

Zudin A Puthucheary

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

5,260
citations

136885

32
h-index

88593

70
g-index

120
all docs

120
docs citations

120
times ranked

5553
citing authors

#	ARTICLE	IF	CITATIONS
1	The Post-ICU presentation screen (PICUPS) and rehabilitation prescription (RP) for intensive care survivors part II: Clinical engagement and future directions for the national Post-Intensive care Rehabilitation Collaborative. <i>Journal of the Intensive Care Society</i> , 2022, 23, 264-272.	1.1	20
2	The post-ICU presentation screen (PICUPS) and rehabilitation prescription (RP) for intensive care survivors part I: Development and preliminary clinimetric evaluation. <i>Journal of the Intensive Care Society</i> , 2022, 23, 253-263.	1.1	28
3	Effect of intermittent or continuous feeding and amino acid concentration on urea-to-creatinine ratio in critical illness. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 789-797.	1.3	11
4	Prone positioning for non-intubated spontaneously breathing patients with acute hypoxaemic respiratory failure: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2022, 128, 352-362.	1.5	50
5	Catabolism in Critical Illness: A Reanalysis of the REDucing Deaths due to OXidative Stress (REDOXS) Trial*. <i>Critical Care Medicine</i> , 2022, 50, 1072-1082.	0.4	15
6	Commentary on "Guidelines for the provision of nutrition support therapy in the adult critically ill patient: The American Society for Parenteral and Enteral Nutrition". <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1223-1225.	1.3	2
7	Adjusting meta-analysis data to reduce heterogeneity: the need for objective evaluation of observational studies. Response to <i>Br J Anaesth</i> 2022; 128: e303-5. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	0
8	Anabolic Resistance: An Uncomfortable Truth for Clinical Trials in Preventing Intensive Care-acquired Weakness and Physical Functional Impairment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 660-661.	2.5	9
9	Nutritional priorities in patients with severe COVID-19. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, Publish Ahead of Print, .	1.3	2
10	The sit-to-stand test as a patient-centered functional outcome for critical care research: a pooled analysis of five international rehabilitation studies. <i>Critical Care</i> , 2022, 26, .	2.5	8
11	Safety and Feasibility Assessment of Repetitive Vascular Occlusion Stimulus (RVOS) Application to Multi-Organ Failure Critically Ill Patients: A Pilot Randomised Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3938.	1.0	0
12	Functional electrical stimulation in-bed cycle ergometry in mechanically ventilated patients: a multicentre randomised controlled trial. <i>Thorax</i> , 2021, 76, 656-663.	2.7	28
13	Prognostic association of routinely measured biomarkers in patients admitted to critical care: a systematic review. <i>Biomarkers</i> , 2021, 26, 1-12.	0.9	2
14	Ethnicity and outcomes in patients hospitalised with COVID-19 infection in East London: an observational cohort study. <i>BMJ Open</i> , 2021, 11, e042140.	0.8	81
15	A narrative review of skeletal muscle atrophy in critically ill children: pathogenesis and chronic sequelae. <i>Translational Pediatrics</i> , 2021, 10, 2763-2777.	0.5	6
16	Emergency hospital admissions associated with non-communicable diseases 1998-2018 in England, Wales and Scotland: an ecological study. <i>Clinical Medicine</i> , 2021, 21, e179-e185.	0.8	0
17	Acute kidney injury in COVID-19: multicentre prospective analysis of registry data. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 2356-2364.	1.4	18
18	Skeletal Muscle Changes, Function, and Health-Related Quality of Life in Survivors of Pediatric Critical Illness. <i>Critical Care Medicine</i> , 2021, 49, 1547-1557.	0.4	10

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19	A Cross-Sectional Study of the Clinical Metrics of Functional Status Tools in Pediatric Critical Illness. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, 879-888.	0.2	6
20	Novel methods to identify and measure catabolism. <i>Current Opinion in Critical Care</i> , 2021, 27, 361-366.	1.6	7
21	Natural history, trajectory, and management of mechanically ventilated COVID-19 patients in the United Kingdom. <i>Intensive Care Medicine</i> , 2021, 47, 549-565.	3.9	49
22	Talking to multi-morbid patients about critical illness: an evolving conversation. <i>Age and Ageing</i> , 2021, 50, 1512-1515.	0.7	0
23	Should nutrition therapy be modified to account for mitochondrial dysfunction in critical illness?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, .	1.3	5
24	Protocol for a prospective cohort study on the use of clinical nutrition and assessment of long-term clinical and functional outcomes in critically ill adult patients. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 104-110.	0.5	1
25	Risk factors associated with mechanical ventilation, autonomic nervous dysfunction and physical outcome in Vietnamese adults with tetanus. <i>Tropical Medicine and Health</i> , 2021, 49, 50.	1.0	2
26	The future of acute and emergency care. <i>Future Healthcare Journal</i> , 2021, 8, e230-e236.	0.6	1
27	Case presentation and panel discussion: critical illness. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, , .	1.3	0
28	Ethnicity and acute hospital admissions: Multi-center analysis of routine hospital data. <i>EClinicalMedicine</i> , 2021, 39, 101077.	3.2	8
29	Association of nutritional delivery on skeletal muscle wasting and inflammation in critically ill adult patients: a systematic review. <i>Proceedings of the Nutrition Society</i> , 2021, 80, .	0.4	0
30	Relationship Between Skeletal Muscle Area and Density and Clinical Outcome in Adults Receiving Venovenous Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2021, 49, e350-e359.	0.4	10
31	Are periods of feeding and fasting protective during critical illness?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021, 24, 183-188.	1.3	12
32	Surviving COVID-19: a familiar road to recovery?. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 1211-1213.	5.2	3
33	C-reactive protein in immunometabolism: spared from "paying the piper". <i>Intensive Care Medicine</i> , 2021, , 1.	3.9	1
34	The fear and risk of community falls in patients following an intensive care admission: An exploratory cohort study. <i>Australian Critical Care</i> , 2020, 33, 144-150.	0.6	6
35	Implications for post critical illness trial design: sub-phenotyping trajectories of functional recovery among sepsis survivors. <i>Critical Care</i> , 2020, 24, 577.	2.5	27
36	Chronic Critical Illness and Muscle Strength: An Ill-Defined Field*. <i>Critical Care Medicine</i> , 2020, 48, 1699-1701.	0.4	2

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37	Meeting nutritional targets of critically ill patients by combined enteral and parenteral nutrition: review and rationale for the EFFORTcombo trial. <i>Nutrition Research Reviews</i> , 2020, 33, 312-320.	2.1	11
38	Response. <i>Chest</i> , 2020, 158, 2708-2711.	0.4	0
39	Evaluating Physical Functioning in Survivors of Critical Illness: Development of a New Continuum Measure for Acute Care*. <i>Critical Care Medicine</i> , 2020, 48, 1427-1435.	0.4	5
40	Response to physical rehabilitation and recovery trajectories following critical illness: individual participant data meta-analysis protocol. <i>BMJ Open</i> , 2020, 10, e035613.	0.8	4
41	Muscle wasting in the critically ill patient: how to minimise subsequent disability. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2020, 81, 1-9.	0.2	5
42	Clinical Application of Ultrasound in Intensive Care Unit-Acquired Weakness. <i>Ultraschall in Der Medizin</i> , 2020, 41, 244-266.	0.8	10
43	2-Hydroxyglutarate Metabolism Is Altered in an in vivo Model of LPS Induced Endotoxemia. <i>Frontiers in Physiology</i> , 2020, 11, 147.	1.3	9
44	Effects of Rehabilitation Interventions on Clinical Outcomes in Critically Ill Patients: Systematic Review and Meta-Analysis of Randomized Controlled Trials*. <i>Critical Care Medicine</i> , 2020, 48, 1055-1065.	0.4	75
45	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness. <i>Chest</i> , 2020, 158, 183-194.	0.4	84
46	Searching for the Responder, Unpacking the Physical Rehabilitation Needs of Critically Ill Adults. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 359-369.	1.2	7
47	Nutritional Strategies. <i>Lessons From the ICU</i> , 2020, , 295-309.	0.1	0
48	The impact of immobilisation and inflammation on the regulation of muscle mass and insulin resistance: different routes to similar endpoints. <i>Journal of Physiology</i> , 2019, 597, 1259-1270.	1.3	47
49	Repetitive vascular occlusion stimulus (RVOS) versus standard care to prevent muscle wasting in critically ill patients (ROSProx): a study protocol for a pilot randomised controlled trial. <i>Trials</i> , 2019, 20, 456.	0.7	3
50	Functional outcome and muscle wasting in adults with tetanus. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 706-713.	0.7	16
51	Elevated urea-to-creatinine ratio provides a biochemical signature of muscle catabolism and persistent critical illness after major trauma. <i>Intensive Care Medicine</i> , 2019, 45, 1718-1731.	3.9	98
52	Designing nutrition-based interventional trials for the future: addressing the known knowns. <i>Critical Care</i> , 2019, 23, 53.	2.5	10
53	Socioeconomic Position and Health Outcomes Following Critical Illness: A Systematic Review. <i>Critical Care Medicine</i> , 2019, 47, e512-e521.	0.4	30
54	Body Composition and Acquired Functional Impairment in Survivors of Pediatric Critical Illness. <i>Critical Care Medicine</i> , 2019, 47, e445-e453.	0.4	7

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55	Amino Acid Turnover, Protein Metabolism, and Nitrogen Balance in Acute Kidney Injury. , 2019, , 434-442.e2.		1
56	A Study of Perturbations in Structure and Elastic Modulus of Bone Microconstituents Using Bimodal Amplitude Modulated-Frequency Modulated Atomic Force Microscopy. ACS Biomaterials Science and Engineering, 2019, 5, 478-486.	2.6	12
57	Ultrasound Evaluation of Quadriceps Muscle Dysfunction in Respiratory Disease. Cardiopulmonary Physical Therapy Journal, 2019, 30, 15-23.	0.2	15
58	Nutritional risk assessment at admission can predict subsequent muscle loss in critically ill patients. European Journal of Clinical Nutrition, 2018, 72, 1187-1190.	1.3	10
59	Can the critically ill patient generate sufficient energy to facilitate exercise in the ICU?. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 110-115.	1.3	31
60	Emerging outcome measures for nutrition trials in the critically ill. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 417-422.	1.3	13
61	Reducing sound and light exposure to improve sleep on the adult intensive care unit: An inclusive narrative review. Journal of the Intensive Care Society, 2018, 19, 138-146.	1.1	31
62	Metabolic phenotype of skeletal muscle in early critical illness. Thorax, 2018, 73, 926-935.	2.7	135
63	Continuous or intermittent feeding: pros and cons. Current Opinion in Critical Care, 2018, 24, 256-261.	1.6	36
64	Factors influencing physical activity and rehabilitation in survivors of critical illness: a systematic review of quantitative and qualitative studies. Intensive Care Medicine, 2017, 43, 531-542.	3.9	118
65	Predicting critical illness mortality and personalizing therapy: moving to multi-dimensional data. Critical Care, 2017, 21, 20.	2.5	9
66	ACE and response to pulmonary rehabilitation in COPD: two observational studies. BMJ Open Respiratory Research, 2017, 4, e000165.	1.2	5
67	Skeletal Muscle Weakness Is Associated With Both Early and Late Mortality After Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2017, 45, 563-565.	0.4	11
68	Muscle mass and physical recovery in ICU: innovations for targeting of nutrition and exercise. Current Opinion in Critical Care, 2017, 23, 269-278.	1.6	50
69	Skeletal Muscle Ultrasonography in Nutrition and Functional Outcome Assessment of Critically Ill Children: Experience and Insights From Pediatric Disease and Adult Critical Care Studies. Journal of Parenteral and Enteral Nutrition, 2017, 41, 1091-1099.	1.3	22
70	Rectus Femoris Cross-Sectional Area and Muscle Layer Thickness: Comparative Markers of Muscle Wasting and Weakness. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 136-138.	2.5	83
71	Sepsis Reduces Bone Strength Before Morphologic Changes Are Identifiable. Critical Care Medicine, 2017, 45, e1254-e1261.	0.4	15
72	Skeletal Muscle Ultrasound in Critical Care: A Tool in Need of Translation. Annals of the American Thoracic Society, 2017, 14, 1495-1503.	1.5	96

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73	What factors affect implementation of early rehabilitation into intensive care unit practice? A qualitative study with clinicians. <i>Journal of Critical Care</i> , 2017, 38, 137-143.	1.0	37
74	National survey of outcomes and practices in acute respiratory distress syndrome in Singapore. <i>PLoS ONE</i> , 2017, 12, e0179343.	1.1	7
75	An update on muscle wasting in ICU. <i>Signa Vitae</i> , 2017, 13, .	0.8	1
76	Functional Outcomes and Physical Impairments in Pediatric Critical Care Survivors: A Scoping Review*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e247-e259.	0.2	120
77	An Exploratory Study of Long-Term Outcome Measures in Critical Illness Survivors: Construct Validity of Physical Activity, Frailty, and Health-Related Quality of Life Measures*. <i>Critical Care Medicine</i> , 2016, 44, e362-e369.	0.4	46
78	Diarrhoea in the critically ill is common, associated with poor outcome and rarely due to <i>Clostridium difficile</i> . <i>Scientific Reports</i> , 2016, 6, 24691.	1.6	63
79	Is rehabilitation post critical illness a new anti-inflammatory agent?. <i>Thorax</i> , 2016, 71, 783-784.	2.7	1
80	Comparative study of linear and curvilinear ultrasound probes to assess quadriceps rectus femoris muscle mass in healthy subjects and in patients with chronic respiratory disease. <i>BMJ Open Respiratory Research</i> , 2016, 3, e000103.	1.2	15
81	The Relationship Between Lower Limb Bone and Muscle in Military Recruits, Response to Physical Training and Influence of Smoking Status. <i>Scientific Reports</i> , 2015, 5, 9323.	1.6	6
82	Primary care – The unrecognized member of the intensive care team. <i>Journal of the Intensive Care Society</i> , 2015, 16, 361-362.	1.1	1
83	A pilot study of change in fracture risk in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2015, 19, 165.	2.5	15
84	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. <i>Critical Care Medicine</i> , 2015, 43, 1603-1611.	0.4	168
85	Ultrasonography in the intensive care setting can be used to detect changes in the quality and quantity of muscle and is related to muscle strength and function. <i>Journal of Critical Care</i> , 2015, 30, 1151.e9-1151.e14.	1.0	271
86	The impact of extended bed rest on the musculoskeletal system in the critical care environment. <i>Extreme Physiology and Medicine</i> , 2015, 4, 16.	2.5	209
87	Exercise Interventions in Critical Illness Survivors: Understanding Inclusion and Stratification Criteria. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1464-1467.	2.5	44
88	Acute Muscle Wasting Among Critically Ill Patients – Reply. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 622.	3.8	10
89	Functional electrical stimulation with cycling in the critically ill: A pilot case-matched control study. <i>Journal of Critical Care</i> , 2014, 29, 695.e1-695.e7.	1.0	67
90	Anaemia secondary to critical illness: an unexplained phenomenon. <i>Extreme Physiology and Medicine</i> , 2014, 3, 4.	2.5	19

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91	Skeletal muscle mass and mortality - but what about functional outcome?. <i>Critical Care</i> , 2014, 18, 110.	2.5	31
92	Early feeding during critical illness. <i>Lancet Respiratory Medicine</i> , 2014, 2, 15-17.	5.2	11
93	Acute Skeletal Muscle Wasting in Critical Illness. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 1591.	3.8	1,379
94	Character and Temporal Evolution of Apoptosis in Acetaminophen-Induced Acute Liver Failure*. <i>Critical Care Medicine</i> , 2013, 41, 2543-2550.	0.4	37
95	Neuromuscular Blockade and Skeletal Muscle Weakness in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 911-917.	2.5	60
96	Quadriceps wasting and physical inactivity in patients with COPD. <i>European Respiratory Journal</i> , 2012, 40, 1115-1122.	3.1	269
97	The Lichfield bone study: the skeletal response to exercise in healthy young men. <i>Journal of Applied Physiology</i> , 2012, 112, 615-626.	1.2	16
98	Early rehabilitation in critical care (eRiCC): functional electrical stimulation with cycling protocol for a randomised controlled trial. <i>BMJ Open</i> , 2012, 2, e001891.	0.8	35
99	Relationship between calcaneal quantitative ultrasound and hip dual energy X-ray absorptiometry in young healthy men. <i>Osteoporosis International</i> , 2012, 23, 1947-1956.	1.3	5
100	The ACE Gene and Human Performance. <i>Sports Medicine</i> , 2011, 41, 433-448.	3.1	158
101	Genetic Influences in Sport and Physical Performance. <i>Sports Medicine</i> , 2011, 41, 845-859.	3.1	96
102	Effect of acute hypoxia on QTc interval in respiratory patients undergoing fitness to fly tests. <i>Thorax</i> , 2011, 66, 726-727.	2.7	3
103	Skeletal muscle dysfunction in critical care: Wasting, weakness, and rehabilitation strategies. <i>Critical Care Medicine</i> , 2010, 38, S676-S682.	0.4	80
104	Structure to function: muscle failure in critically ill patients. <i>Journal of Physiology</i> , 2010, 588, 4641-4648.	1.3	75
105	Neuromuscular Blockers and ARDS. <i>New England Journal of Medicine</i> , 2010, 363, 2562-2564.	13.9	14
106	Ultrasound measurement of rectus femoris cross-sectional area and the relationship with quadriceps strength in COPD. <i>Thorax</i> , 2009, 64, 418-423.	2.7	275
107	Intensive care unit acquired muscle weakness: when should we consider rehabilitation?. <i>Critical Care</i> , 2009, 13, 167.	2.5	14
108	Complete regression of a thymoma to glucocorticoids, commenced for palliation of symptoms. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 1142-1143.	0.6	18

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109	Exhaled Nitric Oxide is Decreased by Exposure to the Hyperbaric Oxygen Therapy Environment. Mediators of Inflammation, 2006, 2006, 1-6.	1.4	12
110	Early management of the critically ill patient. Clinical Medicine, 2002, 2, 98-100.	0.8	1
111	The recognition of a sick patient. Clinical Medicine, 2002, 2, 95-98.	0.8	5
112	Mixed methods evaluation of the impact of the COVID-19 ICU remote-learning rehabilitation course for frontline health professionals during the COVID-19 pandemic in the UK. Journal of the Intensive Care Society, 0, , 175114372110430.	1.1	1