

Karin Amrein

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

5,212
citations

147786

31
h-index

95259

68
g-index

122
all docs

122
docs citations

122
times ranked

7001
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D and Immune Function. <i>Nutrients</i> , 2013, 5, 2502-2521.	4.1	743
2	Vitamin D deficiency 2.0: an update on the current status worldwide. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1498-1513.	2.9	705
3	Effect of High-Dose Vitamin D ₃ on Hospital Length of Stay in Critically Ill Patients With Vitamin D Deficiency. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1520.	7.4	368
4	Women Underrepresented on Editorial Boards of 60 Major Medical Journals. <i>Gender Medicine</i> , 2011, 8, 378-387.	1.4	258
5	Sclerostin and Its Association with Physical Activity, Age, Gender, Body Composition, and Bone Mineral Content in Healthy Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 148-154.	3.6	239
6	Personal protective equipment and intensive care unit healthcare worker safety in the COVID-19 era (PPE-SAFE): An international survey. <i>Journal of Critical Care</i> , 2020, 59, 70-75.	2.2	234
7	ESPEN micronutrient guideline. <i>Clinical Nutrition</i> , 2022, 41, 1357-1424.	5.0	178
8	Thyroid-Gut-Axis: How Does the Microbiota Influence Thyroid Function?. <i>Nutrients</i> , 2020, 12, 1769.	4.1	163
9	Short-term effects of high-dose oral vitamin D3 in critically ill vitamin D deficient patients: a randomized, double-blind, placebo-controlled pilot study. <i>Critical Care</i> , 2011, 15, R104.	5.8	146
10	Vitamin D status and its association with season, hospital and sepsis mortality in critical illness. <i>Critical Care</i> , 2014, 18, R47.	5.8	129
11	Evidence for a U-Shaped Relationship Between Prehospital Vitamin D Status and Mortality: A Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1461-1469.	3.6	95
12	Vitamin D status and mortality in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3603-3609.	0.7	87
13	Vitamin therapy in critically ill patients: focus on thiamine, vitamin C, and vitamin D. <i>Intensive Care Medicine</i> , 2018, 44, 1940-1944.	8.2	81
14	Monopolar Radiofrequency Ablation of Thyroid Nodules: A Prospective Austrian Single-Center Study. <i>Thyroid</i> , 2018, 28, 472-480.	4.5	73
15	European expert consensus on practical management of specific aspects of parathyroid disorders in adults and in pregnancy: recommendations of the ESE Educational Program of Parathyroid Disorders (PARAT 2021). <i>European Journal of Endocrinology</i> , 2022, 186, R33-R63.	3.7	73
16	Adverse events and safety issues in blood donation—A comprehensive review. <i>Blood Reviews</i> , 2012, 26, 33-42.	5.7	70
17	Vitamin D and critical illness: what endocrinology can learn from intensive care and vice versa. <i>Endocrine Connections</i> , 2018, 7, R304-R315.	1.9	63
18	Trying to identify who may benefit most from future vitamin D intervention trials: a post hoc analysis from the VITDAL-ICU study excluding the early deaths. <i>Critical Care</i> , 2019, 23, 200.	5.8	62

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19	Association between prehospital vitamin D status and incident acute respiratory failure in critically ill patients: a retrospective cohort study. <i>BMJ Open Respiratory Research</i> , 2015, 2, e000074.	3.0	61
20	Vitamin D deficiency in critically ill children: a systematic review and meta-analysis. <i>Critical Care</i> , 2017, 21, 287.	5.8	58
21	Associations of plasma renin with 10-year cardiovascular mortality, sudden cardiac death, and death due to heart failure. <i>European Heart Journal</i> , 2011, 32, 2642-2649.	2.2	56
22	Vitamin D and the critically ill patient. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 188-193.	2.5	56
23	Functional Status in ICU Survivors and Out of Hospital Outcomes. <i>Critical Care Medicine</i> , 2016, 44, 869-879.	0.9	56
24	Effect of high-dose vitamin D3 on 28-day mortality in adult critically ill patients with severe vitamin D deficiency: a study protocol of a multicentre, placebo-controlled double-blind phase III RCT (the Tj ETQq0 0 0 rgBT 10verlock 10 Tf 50 53)		
25	Apheresis affects bone and mineral metabolism. <i>Bone</i> , 2010, 46, 789-795.	2.9	42
26	Severe lactic acidosis reversed by thiamine within 24 hours. <i>Critical Care</i> , 2011, 15, 457.	5.8	41
27	Metabolome alterations in severe critical illness and vitamin D status. <i>Critical Care</i> , 2017, 21, 193.	5.8	40
28	Understanding vitamin D deficiency in intensive care patients. <i>Intensive Care Medicine</i> , 2015, 41, 1961-1964.	8.2	39
29	Reticulocyte hemoglobin content allows early and reliable detection of functional iron deficiency in blood donors. <i>Clinica Chimica Acta</i> , 2012, 413, 678-682.	1.1	35
30	FGF23 in Acute and Chronic Illness. <i>Disease Markers</i> , 2015, 2015, 1-8.	1.3	35
31	Epidemiology of proximal humeral fractures in Austria between 1989 and 2008. <i>Osteoporosis International</i> , 2013, 24, 2413-2421.	3.1	34
32	Correction of vitamin D deficiency in critically ill patients - VITdAL@ICU study protocol of a double-blind, placebo-controlled randomized clinical trial. <i>BMC Endocrine Disorders</i> , 2012, 12, 27.	2.2	27
33	Efficacy and Safety of Glucose Control with Space GlucoseControl in the Medical Intensive Care Unit - An Open Clinical Investigation. <i>Diabetes Technology and Therapeutics</i> , 2012, 14, 690-695.	4.4	27
34	Effect of eplerenone on parathyroid hormone levels in patients with primary hyperparathyroidism: a randomized, double-blind, placebo-controlled trial. <i>BMC Endocrine Disorders</i> , 2012, 12, 19.	2.2	24
35	Interrelated aldosterone and parathyroid hormone mutually modify cardiovascular mortality risk. <i>International Journal of Cardiology</i> , 2015, 184, 710-716.	1.7	24
36	Vitamin D deficiency in critically ill COVID-19 ARDS patients. <i>Clinical Nutrition</i> , 2022, 41, 3089-3095.	5.0	24

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37	Hospital Glucose Control: Safe and Reliable Glycemic Control Using Enhanced Model Predictive Control Algorithm in Medical Intensive Care Unit Patients. <i>Diabetes Technology and Therapeutics</i> , 2010, 12, 405-412.	4.4	23
38	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. <i>Clinical Nutrition</i> , 2021, 40, 590-599.	5.0	23
39	Metabolomic basis for response to high dose vitamin D in critical illness. <i>Clinical Nutrition</i> , 2021, 40, 2053-2060.	5.0	22
40	Epidemiology of distal forearm fractures in Austria between 1989 and 2010. <i>Osteoporosis International</i> , 2014, 25, 2297-2306.	3.1	21
41	Increases in pre-hospitalization serum 25(OH)D concentrations are associated with improved 30-day mortality after hospital admission: A cohort study. <i>Clinical Nutrition</i> , 2016, 35, 514-521.	5.0	21
42	Marinobufagenin in essential hypertension and primary aldosteronism: a cardiotoxic steroid with clinical and diagnostic implications. <i>Clinical and Experimental Hypertension</i> , 2015, 37, 108-115.	1.3	20
43	The effect of high-dose cholecalciferol on bioavailable vitamin D levels in critically ill patients: a post hoc analysis of the VITdAL-ICU trial. <i>Intensive Care Medicine</i> , 2017, 43, 1732-1734.	8.2	20
44	Value of monopolar and bipolar radiofrequency ablation for the treatment of benign thyroid nodules. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2019, 33, 101283.	4.7	20
45	The relevance of 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D concentration for postoperative infections and postoperative organ dysfunctions in cardiac surgery patients: The eVIDenCe study. <i>Clinical Nutrition</i> , 2019, 38, 2756-2762.	5.0	20
46	The Effect of Parenteral or Oral Iron Supplementation on Fatigue, Sleep, Quality of Life and Restless Legs Syndrome in Iron-Deficient Blood Donors: A Secondary Analysis of the IronWoMan RCT. <i>Nutrients</i> , 2020, 12, 1313.	4.1	18
47	Glucose control in intensive care: usability, efficacy and safety of Space GlucoseControl in two medical European intensive care units. <i>BMC Endocrine Disorders</i> , 2014, 14, 62.	2.2	17
48	When not to use meta-analysis: Analysing the meta-analyses on vitamin D in critical care. <i>Clinical Nutrition</i> , 2017, 36, 1729-1730.	5.0	17
49	High-dose intravenous versus oral iron in blood donors with iron deficiency: The IronWoMan randomized, controlled clinical trial. <i>Clinical Nutrition</i> , 2020, 39, 737-745.	5.0	17
50	Vitamin D levels in liver transplantation recipients and early postoperative outcomes: Prospective observational DLiverX study. <i>Clinical Nutrition</i> , 2021, 40, 2355-2363.	5.0	17
51	Gender disparity in critical care publications: a novel Female First Author Index. <i>Annals of Intensive Care</i> , 2021, 11, 103.	4.6	17
52	Simvastatin Efficiently Lowers Small LDL-IgG Immune Complex Levels: A Therapeutic Quality beyond the Lipid-Lowering Effect. <i>PLoS ONE</i> , 2016, 11, e0148210.	2.5	16
53	Vitamin D deficiency in the ICU: a systematic review. <i>Minerva Endocrinologica</i> , 2014, 39, 275-87.	1.8	16
54	Sclerostin in Institutionalized Elderly Women: Associations with Quantitative Bone Ultrasound, Bone Turnover, Fractures, and Mortality. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1023-1029.	2.6	15

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55	Celiac Disease and the Thyroid: Highlighting the Roles of Vitamin D and Iron. <i>Nutrients</i> , 2021, 13, 1755.	4.1	15
56	Serum Sclerostin Levels Are Decreased in Adult Patients With Different Types of Osteogenesis Imperfecta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E311-E319.	3.6	14
57	Ibandronate Increases Sclerostin Levels and Bone Strength in Male Patients with Idiopathic Osteoporosis. <i>Calcified Tissue International</i> , 2015, 96, 477-489.	3.1	14
58	Hypercalcaemia in asymptomatic sarcoidosis unmasked by a vitamin D loading dose. <i>European Respiratory Journal</i> , 2011, 37, 470-471.	6.7	13
59	Effect of vitamin D3 on bone turnover markers in critical illness: post hoc analysis from the VITdAL-ICU study. <i>Osteoporosis International</i> , 2017, 28, 3347-3354.	3.1	12
60	Study protocol for a phase II dose evaluation randomized controlled trial of cholecalciferol in critically ill children with vitamin D deficiency (VITdAL-PICU study). <i>Pilot and Feasibility Studies</i> , 2017, 3, 70.	1.2	12
61	Understanding adrenal crisis. <i>Intensive Care Medicine</i> , 2018, 44, 652-655.	8.2	12
62	Bone metabolism and fracture risk during and after critical illness. <i>Current Opinion in Critical Care</i> , 2020, 26, 379-385.	3.2	12
63	Propofol Infusion Syndrome—A Critical Incident Report Highlighting the Danger of Reexposure. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 265-266.	1.2	11
64	Ibandronate and Calcitriol Reduces Fracture Risk, Reverses Bone Loss, and Normalizes Bone Turnover After ITX. <i>Transplantation</i> , 2012, 93, 331-336.	1.0	11
65	High-dose intravenously administered iron versus orally administered iron in blood donors with iron deficiency: study protocol for a randomised, controlled trial. <i>Trials</i> , 2016, 17, 527.	1.6	11
66	Psychological symptoms in relatives of critically ill patients (ICU families): a prospective multicenter study. <i>Intensive Care Medicine</i> , 2020, 46, 1060-1062.	8.2	11
67	Low bone turnover and increase of bone mineral density in a premenopausal woman with postoperative hypoparathyroidism and thyroxine suppressive therapy. <i>Osteoporosis International</i> , 2011, 22, 2903-2905.	3.1	10
68	Relationship between bone turnover and left ventricular function in primary hyperparathyroidism: The EPATH trial. <i>PLoS ONE</i> , 2017, 12, e0173799.	2.5	10
69	Prioritizing information topics for relatives of critically ill patients. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 645-652.	1.9	10
70	Micronutrients in Sepsis and COVID-19: A Narrative Review on What We Have Learned and What We Want to Know in Future Trials. <i>Medicina (Lithuania)</i> , 2021, 57, 419.	2.0	10
71	Procalcitonin metabolomics in the critically ill reveal relationships between inflammation intensity and energy utilization pathways. <i>Scientific Reports</i> , 2021, 11, 23194.	3.3	10
72	Vitamin D, parathyroid hormone and serum calcium levels and their association with hospital mortality in critically ill patients. <i>Critical Care</i> , 2010, 14, P589.	5.8	8

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73	Relationship between Plasma Aldosterone Concentration and Soluble Cellular Adhesion Molecules in Patients Referred to Coronary Angiography. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2011, 119, 649-655.	1.2	8
74	Homoarginine in Patients With Primary Hyperparathyroidism. <i>American Journal of the Medical Sciences</i> , 2015, 349, 306-311.	1.1	8
75	Teriparatide treatment in a heart transplant patient with a chronic kidney disease and a low-turnover bone disease: a case report. <i>Osteoporosis International</i> , 2017, 28, 1149-1152.	3.1	8
76	Effect of eplerenone on markers of bone turnover in patients with primary hyperparathyroidism – The randomized, placebo-controlled EPATH trial. <i>Bone</i> , 2017, 105, 212-217.	2.9	8
77	Women at medical conferences 2016 – still hitting their head at the glass ceiling. <i>Wiener Klinische Wochenschrift</i> , 2017, 129, 287-288.	1.9	8
78	Metabolomic differences between critically ill women and men. <i>Scientific Reports</i> , 2021, 11, 3951.	3.3	8
79	Sex-Specific Catabolic Metabolism Alterations in the Critically Ill following High Dose Vitamin D. <i>Metabolites</i> , 2022, 12, 207.	2.9	8
80	Clarification needed for the systematic review of vitamin D trials in the ICU. <i>Intensive Care Medicine</i> , 2017, 43, 595-596.	8.2	7
81	Vitamin D in critical care: where are we now and what is next?. <i>Current Opinion in Critical Care</i> , 2021, 27, 378-384.	3.2	7
82	Neither vitamin D levels nor supplementation are associated with the development of persistent critical illness: a retrospective cohort analysis. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2019, 21, 39-44.	0.1	7
83	Circulating aldosterone and mortality in female nursing home residents. <i>Experimental Gerontology</i> , 2013, 48, 313-318.	2.8	6
84	Vitamin D assessment in perioperative medicine and critical care. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 79-85.	1.9	6
85	Vitamin D Intervention Trials in Critical Illness. <i>Inflammation and Allergy: Drug Targets</i> , 2013, 12, 282-287.	1.8	6
86	Nutrition during extracorporeal life support: A review of pathophysiological bases and application of guidelines. <i>Artificial Organs</i> , 2022, 46, 1240-1248.	1.9	6
87	Vitamin D Deficiency in Pediatric Critical Care. <i>Journal of Pediatric Intensive Care</i> , 2016, 05, 142-153.	0.8	5
88	Transfusion-associated graft-versus-host disease presenting as severe high-volume diarrhoea in a patient with Goodpasture's syndrome. <i>Intensive Care Medicine</i> , 2010, 36, 1271-1272.	8.2	4
89	Pneumatosis coli – an underrecognized lesion mimicking neoplastic disease. <i>Wiener Klinische Wochenschrift</i> , 2011, 123, 515-518.	1.9	4
90	Native and Active Vitamin D in Intensive Care: Who and How We Treat Is Crucially Important. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1193-1194.	5.6	4

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91	Bone - a casualty of ICU survival?. Critical Care, 2015, 19, 253.	5.8	4
92	Usefulness of the trabecular bone score in maintenance dialysis patients. Wiener Klinische Wochenschrift, 2022, 134, 442-448.	1.9	4
93	A Challenging Case of Hypocalcemia Supporting the Concept That 25-Hydroxyvitamin D Status Is Important for Intestinal Calcium Absorption. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1842-1846.	3.6	3
94	High-dose cholecalciferol in critically ill patients with liver cirrhosis. Journal of Internal Medicine, 2016, 279, 309-310.	6.0	3
95	Occult Pneumothorax on Chest X-ray. American Journal of Emergency Medicine, 2011, 29, 959.e3-959.e4.	1.6	2
96	Serum sclerostin levels in renal cell carcinoma patients with bone metastases. Scientific Reports, 2016, 6, 33551.	3.3	2
97	High-dose monthly vitamin D3 can help to prevent acute respiratory infections in older long-term care residents, but may increase risk of falls. Evidence-based Nursing, 2017, 20, 120-121.	0.2	2
98	Iron deficiency in blood donors: perceptions and management among general practitioners and internists. Transfusion, 2017, 57, 2548-2549.	1.6	2
99	Metabolic and Endocrine Challenges. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 078-097.	2.1	2
100	FUNCTIONAL STATUS IN ICU SURVIVORS AND OUT OF HOSPITAL OUTCOMES. Intensive Care Medicine Experimental, 2015, 3, A178.	1.9	1
101	Morphometric parameters of muscle and bone in critically ill patients. Wiener Klinische Wochenschrift, 2021, 133, 529-535.	1.9	1
102	Vitamin D status in critical care: Contributor or marker of poor health?. Lung India, 2014, 31, 299-300.	0.7	1
103	Recurrent ventricular fibrillation caused by left circumflex artery occlusion without ST-elevation on 12-lead ECG. Resuscitation, 2011, 82, 496-497.	3.0	0
104	Neither Vitamin D Levels Nor Supplementation Are Associated with Persistent Critical Illness: A Retrospective Cohort Analysis. , 2019, , .		0
105	SAT-LB71 Is Late Diagnosis of Postsurgical Hypoparathyroidism the Rule, Not the Exception?. Journal of the Endocrine Society, 2020, 4, .	0.2	0
106	A potpourri of nutrition and metabolism in the ICU. Current Opinion in Critical Care, 2020, Publish Ahead of Print, 327-328.	3.2	0
107	Procalcitonin Metabolomics in the Critically Ill: A Post-Hoc Metabolomics Cohort Study of the VITdAL-ICU Trial. , 2021, , .		0
108	Gasteditorial. Austrian Journal of Clinical Endocrinology and Metabolism, 2021, 14, 47-47.	0.0	0

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109	Specific Considerations Relevant to Critical Illness. , 2014, , 1-20.		0
110	Specific Considerations Relevant to Critical Illness. , 2015, , 899-916.		0
111	Letter to the Editor: Preadmission Bisphosphonate and Mortality in Critically Ill Patients. Journal of Clinical Endocrinology and Metabolism, 2016, 101, L60-L61.	3.6	0