

Serafim Nanas

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,804
citations

147801

31
h-index

189892

50
g-index

88
all docs

88
docs citations

88
times ranked

3444
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical muscle stimulation preserves the muscle mass of critically ill patients: a randomized study. <i>Critical Care</i> , 2009, 13, R161.	5.8	266
2	Electrical muscle stimulation prevents critical illness polyneuromyopathy: a randomized parallel intervention trial. <i>Critical Care</i> , 2010, 14, R74.	5.8	228
3	Neuromuscular electrical stimulation for preventing skeletal-muscle weakness and wasting in critically ill patients: a systematic review. <i>BMC Medicine</i> , 2013, 11, 137.	5.5	134
4	Short-term Systemic Effect of Electrical Muscle Stimulation in Critically Ill Patients. <i>Chest</i> , 2009, 136, 1249-1256.	0.8	88
5	Neutrophil Gelatinase-Associated Lipocalin Measured on Clinical Laboratory Platforms for the Prediction of Acute Kidney Injury and the Associated Need for Dialysis Therapy: A Systematic Review and Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2020, 76, 826-841.e1.	1.9	80
6	Early heart rate recovery after exercise predicts mortality in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2006, 110, 393-400.	1.7	75
7	Prolonged use of carbapenems and colistin predisposes to ventilator-associated pneumonia by pandrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Intensive Care Medicine</i> , 2007, 33, 1524-1532.	8.2	75
8	Respiratory Muscles Performance Is Related to Oxygen Kinetics During Maximal Exercise and Early Recovery in Patients With Congestive Heart Failure. <i>Circulation</i> , 1999, 100, 503-508.	1.6	72
9	Effects of exercise rehabilitation program on heart rate recovery in patients with chronic heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006, 13, 67-73.	2.8	69
10	Effect of Psychosocial Interventions on Quality of Life in Patients With Chronic Heart Failure: A Meta-analysis of Randomized Controlled Trials. <i>Journal of Cardiac Failure</i> , 2013, 19, 125-134.	1.7	59
11	Early recovery of oxygen kinetics after submaximal exercise test predicts functional capacity in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2001, 3, 685-692.	7.1	57
12	Electrical Muscle Stimulation: An Effective Form of Exercise and Early Mobilization to Preserve Muscle Strength in Critically Ill Patients. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-8.	1.1	57
13	The effects of exercise training on the kinetics of oxygen uptake in patients with chronic heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007, 14, 304-311.	2.8	57
14	Lung sonography and recruitment in patients with early acute respiratory distress syndrome: A pilot study. <i>Critical Care</i> , 2011, 15, R185.	5.8	56
15	Effects of Interval Cycle Training With or Without Strength Training on Vascular Reactivity in Heart Failure Patients. <i>Journal of Cardiac Failure</i> , 2011, 17, 585-591.	1.7	52
16	End-of-life decisions in Greek intensive care units: a multicenter cohort study. <i>Critical Care</i> , 2010, 14, R228.	5.8	51
17	Effect of neuromuscular stimulation and individualized rehabilitation on muscle strength in Intensive Care Unit survivors: A randomized trial. <i>Journal of Critical Care</i> , 2017, 40, 76-82.	2.2	48
18	Maximum inspiratory pressure, a surrogate parameter for the assessment of ICU-acquired weakness. <i>BMC Anesthesiology</i> , 2011, 11, 14.	1.8	47

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19	Peripheral Muscle Microcirculatory Alterations in Patients With Pulmonary Arterial Hypertension: A Pilot Study. <i>Respiratory Care</i> , 2013, 58, 2134-2141.	1.6	46
20	Acute Effects of Smoking on Skeletal Muscle Microcirculation Monitored by Near-Infrared Spectroscopy. <i>Chest</i> , 2007, 131, 1479-1485.	0.8	45
21	The Addition of Strength Training to Aerobic Interval Training. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2011, 31, 47-51.	2.1	45
22	An international pilot study of asynchronous teleconsultation for oropharyngeal dysphagia. <i>Journal of Telemedicine and Telecare</i> , 2013, 19, 75-79.	2.7	42
23	Long term follow-up of quality of life and functional ability in patients with ICU acquired Weakness "A post hoc analysis. <i>Journal of Critical Care</i> , 2019, 53, 223-230.	2.2	42
24	Impairment of Autonomic Nervous System Activity in Patients With Pulmonary Arterial Hypertension: A Case Control Study. <i>Journal of Cardiac Failure</i> , 2009, 15, 882-889.	1.7	40
25	Skeletal muscle microcirculatory abnormalities are associated with exercise intolerance, ventilatory inefficiency, and impaired autonomic control in heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1403-1408.	0.6	40
26	Chronotropic Incompetence and Abnormal Heart Rate Recovery Early after Left Ventricular Assist Device Implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2011, 34, 1607-1614.	1.2	38
27	Heart Rate Recovery and Oxygen Kinetics After Exercise in Obstructive Sleep Apnea Syndrome. <i>Clinical Cardiology</i> , 2010, 33, 46-51.	1.8	37
28	Inotropic Agents Improve the Peripheral Microcirculation of Patients With End-Stage Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2008, 14, 400-406.	1.7	35
29	Basic principles and current applications of lung ultrasonography in the intensive care unit. <i>Respirology</i> , 2011, 16, 249-256.	2.3	35
30	Physical Exercise Improves the Peripheral Microcirculation of Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2009, 29, 385-391.	2.1	34
31	Acute microcirculatory effects of medium frequency versus high frequency neuromuscular electrical stimulation in critically ill patients - a pilot study. <i>Annals of Intensive Care</i> , 2013, 3, 39.	4.6	33
32	Immunoparalysis: Clinical and immunological associations in SIRS and severe sepsis patients. <i>Cytokine</i> , 2017, 92, 83-92.	3.2	33
33	Novel Biomarkers of Acute Kidney Injury in the General Adult ICU: A Review. <i>Renal Failure</i> , 2013, 35, 579-591.	2.1	32
34	Glutamine suppresses Hsp72 not Hsp90 and is not inducing Th1, Th2, or Th17 cytokine responses in human septic PBMCs. <i>Nutrition</i> , 2014, 30, 1185-1194.	2.4	31
35	Resting Lung Function and Hemodynamic Parameters as Predictors of Exercise Capacity in Patients With Chronic Heart Failure. <i>Chest</i> , 2003, 123, 1386-1393.	0.8	28
36	Effects of interval exercise training on respiratory drive in patients with chronic heart failure. <i>Respiratory Medicine</i> , 2010, 104, 1557-1565.	2.9	28

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37	Attitudes towards euthanasia among Greek intensive care unit physicians and nurses. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2015, 44, 260-263.	1.6	28
38	Effects of High-Intensity Interval Exercise Training on Skeletal Myopathy of Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2017, 23, 36-46.	1.7	28
39	Beneficial Effects of Combined Exercise Training on Early Recovery Cardiopulmonary Exercise Testing Indices in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2014, 34, 378-385.	2.1	25
40	Microcirculation and Macrocirculation in Cardiac Surgical Patients. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-9.	1.1	24
41	Exercise Intolerance in Chronic Heart Failure: The Role of Cortisol and the Catabolic State. <i>Current Heart Failure Reports</i> , 2014, 11, 70-79.	3.3	23
42	Prolonged Oxygen Kinetics During Early Recovery From Maximal Exercise in Adult Patients With Cystic Fibrosis. <i>Chest</i> , 2001, 119, 1073-1078.	0.8	22
43	Pulmonary function at peak exercise in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2007, 118, 28-35.	1.7	21
44	Glutamine May Repress the Weak LPS and Enhance the Strong Heat Shock Induction of Monocyte and Lymphocyte HSP72 Proteins but May Not Modulate the HSP72 mRNA in Patients with Sepsis or Trauma. <i>BioMed Research International</i> , 2015, 2015, 1-15.	1.9	20
45	Community-acquired methicillin-resistant <i>Staphylococcus aureus</i> carrying Panton-Valentine leukocidin genes: A lethal cause of pneumonia in an adult immunocompetent patient. <i>Scandinavian Journal of Infectious Diseases</i> , 2007, 39, 466-469.	1.5	19
46	Intermittent Inotropic Infusions Combined With Prophylactic Oral Amiodarone for Patients With Decompensated End-stage Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 157-161.	1.9	19
47	Survivin and caspases serum protein levels and survivin variants mRNA expression in sepsis. <i>Scientific Reports</i> , 2021, 11, 1049.	3.3	19
48	Cardiopulmonary Rehabilitation Enhances Heart Rate Recovery in Patients with COPD. <i>Respiratory Care</i> , 2012, 57, 2095-103.	1.6	18
49	Hormonal imbalance in relation to exercise intolerance and ventilatory inefficiency in chronic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 431-436.	0.6	18
50	The role of relative weight in the positive association between age and serum cholesterol in men and women. <i>Journal of Chronic Diseases</i> , 1987, 40, 887-892.	1.2	17
51	Lifestyle intervention and one-year prognosis of patients following open heart surgery: a randomised clinical trial. <i>Journal of Clinical Nursing</i> , 2015, 24, 1611-1621.	3.0	17
52	Exercise training improves characteristics of exercise oscillatory ventilation in chronic heart failure. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 825-832.	1.8	17
53	Targeting skeletal muscle tissue oxygenation (StO ₂) in adults with severe sepsis and septic shock: a randomised controlled trial (OTO-StS Study). <i>BMJ Open</i> , 2018, 8, e017581.	1.9	17
54	Combination of Renal Biomarkers Predicts Acute Kidney Injury in Critically Ill Adults. <i>Renal Failure</i> , 2012, 34, 1100-1108.	2.1	15

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55	Prediction of the renal replacement therapy requirement in mechanically ventilated critically ill patients by combining biomarkers for glomerular filtration and tubular damage. <i>Journal of Critical Care</i> , 2014, 29, 692.e7-692.e13.	2.2	15
56	Inappropriately normal plasma ACTH and cortisol concentrations in the face of increased circulating interleukin-6 concentration in exercise in patients with sarcoidosis. <i>Stress</i> , 2013, 16, 202-210.	1.8	13
57	The acute and long-term effects of a cardiac rehabilitation program on endothelial progenitor cells in chronic heart failure patients: Comparing two different exercise training protocols. <i>IJC Heart and Vasculature</i> , 2021, 32, 100702.	1.1	13
58	Exercise Training Enhances Angiogenesis-Related Gene Responses in Skeletal Muscle of Patients with Chronic Heart Failure. <i>Cells</i> , 2021, 10, 1915.	4.1	12
59	SSRIs versus exercise training for depression in chronic heart failure: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2013, 168, 4956-4958.	1.7	11
60	Monitoring tissue oxygenation during exercise with near infrared spectroscopy in diseased populations – A brief review. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 223-227.	2.6	10
61	Attenuated Microcirculatory Response to Maximal Exercise in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2016, 36, 33-37.	2.1	10
62	The effectiveness of the active cycle of breathing technique in patients with chronic respiratory diseases: A systematic review. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2022, 53, 89-98.	1.6	10
63	Sonographic Lobe Localization of Alveolar-Interstitial Syndrome in the Critically Ill. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-7.	1.1	9
64	Optimization of Cannula Visibility during Ultrasound-Guided Subclavian Vein Catheterization, via a Longitudinal Approach, by Implementing Echogenic Technology. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-6.	1.1	9
65	Endothelial progenitor cells mobilization after maximal exercise in patients with chronic heart failure. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 70-72.	1.0	9
66	Modalities of Exercise Training in Patients with Extracorporeal Membrane Oxygenation Support. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 34.	1.6	9
67	First diagnosis of factor XI deficiency in a patient with subarachnoid haemorrhage. <i>Blood Coagulation and Fibrinolysis</i> , 2009, 20, 309-313.	1.0	8
68	Sonographic and Clinical Features of Upper Extremity Deep Venous Thrombosis in Critical Care Patients. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-8.	1.1	7
69	Microcirculatory alterations after cardiopulmonary bypass as assessed with near infrared spectroscopy: a pilot study. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 620-621.	1.6	6
70	A familial case of sleep rhythmic movement disorder persistent into adulthood; approach to pathophysiology. <i>Movement Disorders</i> , 2011, 26, 1769-1771.	3.9	5
71	Respiratory drive and breathing pattern abnormalities are related to exercise intolerance in chronic heart failure patients. <i>Respiratory Physiology and Neurobiology</i> , 2014, 192, 90-94.	1.6	5
72	Prolonged Oxygen Kinetics During Constant Workload Submaximal Exercise Is Associated With Disease Severity in Adult Subjects With Cystic Fibrosis. <i>Respiratory Care</i> , 2015, 60, 1164-1171.	1.6	5

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73	Assessment of ventilatory threshold using near-infrared spectroscopy on the gastrocnemius muscle during treadmill running. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 206-211.	2.6	4
74	Effects of a 3-month rehabilitation program on muscle oxygenation in congestive heart failure patients as assessed by NIRS. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 212-217.	2.6	4
75	Serum intact parathyroid hormone levels independently predict exercise capacity in stable heart failure patients. <i>International Journal of Cardiology</i> , 2011, 146, 462-464.	1.7	4
76	Insulin-Like Growth Factor-1 Bioregulation System Abnormalities. <i>JACC: Heart Failure</i> , 2017, 5, 155-156.	4.1	4
77	Muscle microcirculation alterations and relation to dipping status in newly diagnosed untreated patients with arterial hypertensionâ€”A pilot study. <i>Microcirculation</i> , 2017, 24, e12384.	1.8	4
78	Effects of exercise training on diastolic and systolic dysfunction in patients with chronic heart failure. <i>World Journal of Cardiology</i> , 2021, 13, 514-525.	1.5	4
79	Echogenic Technology Improves Cannula Visibility during Ultrasound-Guided Internal Jugular Vein Catheterization via a Transverse Approach. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-5.	1.1	3
80	Resuscitation after cardiac arrest in a septic porcine model: adding vasopressin vs epinephrine alone administration. <i>BMC Research Notes</i> , 2014, 7, 492.	1.4	2
81	Epigenetic effects following acute and chronic exercise in cardiovascular disease: A systematic review. <i>International Journal of Cardiology</i> , 2021, 341, 88-95.	1.7	2
82	Continuous renal replacement therapy in critically ill patients does not affect urinary neutrophil gelatinase-associated lipocalin levels. <i>Critical Care</i> , 2015, 19, 140.	5.8	1
83	Dynamic near-infrared spectroscopy assessment as an important tool to explore pulmonary arterial hypertension pathophysiology. <i>European Respiratory Journal</i> , 2017, 49, 1601932.	6.7	1
84	The effect of exercise training on characteristics of exercise oscillatory ventilation in chronic heart failure â€” Reply to the Letter to the Editor. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1285-1286.	1.8	1
85	In searching for prognostic markers in transcatheter aortic valve replacement: Diastolic dysfunction and insulin-like growth factor system assessment. <i>International Journal of Cardiology</i> , 2019, 288, 63.	1.7	1
86	Psychosocial Interventions to Enhance Treatment Adherence to Lifestyle Changes in Cardiovascular Disease: A Review of the Literature 2011-2021. <i>European Journal of Environment and Public Health</i> , 2022, 6, em0102.	2.0	1
87	Near-Infrared Spectroscopy With Vascular Occlusion Test May Not Be the Adequate Tool to Explore Microcirculation in Pulmonary Arterial Hypertensionâ€”Reply. <i>Respiratory Care</i> , 2014, 59, e68-e69.	1.6	0
88	Impact of supervised aerobic exercise on clinical physiological and mental parameters of people living with HIV: a systematic review and meta-analyses of randomized controlled trials.. <i>HIV Research and Clinical Practice</i> , 2022, , 1-13.	1.1	0