonutrition in Highâ€Risk Surgical Patients. Journal of Parenteral and Enteral Nutrition, 2010, 34, 378-386.	1.3	208

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19	The Use of Bioreactance and Carotid Doppler to Determine Volume Responsiveness and Blood Flow Redistribution Following Passive Leg Raising in Hemodynamically Unstable Patients. Chest, 2013, 143, 364-370.	0.4	202
20	Delirium in the ICU: an overview. Annals of Intensive Care, 2012, 2, 49.	2.2	194
21	SIRS, qSOFA and new sepsis definition. Journal of Thoracic Disease, 2017, 9, 943-945.	0.6	187
22	latrogenic salt water drowning and the hazards of a high central venous pressure. Annals of Intensive Care, 2014, 4, 21.	2.2	141
23	The intensive care medicine research agenda in nutrition and metabolism. Intensive Care Medicine, 2017, 43, 1239-1256.	3.9	140
24	Stress hyperlactataemia: present understanding and controversy. Lancet Diabetes and Endocrinology,the, 2014, 2, 339-347.	5 . 5	139
25	Critical illness-related corticosteroid insufficiency (CIRCI): a narrative review from a Multispecialty Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESICM). Intensive Care Medicine, 2017, 43, 1781-1792.	3.9	132
26	The antiviral properties of vitamin C. Expert Review of Anti-Infective Therapy, 2020, 18, 99-101.	2.0	132
27	Vitamin C for the treatment of sepsis: The scientific rationale. , 2018, 189, 63-70.		131
28	Vitamin Câ€"An Adjunctive Therapy for Respiratory Infection, Sepsis and COVID-19. Nutrients, 2020, 12, 3760.	1.7	123
29	Pulmonary aspiration syndromes. Current Opinion in Pulmonary Medicine, 2011, 17, 148-154.	1,2	119
30	Ascorbic acid, corticosteroids, and thiamine in sepsis: a review of the biologic rationale and the present state of clinical evaluation. Critical Care, 2018, 22, 283.	2.5	118
31	Characteristics of Patients With the "Malignant Obesity Hypoventilation Syndrome―Admitted to an ICU. Journal of Intensive Care Medicine, 2013, 28, 124-130.	1.3	106
32	Review of the Emerging Evidence Demonstrating the Efficacy of Ivermectin in the Prophylaxis and Treatment of COVID-19. American Journal of Therapeutics, 2021, 28, e299-e318.	0.5	103
33	Hydrocortisone and Ascorbic Acid Synergistically Prevent and Repair Lipopolysaccharide-Induced Pulmonary Endothelial Barrier Dysfunction. Chest, 2017, 152, 954-962.	0.4	102
34	Does vitamin D status impact mortality from SARS-CoV-2 infection?. Medicine in Drug Discovery, 2020, 6, 100041.	2.3	102
35	Techniques for Assessment of Intravascular Volume in Critically III Patients. Journal of Intensive Care Medicine, 2009, 24, 329-337.	1.3	95
36	Serum Levels of Vitamin C and Vitamin D in a Cohort of Critically Ill COVID-19 Patients of a North American Community Hospital Intensive Care Unit in May 2020: A Pilot Study. Medicine in Drug Discovery, 2020, 8, 100064.	2.3	91

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37	Venous Thromboembolism in Pregnancy. Clinics in Chest Medicine, 2010, 31, 731-740.	0.8	84
38	Normocaloric versus hypocaloric feeding on the outcomes of ICU patients: a systematic review and meta-analysis. Intensive Care Medicine, 2016, 42, 316-323.	3.9	84
39	Therapeutic Algorithm for Use of Melatonin in Patients With COVID-19. Frontiers in Medicine, 2020, 7, 226.	1.2	82
40	The SARS-CoV-2 spike protein subunit S1 induces COVID-19-like acute lung injury in Κ18-hACE2 transgenic mice and barrier dysfunction in human endothelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L477-L484.	1.3	82
41	Hydrocortisone, Ascorbic Acid and Thiamine (HAT Therapy) for the Treatment of Sepsis. Focus on Ascorbic Acid. Nutrients, 2018, 10, 1762.	1.7	79
42	Early Management of Severe Sepsis. Chest, 2014, 145, 1407-1418.	0.4	77
43	Sepsis: Current Definition, Pathophysiology, Diagnosis, and Management. Nutrition in Clinical Practice, 2017, 32, 296-308.	1.1	77
44	The Importance of Understanding the Stages of COVID-19 in Treatment and Trials. AIDS Reviews, 2021, 23, 40-47.	0.5	66
45	Echocardiographic Assessment of Preload Responsiveness in Critically Ill Patients. Cardiology Research and Practice, 2012, 2012, 1-7.	0.5	65
46	Hypertensive emergencies. Current Opinion in Critical Care, 2011, 17, 569-580.	1.6	62
47	Melatonin Inhibits COVID-19-induced Cytokine Storm by Reversing Aerobic Glycolysis in Immune Cells: A Mechanistic Analysis. Medicine in Drug Discovery, 2020, 6, 100044.	2.3	61
48	POINT: Should the Surviving Sepsis Campaign Guidelines Be Retired? Yes. Chest, 2019, 155, 12-14.	0.4	59
49	Surviving sepsis: going beyond the guidelines. Annals of Intensive Care, 2011, 1, 17.	2.2	58
50	Feeding critically ill patients the right â€~whey': thinking outside of the box. A personal view. Annals of Intensive Care, 2015, 5, 51.	2.2	57
51	Fluid Responsiveness and the Six Guiding Principles of Fluid Resuscitation. Critical Care Medicine, 2016, 44, 1920-1922.	0.4	57
52	Melatonin for the treatment of sepsis: the scientific rationale. Journal of Thoracic Disease, 2020, 12, S54-S65.	0.6	57
53	Glucocorticoid Treatment in Acute Lung Injury and AcuteÂRespiratory Distress Syndrome. Critical Care Clinics, 2011, 27, 589-607.	1.0	56
54	Fluid resuscitation in sepsis: the great 30 mL per kg hoax. Journal of Thoracic Disease, 2020, 12, S37-S47.	0.6	55

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55	Critical Illness-Related Corticosteroid Insufficiency (CIRCI): A Narrative Review from a Multispecialty Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESICM). Critical Care Medicine, 2017, 45, 2089-2098.	0.4	53
56	The 2018 Surviving Sepsis Campaign's Treatment Bundle: When Guidelines Outpace the Evidence Supporting Their Use. Annals of Emergency Medicine, 2019, 73, 356-358.	0.3	50
57	Quantitative Diagnosis of Diffuse Alveolar Damage Using Extravascular Lung Water*. Critical Care Medicine, 2013, 41, 2144-2150.	0.4	47
58	Do Dietary Supplements Have Beneficial Health Effects in Industrialized Nations. Journal of Parenteral and Enteral Nutrition, 2012, 36, 159-168.	1.3	43
59	Enteral Nutrition in the Critically III. Critical Care Medicine, 2014, 42, 962-969.	0.4	43
60	A scoping review of the pathophysiology of COVID-19. International Journal of Immunopathology and Pharmacology, 2021, 35, 205873842110480.	1.0	42
61	Extended Anticoagulant and Aspirin Treatment for the Secondary Prevention of Thromboembolic Disease: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0143252.	1.1	41
62	Comparing Changes in Carotid Flow Time and Stroke Volume Induced by Passive Leg Raising. American Journal of the Medical Sciences, 2018, 355, 168-173.	0.4	37
63	MATH+ protocol for the treatment of SARS-CoV-2 infection: the scientific rationale. Expert Review of Anti-Infective Therapy, 2021, 19, 129-135.	2.0	37
64	Glucocorticoids in sepsis: dissecting facts from fiction. Critical Care, 2011, 15, 158.	2.5	36
65	Tight glycemic control in acutely ill patients: low evidence of benefit, high evidence of harm!. Intensive Care Medicine, 2016, 42, 1475-1477.	3.9	36
66	The role of glucocorticoids as adjunctive treatment for sepsis in the modern era. Lancet Respiratory Medicine, the, 2018, 6, 793-800.	5.2	36
67	Vitamin C: an essential "stress hormone―during sepsis. Journal of Thoracic Disease, 2020, 12, S84-S88.	0.6	36
68	Early goal-directed therapy: on terminal life support?. American Journal of Emergency Medicine, 2010, 28, 243-245.	0.7	35
69	Goal Directed Fluid Therapy. Current Pharmaceutical Design, 2012, 18, 6215-6224.	0.9	34
70	The Cost of Inappropriate Care at the End of life. American Journal of Hospice and Palliative Medicine, 2015, 32, 703-708.	0.8	33
71	The Changing Paradigm of Sepsis. Critical Care Medicine, 2018, 46, 1690-1692.	0.4	33
72	Doctorâ€"your septic patients have scurvy!. Critical Care, 2018, 22, 23.	2.5	33

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73	Neonatal incubators. Pediatric Critical Care Medicine, 2012, 13, 685-689.	0.2	32
74	Aspiration Syndromes: Aspiration Pneumonia and Pneumonitis. Hospital Practice (1995), 2010, 38, 35-42.	0.5	31
75	The ability of Procalcitonin, lactate, white blood cell count and neutrophil-lymphocyte count ratio to predict blood stream infection. Analysis of a large database. Journal of Critical Care, 2020, 60, 135-139.	1.0	31
76	The SEP-1 quality mandate may be harmful: How to drown a patient with 30 mL per kg fluid!. Anaesthesiology Intensive Therapy, 2017, 49, 323-328.	0.4	30
77	Use of glucocorticoids in the critical care setting: Science and clinical evidence. , 2020, 206, 107428.		26
78	Treatment thresholds for hyperglycemia in critically ill patients with and without diabetes. Intensive Care Medicine, 2014, 40, 1049-1051.	3.9	25
79	Genderâ€Based Disparities in Covid-19 Patient Outcomes. Journal of Investigative Medicine, 2021, 69, 814-818.	0.7	25
80	Adding an orange to the banana bag: vitamin C deficiency is common in alcohol use disorders. Critical Care, 2019, 23, 165.	2.5	23
81	The Physiology of Volume Resuscitation. Current Anesthesiology Reports, 2014, 4, 353-359.	0.9	22
82	Perioperative hemodynamic optimization: a revised approach. Journal of Clinical Anesthesia, 2014, 26, 500-505.	0.7	22
83	The Effect of APRV Ventilation on ICP and Cerebral Hemodynamics. Neurocritical Care, 2012, 17, 219-223.	1.2	21
84	Optimizing fluid therapy in shock. Current Opinion in Critical Care, 2019, 25, 246-251.	1.6	20
85	Perioperative Quality Initiative (POQI) consensus statement on fundamental concepts in perioperative fluid management: fluid responsiveness and venous capacitance. Perioperative Medicine (London,) Tj ETQq1 1 C).78 4.3 14 r	gB ⊉ ¢Overloc
86	The time to offer treatments for COVID-19. Expert Opinion on Investigational Drugs, 2021, 30, 505-518.	1.9	20
87	Steroids for sepsis: yes, no or maybe. Journal of Thoracic Disease, 2018, 10, S1070-S1073.	0.6	19
88	Colonic flora, Probiotics, Obesity and Diabetes. Frontiers in Endocrinology, 2012, 3, 87.	1.5	18
89	Is intravenous vitamin C contraindicated in patients with G6PD deficiency?. Critical Care, 2019, 23, 109.	2.5	18
90	Dosing vitamin C in critically ill patients with special attention to renal replacement therapy: a narrative review. Annals of Intensive Care, 2020, 10, 23.	2.2	18

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91	Controversies and Misconceptions in Intensive Care Unit Nutrition. Clinics in Chest Medicine, 2015, 36, 409-418.	0.8	17
92	Is early starvation beneficial for the critically ill patient?. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 155-160.	1.3	17
93	The "koala stress syndrome―and adrenal responsiveness in the critically ill. Intensive Care Medicine, 2010, 36, 1805-1806.	3.9	15
94	Precision Glycemic Control in the ICU*. Critical Care Medicine, 2016, 44, 1433-1434.	0.4	15
95	The adrenal-vitamin C axis: from fish to guinea pigs and primates. Critical Care, 2019, 23, 29.	2.5	15
96	Glycemic control in critically ill patients: What to do post NICE-SUGAR?. World Journal of Gastrointestinal Surgery, 2009, 1, 3.	0.8	15
97	"Vitamin S―(Steroids) and Vitamin C for the Treatment of Severe Sepsis and Septic Shock!*. Critical Care Medicine, 2016, 44, 1228-1229.	0.4	14
98	CITRIS-ALI: How statistics were used to obfuscate the true findings. Anaesthesia, Critical Care & Camp; Pain Medicine, 2019, 38, 575-577.	0.6	14
99	The origins of the Lacto-Bolo reflex: the mythology of lactate in sepsis. Journal of Thoracic Disease, 2020, 12, S48-S53.	0.6	14
100	Life-threatening piperacillin-induced immune haemolysis in a patient with cystic fibrosis. BMJ Case Reports, 2013, 2013, bcr2012007801-bcr2012007801.	0.2	13
101	Therapeutic Effect of Conivaptan Bolus Dosing in Hyponatremic Neurosurgical Patients. Pharmacotherapy, 2013, 33, 51-55.	1.2	12
102	Spontaneous subclavian artery dissection: a pain in the neck diagnosis. BMJ Case Reports, 2013, 2013, bcr2013201223-bcr2013201223.	0.2	12
103	Narrative Review. Journal of Intensive Care Medicine, 2012, 27, 343-353.	1.3	11
104	A Review of the Pulmonary and Health Impacts of Hookah Use. Annals of the American Thoracic Society, 2019, 16, 1215-1219.	1.5	11
105	Patterns of Death in Patients with Sepsis and the Use of Hydrocortisone, Ascorbic Acid, and Thiamine to Prevent These Deaths. Surgical Infections, 2018, 19, 812-820.	0.7	10
106	Death by total parenteral nutrition: The saga continues*. Critical Care Medicine, 2011, 39, 1536-1537.	0.4	9
107	Fluid management decisions should not be guided by fixed central venous pressure targets. American Journal of Emergency Medicine, 2015, 33, 1311.	0.7	9
108	Glucocorticosteroids as Adjunctive Therapy for Acute Respiratory Distress Syndrome and Sepsis? Yes, But Not as Monotherapy*. Critical Care Medicine, 2017, 45, 910-911.	0.4	9

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109	ARDS complicating pustular psoriasis: treatment with low-dose corticosteroids, vitamin C and thiamine. BMJ Case Reports, 2018, 2018, bcr-2017-223475.	0.2	9
110	Adjuvant Vitamin C in critically ill patients undergoing renal replacement therapy: What's the right dose?. Critical Care, 2018, 22, 320.	2.5	8
111	SEP-1. Critical Care Medicine, 2018, 46, 1689-1690.	0.4	8
112	Thiamine. Critical Care Medicine, 2018, 46, 1869-1870.	0.4	8
113	Vitamin C, Hydrocortisone, and Thiamine for Septic Shock. JAMA - Journal of the American Medical Association, 2020, 323, 2203.	3.8	8
114	Dexmedetomidine and delirium in the ICU. Annals of Translational Medicine, 2016, 4, 224-224.	0.7	7
115	Ivermectin, A Reanalysis of the Data. American Journal of Therapeutics, 2021, 28, e579-e580.	0.5	7
116	Surviving Sepsis Guidelines and Scientific Evidence?. Journal of Intensive Care Medicine, 2011, 26, 201-202.	1.3	6
117	Successful treatment of Salmonella aortitis with endovascular aortic repair and antibiotic therapy. BMJ Case Reports, 2014, 2014, bcr2014204525-bcr2014204525.	0.2	6
118	Lactate guided resuscitationâ€"nothing is more dangerous than conscientious foolishness. Journal of Thoracic Disease, 2019, 11, S1969-S1972.	0.6	6
119	Stevens-Johnson syndrome/toxic epidermal necrolysis: treatment with low-dose corticosteroids, vitamin C and thiamine. BMJ Case Reports, 2019, 12, e230538.	0.2	6
120	The Risks of Blood Transfusion in Patients with Subarachnoid Hemorrhage. Neurocritical Care, 2012, 16, 343-345.	1.2	5
121	Selfâ€plagiarism: the perspective of a convicted plagiarist!. European Journal of Clinical Investigation, 2015, 45, 883-887.	1.7	5
122	Critical Care for the Respiratory Specialist: Sepsis, Delirium and Long-Term Cognitive Dysfunction: Prevention with the Combination of Vitamin C, Hydrocortisone and Thiamine. Current Respiratory Medicine Reviews, 2018, 14, 23-28.	0.1	5
123	Nutritional Support Among Medical Inpatients—Feed the Cold (and Malnourished) and Starve the Febrile. JAMA Network Open, 2019, 2, e1915707.	2.8	5
124	Counterpoint: Are the Best Patient Outcomes Achieved When ICU Bundles Are Rigorously Adhered To? No. Chest, 2013, 144, 374-378.	0.4	4
125	"MATH+―Multi-Modal Hospital Treatment Protocol for COVID-19 Infection: Clinical and Scientific Rationale. Journal of Clinical Medicine Research, 2022, 14, 53-79.	0.6	4
126	Parenteral versus enteral nutrition in the critically ill patient: a re-analysis of a flawed meta-analysis. Intensive Care Medicine, 2013, 39, 979-980.	3.9	3

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127	Rebuttal From Dr Marik et al. Chest, 2013, 144, 379-380.	0.4	3
128	The bacterial pneumonias: a new treatment paradigm. Hospital Practice (1995), 2015, 43, 46-55.	0.5	3
129	Rebuttal From Drs Marik, Farkas, Spiegel etÂal. Chest, 2019, 155, 17-18.	0.4	3
130	The management of sepsis: science & fiction. Journal of Thoracic Disease, 2020, 12, S1-S4.	0.6	3
131	The dose makes the poison. Intensive Care Medicine, 2016, 42, 632-632.	3.9	2
132	Protocols for the obvious: Where does it start, and stop?. Annals of Intensive Care, 2017, 7, 42.	2.2	2
133	Response. Chest, 2017, 152, 451-452.	0.4	2
134	Procalcitonin is an essential biomarker for hydrocortisone, ascorbic acid, and thiamine (HAT) therapy in patients with sepsis. Critical Care, 2019, 23, 151.	2.5	2
135	Comparison of central-line–associated bloodstream infections between central venous catheters lined by combined chlorhexidine and silver sulfadiazine versus silver ionotrophes alone: A before–after–before retrospective study. Infection Control and Hospital Epidemiology, 2021, 42, 225-227.	1.0	2
136	Hydrocortisone, ascorbic acid and thiamine for sepsis: Is the jury out?. World Journal of Diabetes, 2020, 11, 90-94.	1.3	2
137	Normocaloric versus hypocaloric feeding in ICU patients: response to comments by Bitzani. Intensive Care Medicine, 2016, 42, 630-630.	3.9	1
138	Dopamine increases mortality in pediatric septic shock. Journal of Pediatrics, 2016, 168, 253-256.	0.9	1
139	Use of Tachycardia in Patients With Submassive Pulmonary Emboli to Risk Stratify for Early Initiation of Thrombolytic Therapy: A Case Series Comparing Early Versus Late Thrombolytic Initiation. Journal of Investigative Medicine High Impact Case Reports, 2017, 5, 232470961774423.	0.3	1
140	Role of inflammatory biomarkers in the prediction of ICU admission and mortality in patients with COVID-19. Medical Research Archives, 2020, 8, .	0.1	1
141	Response to the letter of Mor $ ilde{A}_i$ n et al. regarding our use of an inaccurate reference for the maximal dose of vitamin C in G6PD deficiency. Annals of Intensive Care, 2020, 10, 93.	2.2	1
142	Response. Chest, 2017, 152, 678-679.	0.4	0
143	Response. Chest, 2017, 152, 690-691.	0.4	0
144	Response. Chest, 2017, 152, 905-906.	0.4	0

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145	Response. Chest, 2017, 152, 677.	0.4	O
146	Response. Chest, 2017, 152, 223-224.	0.4	0
147	The author replies. Critical Care Medicine, 2017, 45, e336-e337.	0.4	0
148	Response. Chest, 2018, 154, 229.	0.4	0
149	Poorly Differentiated Breast Adenocarcinoma as a Rare Cause of Right Ventricular Outflow Tract Compression: Case Report and Review of the Literature. Journal of Investigative Medicine High Impact Case Reports, 2020, 8, 232470962092323.	0.3	0
150	Melatonin, coronavirus, cardiovascular disease, and the geriatric emergency: let's use everything we have!. Revista Espanola De Cardiologia (English Ed), 2020, 73, 1081-1082.	0.4	0