

Thomas R Ziegler

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

2,482
citations

27
h-index

48
g-index

100
ext. papers

3,031
ext. citations

4.8
avg, IF

5.02
L-index

#	Paper	IF	Citations
93	Readmission and mortality in malnourished, older, hospitalized adults treated with a specialized oral nutritional supplement: A randomized clinical trial. <i>Clinical Nutrition</i> , 2016 , 35, 18-26	5.9	204
92	Parenteral nutrition in the critically ill patient. <i>New England Journal of Medicine</i> , 2009 , 361, 1088-97	59.2	183
91	Trophic and cytoprotective nutrition for intestinal adaptation, mucosal repair, and barrier function. <i>Annual Review of Nutrition</i> , 2003 , 23, 229-61	9.9	164
90	Distribution of the H ⁺ /peptide transporter PepT1 in human intestine: up-regulated expression in the colonic mucosa of patients with short-bowel syndrome. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 922-30	7	160
89	Parenteral glutamine increases serum heat shock protein 70 in critically ill patients. <i>Intensive Care Medicine</i> , 2005 , 31, 1079-86	14.5	159
88	The rate of bloodstream infection is high in infants with short bowel syndrome: relationship with small bowel bacterial overgrowth, enteral feeding, and inflammatory and immune responses. <i>Journal of Pediatrics</i> , 2010 , 156, 941-947.e1	3.6	122
87	Plasma metabolomics in human pulmonary tuberculosis disease: a pilot study. <i>PLoS ONE</i> , 2014 , 9, e108854	5.7	98
86	High Dose Vitamin D Administration in Ventilated Intensive Care Unit Patients: A Pilot Double Blind Randomized Controlled Trial. <i>Journal of Clinical and Translational Endocrinology</i> , 2016 , 4, 59-65	2.4	90
85	High-dose vitamin D3 in adults with pulmonary tuberculosis: a double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1059-69	7	80
84	Nutrition and the insulin-like growth factor system. <i>Endocrine</i> , 1997 , 7, 65-71		73
83	Detectable serum flagellin and lipopolysaccharide and upregulated anti-flagellin and lipopolysaccharide immunoglobulins in human short bowel syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R402-10	3.2	69
82	High-dose vitamin D reduces circulating hepcidin concentrations: A pilot, randomized, double-blind, placebo-controlled trial in healthy adults. <i>Clinical Nutrition</i> , 2017 , 36, 980-985	5.9	59
81	Severe villus atrophy and chronic malabsorption induced by azathioprine. <i>Gastroenterology</i> , 2003 , 124, 1950-7	13.3	59
80	Keratinocyte growth factor enhances early gut adaptation in a rat model of short bowel syndrome. <i>Veterinary Surgery</i> , 2000 , 29, 17-27	1.7	53
79	Bolus Weekly Vitamin D3 Supplementation Impacts Gut and Airway Microbiota in Adults With Cystic Fibrosis: A Double-Blind, Randomized, Placebo-Controlled Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 564-574	5.6	51
78	Body composition and lung function in cystic fibrosis and their association with adiposity and normal-weight obesity. <i>Nutrition</i> , 2016 , 32, 447-52	4.8	42
77	Independence From Parenteral Nutrition and Intravenous Fluid Support During Treatment With Teduglutide Among Patients With Intestinal Failure Associated With Short Bowel Syndrome. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017 , 41, 946-951	4.2	42

76	Efficacy and Safety of Glutamine-supplemented Parenteral Nutrition in Surgical ICU Patients: An American Multicenter Randomized Controlled Trial. <i>Annals of Surgery</i> , 2016 , 263, 646-55	7.8	40
75	Glutamine supplementation in bone marrow transplantation. <i>British Journal of Nutrition</i> , 2002 , 87 Suppl 1, S9-15	3.6	38
74	Adjunctive vitamin D in tuberculosis treatment: meta-analysis of individual participant data. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	37
73	Reduction of Parenteral Nutrition and Hydration Support and Safety With Long-Term Teduglutide Treatment in Patients With Short Bowel Syndrome-Associated Intestinal Failure: STEPS-3 Study. <i>Nutrition in Clinical Practice</i> , 2018 , 33, 520-527	3.6	36
72	Small bowel bacterial overgrowth in adults: a potential contributor to intestinal failure. <i>Current Gastroenterology Reports</i> , 2007 , 9, 463-7	5	32
71	Plasma metabolomics in adults with cystic fibrosis during a pulmonary exacerbation: A pilot randomized study of high-dose vitamin D administration. <i>Metabolism: Clinical and Experimental</i> , 2017 , 70, 31-41	12.7	30
70	Vitamin D deficiency is associated with anaemia among African Americans in a US cohort. <i>British Journal of Nutrition</i> , 2015 , 113, 1732-40	3.6	30
69	Growth factors regulation of rabbit sodium-dependent neutral amino acid transporter ATB0 and oligopeptide transporter 1 mRNAs expression after enterotomy. <i>Journal of Parenteral and Enteral Nutrition</i> , 2001 , 25, 65-72	4.2	29
68	Interactions between nutrients and peptide growth factors in intestinal growth, repair, and function. <i>Journal of Parenteral and Enteral Nutrition</i> , 1999 , 23, S174-83	4.2	29
67	High-Dose Vitamin D Administration Is Associated With Increases in Hemoglobin Concentrations in Mechanically Ventilated Critically Ill Adults: A Pilot Double-Blind, Randomized, Placebo-Controlled Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018 , 42, 87-94	4.2	27
66	High-resolution plasma metabolomics analysis to detect Mycobacterium tuberculosis-associated metabolites that distinguish active pulmonary tuberculosis in humans. <i>PLoS ONE</i> , 2018 , 13, e0205398	3.7	24
65	Micronutrient Alterations During Continuous Renal Replacement Therapy in Critically Ill Adults: A Retrospective Study. <i>Nutrition in Clinical Practice</i> , 2018 , 33, 439-446	3.6	22
64	Essential Fatty Acid Plasma Profiles Following Gastric Bypass and Adjusted Gastric Banding Bariatric Surgeries. <i>Obesity Surgery</i> , 2016 , 26, 1237-46	3.7	21
63	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. <i>Obesity</i> , 2019 , 27, 1729-1737	8	20
62	Nutritional support in critical illness and recovery. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 734-45	8.1	20
61	Gut-trophic effects of keratinocyte growth factor in rat small intestine and colon during enteral refeeding. <i>Journal of Parenteral and Enteral Nutrition</i> , 1998 , 22, 259-67	4.2	20
60	Enteral nutrition and keratinocyte growth factor regulate expression of glutathione-related enzyme messenger RNAs in rat intestine. <i>Journal of Parenteral and Enteral Nutrition</i> , 2000 , 24, 67-75	4.2	19
59	Impact of high-dose vitamin D on plasma free 25-hydroxyvitamin D concentrations and antimicrobial peptides in critically ill mechanically ventilated adults. <i>Nutrition</i> , 2017 , 38, 102-108	4.8	18

58	Application of high-resolution metabolomics to identify biological pathways perturbed by traffic-related air pollution. <i>Environmental Research</i> , 2021 , 193, 110506	7.9	16
57	Higher Mediterranean Diet Quality Scores and Lower Body Mass Index Are Associated with a Less-Oxidized Plasma Glutathione and Cysteine Redox Status in Adults. <i>Journal of Nutrition</i> , 2018 , 148, 245-253	4.1	15
56	Vitamin D status and the risk for hospital-acquired infections in critically ill adults: a prospective cohort study. <i>PLoS ONE</i> , 2015 , 10, e0122136	3.7	14
55	Improving clinical and translational research training: a qualitative evaluation of the Atlanta Clinical and Translational Science Institute KL2-mentored research scholars program. <i>Journal of Investigative Medicine</i> , 2017 , 65, 23-31	2.9	13
54	Effects of a Health-Partner Intervention on Cardiovascular Risk. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	13
53	Dose- and time-dependent increase in circulating anti-inflammatory and pro-resolving lipid mediators following eicosapentaenoic acid supplementation in patients with major depressive disorder and chronic inflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 164, 102219	2.8	13
52	Increased Anti-Flagellin and Anti-Lipopolysaccharide Immunoglobulins in Pediatric Intestinal Failure: Associations With Fever and Central Line-Associated Bloodstream Infections. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015 , 39, 562-8	4.2	12
51	Chronic kidney disease attenuates the plasma metabolome response to insulin. <i>JCI Insight</i> , 2018 , 3,	9.9	11
50	Environmental chemical burden in metabolic tissues and systemic biological pathways in adolescent bariatric surgery patients: A pilot untargeted metabolomic approach. <i>Environment International</i> , 2020 , 143, 105957	12.9	11
49	Amino Acid Concentrations in HIV-Infected Youth Compared to Healthy Controls and Associations with CD4 Counts and Inflammation. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 681-689	1.6	10
48	Vitamin D for the Immune System in Cystic Fibrosis (DISC): a double-blind, multicenter, randomized, placebo-controlled clinical trial. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 544-553	7	10
47	Macronutrient intake and body composition changes during anti-tuberculosis therapy in adults. <i>Clinical Nutrition</i> , 2016 , 35, 205-212	5.9	9
46	Regulation of keratinocyte growth factor (KGF) and KGF receptor mRNAs by nutrient intake and KGF administration in rat intestine. <i>Digestive Diseases and Sciences</i> , 2000 , 45, 736-43	4	9
45	Nutritional status and feeding practices in gastrointestinal surgery patients at Bach Mai Hospital, Hanoi, Vietnam. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2016 , 25, 513-20	1	9
44	Pilot randomized controlled trial of a Mediterranean diet or diet supplemented with fish oil, walnuts, and grape juice in overweight or obese US adults. <i>BMC Nutrition</i> , 2018 , 4, 26	2.5	9
43	The Vitamin D for Enhancing the Immune System in Cystic Fibrosis (DISC) trial: Rationale and design of a multi-center, double-blind, placebo-controlled trial of high dose bolus administration of vitamin D3 during acute pulmonary exacerbation of cystic fibrosis. <i>Contemporary Clinical Trials Communications</i> , 2017 , 6, 39-45	1.8	8
42	Thiamin Status in Adults Receiving Chronic Diuretic Therapy Prior to Admission to a Medical Intensive Care Unit: A Pilot Study. <i>Nutrition in Clinical Practice</i> , 2019 , 34, 565-571	3.6	8
41	Dietary self-efficacy predicts AHEI diet quality in women with previous gestational diabetes. <i>The Diabetes Educator</i> , 2014 , 40, 688-99	2.5	8

40	Habitual nutrient intake in HIV-infected youth and associations with HIV-related factors. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, 888-95	1.6	8
39	Changes in Mineral Micronutrient Status During and After Pulmonary Exacerbation in Adults With Cystic Fibrosis. <i>Nutrition in Clinical Practice</i> , 2015 , 30, 838-43	3.6	7
38	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen.. <i>Nature Metabolism</i> , 2021 , 3, 1694-1705	14.6	7
37	Specialized High-Protein Oral Nutrition Supplement Improves Home Nutrient Intake of Malnourished Older Adults Without Decreasing Usual Food Intake. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019 , 43, 794-802	4.2	7
36	Dietary Management of Blood Glucose in Medical Critically Ill Overweight and Obese Patients: An Open-Label Randomized Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019 , 43, 471-480	4.2	7
35	Plasma high-resolution metabolomics identifies linoleic acid and linked metabolic pathways associated with bone mineral density. <i>Clinical Nutrition</i> , 2021 , 40, 467-475	5.9	6
34	Visceral adipose tissue is associated with poor diet quality and higher fasting glucose in adults with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019 , 18, 430-435	4.1	5
33	Metabolomic Associations with Serum Bone Turnover Markers. <i>Nutrients</i> , 2020 , 12,	6.7	4
32	Large scale enzyme based xenobiotic identification for exposomics. <i>Nature Communications</i> , 2021 , 12, 5418	17.4	4
31	Oxidative stress in critically ill ventilated adults: effects of vitamin D and associations with alveolar macrophage function. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 744-751	5.2	3
30	Reduced mortality risk in malnourished hospitalized older adult patients with COPD treated with a specialized oral nutritional supplement: Sub-group analysis of the Nourish study. <i>Clinical Nutrition</i> , 2021 , 40, 1388-1395	5.9	3
29	Pediatric short bowel syndrome and subsequent development of inflammatory bowel disease: an illustrative case and literature review. <i>Pediatric Surgery International</i> , 2017 , 33, 731-736	2.1	2
28	Relationships between plasma apelin and adiponectin with normal weight obesity, body composition, and cardiorespiratory fitness in working adults. <i>Journal of Clinical and Translational Endocrinology</i> , 2021 , 24, 100257	2.4	2
27	Role of heat shock protein and cytokine expression as markers of clinical outcomes with glutamine-supplemented parenteral nutrition in surgical ICU patients. <i>Clinical Nutrition</i> , 2020 , 39, 563-573	5.9	2
26	Dietary and Serum Omega-6/Omega-3 Fatty Acids Are Associated with Physical and Metabolic Function in Stroke Survivors. <i>Nutrients</i> , 2020 , 12,	6.7	1
25	Drug susceptibility influences macronutrient intake and body composition in tuberculosis patients (1014.4). <i>FASEB Journal</i> , 2014 , 28, 1014.4	0.9	1
24	Plasma high-resolution metabolomic profiling reveals upregulation of specific resolvins in patients with pulmonary tuberculosis (248.3). <i>FASEB Journal</i> , 2014 , 28, 248.3	0.9	1
23	Ethanol Lock Therapy Markedly Reduces Catheter-Related Blood Stream Infections in Adults Requiring Home Parenteral Nutrition: A Retrospective Study From a Tertiary Medical Center. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020 , 44, 661-667	4.2	1

22	Comparison of physical examination and laboratory data between a clinical study and electronic health records. <i>PLoS ONE</i> , 2020 , 15, e0236189	3.7	1
21	Building Diverse Careers in Clinical and Translational Research: Evaluation of a Certificate Program in Translational Research. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 38-47	0.4	1
20	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. <i>PLoS Pathogens</i> , 2021 , 17, e1009941	7.6	1
19	Copper Deficiency Remains An Underappreciated Cause of Ineffective Hematopoiesis. <i>Blood</i> , 2008 , 112, 3094-3094	2.2	0
18	The association between the route of nutrition and serum levels of adipokines in critical illness: a pilot study. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 877-884	2.7	0
17	Factors Contributing to Vitamin D Status at Hospital Admission for Pulmonary Exacerbation in Adults With Cystic Fibrosis. <i>American Journal of the Medical Sciences</i> , 2021 , 361, 75-82	2.2	0
16	Plasma high-resolution metabolomic phenotyping of lean mass in a United States adult cohort. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 1635-1644	4.2	0
15	Randomized trial of two maintenance doses of vitamin D in children with chronic kidney disease. <i>Pediatric Nephrology</i> , 2021 , 1	3.2	0
14	Specialized Nutrition Support 2012 , 982-999		
13	A.S.P.E.N. Research Workshop: Anabolic Hormones in Nutrition Support. <i>Journal of Parenteral and Enteral Nutrition</i> , 1999 , 23, S173-S173	4.2	
12	Developing a synthetic control group using electronic health records: Application to a single-arm lifestyle intervention study.. <i>Preventive Medicine Reports</i> , 2021 , 24, 101572	2.6	
11	Gut mucosal redox status in a rat model of chronic alcohol consumption. <i>FASEB Journal</i> , 2006 , 20, A146	0.9	
10	Dietary glutamine increases secretory IgA and may suppress gram-negative bacterial translocation in a rat model of short bowel syndrome (SBS). <i>FASEB Journal</i> , 2006 , 20, A124	0.9	
9	GSH is required to maintain gut intracellular cysteine redox status after intestinal surgery in rats. <i>FASEB Journal</i> , 2006 , 20, A146	0.9	
8	Serum Micronutrient Status during Pulmonary Exacerbation and Following Recovery in Adults with Cystic Fibrosis. <i>FASEB Journal</i> , 2015 , 29, 263.6	0.9	
7	The Impact of High-Dose Vitamin D on Hemoglobin Concentrations in Critical Illness. <i>FASEB Journal</i> , 2015 , 29, 920.5	0.9	
6	Serial Iron, Zinc and Copper Status in Adults with Pulmonary Tuberculosis in the Country of Georgia. <i>FASEB Journal</i> , 2015 , 29, 729.22	0.9	
5	A prospective, randomized, placebo-controlled trial of high-dose vitamin D for prevention of vitamin D insufficiency in early stage chronic kidney disease. <i>FASEB Journal</i> , 2012 , 26, 41.5	0.9	

4	Effects of high-dose cholecalciferol on serum markers of inflammation and immunity in patients with early chronic kidney disease. <i>FASEB Journal</i> , 2013 , 27, 46.3	0.9
3	Plasma metabolomic profiles associated with hospital mortality in surgical critical illness (248.2). <i>FASEB Journal</i> , 2014 , 28, 248.2	0.9
2	Reply, Letter to the Editor - Supplemental and energy likely account for multi-ingredient supplementation in mitigating morbidity and mortality in compromised elderly malnourished patients. <i>Clinical Nutrition</i> , 2016 , 35, 977-8	5.9
1	A Case of Severe Hypocalcemia Caused by Malabsorption Due to Partial Gastrectomy and Small Bowel Resection. <i>AACE Clinical Case Reports</i> , 2021 , 7, 323-326	0.7