Jan Wernerman

List of Publications by Year
in descending order

139 papers	7,319 citations	71004 43 h-index	66518 82 g-index
144 all docs	144 docs citations	144 times ranked	5365 citing authors

#	Article	IF	Citations
1	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. Clinical Nutrition, 2021, 40, 590-599.	2.3	23
2	Uptake of dietary amino acids into arterial blood during continuous enteral feeding in critically ill patients and healthy subjects. Clinical Nutrition, 2021, 40, 912-918.	2.3	5
3	Hypophosphatemia in critically ill adults and children â€“ A systematic review. Clinical Nutrition, 2021, 40, 1744-1754.	2.3	29
4	Plasma glutamine status at intensive care unit admission: an independent risk factor for mortality in critical illness. Critical Care, 2021, 25, 240.	2.5	8
5	Development of the Gastrointestinal Dysfunction Score (GIDS) for critically ill patients â€“ A prospective multicenter observational study (iSOFA study). Clinical Nutrition, 2021, 40, 4932-4940.	2.3	49
6	Enteral nutrition and dynamics of citrulline and intestinal fatty acid-binding protein in adult ICU patients. Clinical Nutrition ESPEN, 2021, 45, 322-332.	0.5	7
7	A guide to enteral nutrition in intensive care units: 10 expert tips for the daily practice. Critical Care, 2021, 25, 424.	2.5	48
8	Whole-body protein kinetics in critically ill patients during 50 or 100% energy provision by enteral nutrition: A randomized cross-over study. PLoS ONE, 2020, 15, e0240045.	1.1	14
9	Endogenous production of glutamine and plasma glutamine concentration in critically ill patients. Clinical Nutrition ESPEN, 2020, 40, 226-230.	0.5	1
10	Gastrointestinal dysfunction in the critically ill: a systematic scoping review and research agenda proposed by the Section of Metabolism, Endocrinology and Nutrition of the European Society of Intensive Care Medicine. Critical Care, 2020, 24, 224.	2.5	96
11	Serum selenium in critically ill patients: Profile and supplementation in a depleted region. Acta Anaesthesiologica Scandinavica, 2020, 64, 803-809.	0.7	12
12	Metabolic support in the critically ill: a consensus of 19. Critical Care, 2019, 23, 318.	2.5	55
13	Optimal cutâ€off for hourly lactate reduction in ICUâ€treated patients with septic shock. Acta Anaesthesiologica Scandinavica, 2019, 63, 885-894.	0.7	4
14	Low serum selenium is associated with the severity of organ failure in critically ill children. Clinical Nutrition, 2018, 37, 1399-1405.	2.3	18
15	Albumin mass balance and kinetics in liver transplantation. Critical Care, 2018, 22, 152.	2.5	12
16	An attenuated rate of leg muscle protein depletion and leg free amino acid efflux over time is seen in ICU long-stayers. Critical Care, 2018, 22, 13.	2.5	43
17	Do I have a conflict of interest? Not sure. Intensive Care Medicine, 2018, 44, 1746-1747.	3.9	2
18	Validation of a point-of-care instrument for bedside glutamine screening in the intensive care unit. Clinical Nutrition, 2017, 36, 186-190.	2.3	8

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19	Indirect calorimetry in nutritional therapy. A position paper by the ICALIC study group. Clinical Nutrition, 2017, 36, 651-662.	2.3	175
20	What Is Actually Attributable to Glutamine?. Journal of Parenteral and Enteral Nutrition, 2017, 41, 9-9.	1.3	3
21	Protein Kinetics and Metabolic Effects Related to Disease States in the Intensive Care Unit. Nutrition in Clinical Practice, 2017, 32, 21S-29S.	1.1	13
22	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. Intensive Care Medicine, 2017, 43, 380-398.	3.9	528
23	Assessment of Protein Turnover in Health and Disease. Nutrition in Clinical Practice, 2017, 32, 15S-20S.	1.1	6
24	The importance of being meticulous in evaluating the evidence and risks with everyday care. Acta Anaesthesiologica Scandinavica, 2017, 61, 372-373.	0.7	0
25	High protein intake without concerns?. Critical Care, 2017, 21, 106.	2.5	19
26	Provision of Nutrients to the Acutely Ill. Introducing the â€œBaby Stomachâ€•Concept. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1089-1090.	2.5	5
27	A supplemental intravenous amino acid infusion sustains a positive protein balance for 24Âhours in critically ill patients. Critical Care, 2017, 21, 298.	2.5	30
28	Continuous glucose monitoring in the ICU: clinical considerations and consensus. Critical Care, 2017, 21, 197.	2.5	96
29	Is the glutamine story over?. Critical Care, 2016, 20, 361.	2.5	24
30	Nutritional needs for the critically ill in relation to inflammation. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 138-143.	1.3	7
31	Intravenous fluid management in critically ill patients: for everybody or for a dedicated team?. Acta Anaesthesiologica Scandinavica, 2016, 60, 831-831.	0.7	1
32	The combined use of three widely available biochemical markers as predictor of organ failure in critically ill patients. Scandinavian Journal of Clinical and Laboratory Investigation, 2016, 76, 479-485.	0.6	15
33	Who is blind(ed) for what??. Clinical Nutrition, 2016, 35, 543-544.	2.3	0
34	Leakage of albumin in major abdominal surgery. Critical Care, 2016, 20, 113.	2.5	36
35	Glucose Control in the ICU. Journal of Diabetes Science and Technology, 2016, 10, 1372-1381.	1.3	64
36	Long-term outcomes in patients with septic shock transfused at a lower versus a higher haemoglobin threshold: the TRISS randomised, multicentre clinical trial. Intensive Care Medicine, 2016, 42, 1685-1694.	3.9	38

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37	Fluid management in the critically ill: science or invention?. Acta Anaesthesiologica Scandinavica, 2016, 60, 142-143.	0.7	2
38	Measuring energy expenditure in the intensive care unit: a comparison of indirect calorimetry by E-sCOVX and Quark RMR with Deltatrac II in mechanically ventilated critically ill patients. Critical Care, 2016, 20, 54.	2.5	34
39	Role of albumin in diseases associated with severe systemic inflammation: Pathophysiologic and clinical evidence in sepsis and in decompensated cirrhosis. Journal of Critical Care, 2016, 33, 62-70.	1.0	126
40	Plasma Glutamine Concentrations in Liver Failure. PLoS ONE, 2016, 11, e0150440.	1.1	20
41	Protein Metabolism. , 2016, , 95-106.		0
42	Lactate kinetics and mitochondrial respiration in skeletal muscle of healthy humans under influence of adrenaline. Clinical Science, 2015, 129, 375-384.	1.8	16
43	How to understand the results of studies of glutamine supplementation. Critical Care, 2015, 19, 385.	2.5	9
44	Whole blood glutathione status and <scp>ICU</scp> morbidity in critically ill children. Acta Anaesthesiologica Scandinavica, 2015, 59, 1311-1318.	0.7	1
45	Albumin Kinetics in Patients Undergoing Major Abdominal Surgery. PLoS ONE, 2015, 10, e0136371.	1.1	47
46	Plasma glutamine deficiency is associated with multiple organ failure in critically ill children. Amino Acids, 2015, 47, 535-542.	1.2	11
47	Effect of initiating enteral protein feeding on whole-body protein turnover in critically ill patients. American Journal of Clinical Nutrition, 2015, 101, 549-557.	2.2	51
48	Metabolic and nutritional support of critically ill patients: consensus and controversies. Critical Care, 2015, 19, 35.	2.5	306
49	Short-term amino acid infusion improves protein balance in critically ill patients. Critical Care, 2015, 19, 106.	2.5	68
50	The temporal pattern of postoperative coagulation status in patients undergoing major liver surgery. Thrombosis Research, 2015, 136, 402-407.	0.8	17
51	Whole body protein turnover in critically ill patients with multiple organ failure. Clinical Nutrition, 2015, 34, 95-100.	2.3	57
52	Plasma Glutamine and Its Levels in Metabolic Stress. , 2015, , 143-152.		0
53	A Tracer Bolus Method for Investigating Glutamine Kinetics in Humans. PLoS ONE, 2014, 9, e96601.	1.1	9
54	Plasma glutamine concentration after intensive care unit discharge: an observational study. Critical Care, 2014, 18, 677.	2.5	9

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55	Proteins and amino acids are fundamental to optimal nutrition support in critically ill patients. Critical Care, 2014, 18, 591.	2.5	79
56	Albumin administration in the acutely ill: what is new and where next?. Critical Care, 2014, 18, 231.	2.5	167
57	Feeding the gut. Current Opinion in Critical Care, 2014, 20, 196-201.	1.6	6
58	Amino Acid Concentrations in Critically Ill Children Following Cardiac Surgery*. Pediatric Critical Care Medicine, 2014, 15, 314-328.	0.2	12
59	The responsibility of undertaking large randomized controlled trials. Intensive Care Medicine, 2014, 40, 266-268.	3.9	0
60	Glutamine supplementation to critically ill patients?. Critical Care, 2014, 18, 214.	2.5	22
61	Endogenous glutamine production in critically ill patients: the effect of exogenous glutamine supplementation. Critical Care, 2014, 18, R72.	2.5	20
62	Glutamine Supplementation to Critically Ill Patients?. , 2014, , 639-648.		0
63	Whole body protein kinetics during hypocaloric and normocaloric feeding in critically ill patients. Critical Care, 2013, 17, R158.	2.5	59
64	Answer to <scp>D</scp>r <scp>A</scp>lexey <scp>S</scp>chamko. Acta Anaesthesiologica Scandinavica, 2013, 57, 810-810.	0.7	0
65	Indirect calorimetry in mechanically ventilated patients. A systematic comparison of three instruments. Clinical Nutrition, 2013, 32, 118-121.	2.3	92
66	The <scp>S</scp>candinavian <scp>C</scp>ritical <scp>C</scp>are <scp>T</scp>rials <scp>G</scp>roup: producing important new findings in challenging times. Acta Anaesthesiologica Scandinavica, 2013, 57, 138-140.	0.7	3
67	REDOXs. Journal of Parenteral and Enteral Nutrition, 2013, 37, 566-567.	1.3	12
68	Inotropic support in septic shock?. Acta Anaesthesiologica Scandinavica, 2013, 57, 405-407.	0.7	0
69	Plasma Amino Acids as Predictors for Outcome in Patients at the Intense Care Unit. FASEB Journal, 2013, 27, 1073.6.	0.2	0
70	Glutamine and glutathione at ICU admission in relation to outcome. Clinical Science, 2012, 122, 591-597.	1.8	155
71	Combined enteral and parenteral nutrition. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 161-165.	1.3	9
72	Protein metabolism and gene expression in skeletal muscle of critically ill patients with sepsis. Clinical Science, 2012, 122, 133-142.	1.8	117

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73	Year in review in Intensive Care Medicine 2011: I. Nephrology, epidemiology, nutrition and therapeutics, neurology, ethical and legal issues, experimentals. Intensive Care Medicine, 2012, 38, 192-209.	3.9	19
74	Scandinavian glutamine trial: a pragmatic multi-centre randomised clinical trial of intensive care unit patients. Acta Anaesthesiologica Scandinavica, 2011, 55, 812-818.	0.7	119
75	Individualized ICU nutrition for a better outcome. Intensive Care Medicine, 2011, 37, 564-565.	3.9	8
76	Glutamine supplementation. Annals of Intensive Care, 2011, 1, 25.	2.2	59
77	Considering energy deficit in the intensive care unit. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 170-176.	1.3	76
78	Age-related changes of muscle and plasma amino acids in healthy children. Amino Acids, 2010, 39, 359-366.	1.2	19
79	Glutamine Supplementation in ICU Patients. , 2009, , 705-715.		0
80	Glutamine Supplementation in ICU Patients. , 2009, , 705-715.		0
81	Year in review in Intensive Care Medicine, 2007. I. Experimental studies. Clinical studies: brain injury and neurology, renal failure and endocrinology. Intensive Care Medicine, 2008, 34, 229-242.	3.9	3
82	The pattern of amino acid exchange across the brain is unaffected by intravenous glutamine supplementation in head trauma patients. Clinical Nutrition, 2008, 27, 816-821.	2.3	19
83	Clinical Use of Glutamine Supplementation. Journal of Nutrition, 2008, 138, 2040S-2044S.	1.3	115
84	Paradigm of early parenteral nutrition support in combination with insufficient enteral nutrition. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 160-163.	1.3	18
85	Role of glutamine supplementation in critically ill patients. Current Opinion in Anaesthesiology, 2008, 21, 155-159.	0.9	28
86	Exogenous glutamineâ€"Compensating a shortage?. Critical Care Medicine, 2007, 35, S553-S556.	0.4	27
87	Glutamine kinetics during intravenous glutamine supplementation in ICU patients on continuous renal replacement therapy. Intensive Care Medicine, 2007, 33, 660-666.	3.9	53
88	Synthesis rates of total liver protein and albumin are both increased in patients with an acute inflammatory response. Clinical Science, 2006, 110, 93-99.	1.8	43
89	Intravenous glutamine supplementation to head trauma patients leaves cerebral glutamate concentration unaffected. Intensive Care Medicine, 2006, 32, 1741-1746.	3.9	60
90	ESPEN Guidelines on Enteral Nutrition: Intensive care. Clinical Nutrition, 2006, 25, 210-223.	2.3	1,241

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91	Derangements in mitochondrial metabolism in intercostal and leg muscle of critically ill patients with sepsis-induced multiple organ failure. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1044-E1050.	1.8	188
92	Mitochondrial protein synthesis in skeletal muscle of patients treated in the ICU. FASEB Journal, 2006, 20, A187.	0.2	0
93	Guidelines for nutritional support in intensive care unit patients: a critical analysis. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 171-175.	1.3	14
94	In search of the mechanism behind the beneficial effect of tight glucose control in the ICU. Acta Anaesthesiologica Scandinavica, 2005, 49, 1401-1402.	0.7	2
95	Free amino acid and glutathione concentrations in muscle during short-term starvation and refeeding. Clinical Nutrition, 2005, 24, 236-243.	2.3	35
96	Elimination kinetics of L-alanyl-L-glutamine in ICU patients. Amino Acids, 2005, 29, 221-228.	1.2	45
97	Amino acid metabolism in leg muscle after an endotoxin injection in healthy volunteers. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E360-E364.	1.8	40
98	Intensive care unit nutrition -- nonsense or neglect?. Critical Care, 2005, 9, 251.	2.5	9
99	Suggestion for present and future use of parenteral glutamine. Clinical Nutrition Supplements, 2004, 1, 37-42.	0.0	6
100	Effects on skeletal muscle of intravenous glutamine supplementation to ICU patients. Intensive Care Medicine, 2004, 30, 266-275.	3.9	89
101	Contractile protein breakdown in human leg skeletal muscle as estimated by [2H3]-3-methylhistidine: A new method. Metabolism: Clinical and Experimental, 2004, 53, 1076-1080.	1.5	24
102	Glutamine to intensive care unit patients. Journal of Parenteral and Enteral Nutrition, 2003, 27, 302-303.	1.3	9
103	Glutamine and acute illness. Current Opinion in Critical Care, 2003, 9, 279-285.	1.6	25
104	Glutamine, a life-saving nutrient, but why? *. Critical Care Medicine, 2003, 31, 2555-2556.	0.4	79
105	Albumin synthesis in humans increases immediately following the administration of endotoxin. Clinical Science, 2002, 103, 525-531.	1.8	36
106	Bacterial translocation: effects of artificial feeding. Current Opinion in Clinical Nutrition and Metabolic Care, 2002, 5, 163-166.	1.3	9
107	The local vascular tolerance to an intravenous infusion of a concentrated glutamine solution in ICU patients. Clinical Nutrition, 2002, 21, 135-139.	2.3	20
108	Longitudinal pattern of glutamine/glutamate balance across the leg in long-stay intensive care unit patients. Clinical Nutrition, 2002, 21, 505-514.	2.3	63

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109	Response of in vivo protein synthesis in T lymphocytes and leucocytes to an endotoxin challenge in healthy volunteers. Clinical and Experimental Immunology, 2002, 130, 263-270.	1.1	20
110	Growth hormone does not affect albumin synthesis in the critically ill. Intensive Care Medicine, 2001, 27, 836-843.	3.9	27
111	Protein-Sparing Effect in Skeletal Muscle of Growth Hormone Treatment in Critically Ill Patients. Annals of Surgery, 2000, 231, 577-586.	2.1	59
112	Protein wasting in severe illness: pathogenesis and therapy. Diabetes, Nutrition & Metabolism, 2000, 13, 21-4.	0.4	2
113	Effect of hemodialysis on protein synthesis. Clinical Nephrology, 2000, 54, 284-94.	0.4	27
114	Glutamine: a necessary nutrient for the intensive care patient. International Journal of Colorectal Disease, 1999, 14, 137-142.	1.0	32
115	Glutathione status in critically-ill patients: possibility of modulation by antioxidants. Proceedings of the Nutrition Society, 1999, 58, 677-680.	0.4	47
116	Enteral nutrition in intensive care patients: a practical approach. Intensive Care Medicine, 1998, 24, 848-859.	3.9	180
117	Glutamine-containing TPN: A question of life and death for intensive care unit-patients?. Clinical Nutrition, 1998, 17, 3-6.	2.3	17
118	Effects on skeletal muscle amino acids and whole bodynitrogen metabolism of total parenteral nutrition following laparoscopic cholecystectomy and given to healthy volunteers. Clinical Nutrition, 1998, 17, 205-210.	2.3	8
119	Tissue protein synthesis rates in critically ill patients. Critical Care Medicine, 1998, 26, 92-100.	0.4	94
120	The Effects of Shortâ€Term Parenteral Nutrition on Human Liver Protein and Amino Acid Metabolism During Laparoscopic Surgery. Journal of Parenteral and Enteral Nutrition, 1997, 21, 330-335.	1.3	13
121	Longitudinal changes of biochemical parameters in muscle during critical illness. Metabolism: Clinical and Experimental, 1997, 46, 756-762.	1.5	98
122	The synthesis rates of total liver protein and plasma albumin determined simultaneouslyin vivoin humans. Hepatology, 1997, 25, 154-158.	3.6	65
123	The concentrations of free amino acids in human liver tissue obtained during laparoscopic surgery. Clinical Physiology, 1996, 16, 217-227.	0.7	31
124	Effect of a short-term infusion of glutamine on muscle protein metabolism postoperatively. Clinical Nutrition, 1996, 15, 267-273.	2.3	9
125	A descriptive study of skeletal muscle metabolism in critically ill patients. Critical Care Medicine, 1996, 24, 575-583.	0.4	149
126	Intestinal Amino Acid Content in Critically Ill Patients. Journal of Parenteral and Enteral Nutrition, 1995, 19, 272-278.	1.3	28

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127	Longâ€term Effect of Glycylâ€glutamine After Elective Surgery on Free Amino Acids in Muscle. Journal of Parenteral and Enteral Nutrition, 1994, 18, 320-325.	1.3	20
128	Stress hormones alter the pattern of free amino acids in human skeletal muscle. Clinical Physiology, 1993, 13, 309-319.	0.7	12
129	Alpha ketoglutarate in the treatment of post-operative and critically ill patients. Clinical Nutrition, 1993, 12, 58-59.	2.3	3
130	Degradation of Proteins in Human Skeletal Muscle. Characterization of the Biopsy System and Its Application to Patients Undergoing Abdominal Surgery.. Journal of Clinical Biochemistry and Nutrition, 1993, 14, 121-132.	0.6	1
131	Effect of growth hormone on muscle and protein in critically ill patients. Acta Endocrinologica, 1993, 128 Suppl 2, 19-22.	0.0	1
132	Uncomplicated surgery, but not general anesthesia, decreases muscle protein synthesis. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E253-E260.	1.8	23
133	Trauma Metabolism and the Heart: Studies of Heart and Leg Amino Acid Flux After Cardiac Surgery. Thoracic and Cardiovascular Surgeon, 1990, 38, 1-5.	0.4	47
134	Analogues to glutamine in clinical practice. Clinical Nutrition, 1990, 9, 41-43.	2.3	4
135	Î±-ketoglutarate and postoperative muscle catabolism. Lancet, The, 1990, 335, 701-703.	6.3	119
136	Addition of Glutamine to Total Parenteral Nutrition After Elective Abdominal Surgery Spares Free Glutamine in Muscle, Counteracts the Fall in Muscle Protein Synthesis, and Improves Nitrogen Balance. Annals of Surgery, 1989, 209, 455-461.	2.1	353
137	Availability of amino acids supplied by constant intravenous infusion of synthetic dipeptides in healthy man. Clinical Science, 1989, 76, 643-648.	1.8	61
138	Availability of amino acids supplied intravenously in healthy man as synthetic dipeptides: Kinetic evaluation of <scp>l</scp>-alanyl-<scp>l</scp>-glutamine and glycyl-<scp>l</scp>-tyrosine. Clinical Science, 1988, 75, 463-468.	1.8	86
139	The effect of trauma and surgery on interorgan fluxes of amino acids in man. Clinical Science, 1987, 73, 129-133.	1.8	46