

# Hans Konrad Biesalski

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

3,187  
citations

172457

29  
h-index

155660

55  
g-index

81  
all docs

81  
docs citations

81  
times ranked

4513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î²-Carotene Is an Important Vitamin A Source for Humans. <i>Journal of Nutrition</i> , 2010, 140, 2268S-2285S.	2.9	402
2	Meat as a component of a healthy diet – are there any risks or benefits if meat is avoided in the diet?. <i>Meat Science</i> , 2005, 70, 509-524.	5.5	298
3	Bioactive compounds: Definition and assessment of activity. <i>Nutrition</i> , 2009, 25, 1202-1205.	2.4	257
4	ESPEN micronutrient guideline. <i>Clinical Nutrition</i> , 2022, 41, 1357-1424.	5.0	178
5	Nutrition meets the microbiome: micronutrients and the microbiota. <i>Annals of the New York Academy of Sciences</i> , 2016, 1372, 53-64.	3.8	173
6	Biochemical but not clinical vitamin A deficiency results from mutations in the gene for retinol binding protein. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 931-936.	4.7	111
7	UV Light, Beta-carotene and Human Skin – Beneficial and Potentially Harmful Effects. <i>Archives of Biochemistry and Biophysics</i> , 2001, 389, 1-6.	3.0	110
8	Antioxidant therapy in critical care – Is the microcirculation the primary target?. <i>Critical Care Medicine</i> , 2007, 35, S577-S583.	0.9	106
9	Photoprotection of UV-Irradiated Human Skin: An Antioxidative Combination of Vitamins E and C, Carotenoids, Selenium and Proanthocyanidins. <i>Skin Pharmacology and Physiology</i> , 2002, 15, 307-315.	2.5	101
10	Effects of Controlled Exposure of Sunlight on Plasma and Skin Levels of Î²-Carotene. <i>Free Radical Research</i> , 1996, 24, 215-224.	3.3	97
11	European Consensus Statement on Lung Cancer: risk factors and prevention. <i>Lung Cancer Panel. Ca-A Cancer Journal for Clinicians</i> , 1998, 48, 167-176.	329.8	77
12	Validation of the Patient Health Questionnaire (PHQ-9) as a screening tool for depression in pregnant women: Afaan Oromo version. <i>PLoS ONE</i> , 2018, 13, e0191782.	2.5	77
13	Enhancement of the UVA induction of haem oxygenase-1 expression by Î²-carotene in human skin fibroblasts. <i>FEBS Letters</i> , 1999, 460, 212-216.	2.8	73
14	The use of total antioxidant capacity as surrogate marker for food quality and its effect on health is to be discouraged. <i>Nutrition</i> , 2014, 30, 791-793.	2.4	64
15	Reexamination of a Meta-Analysis of the Effect of Antioxidant Supplementation on Mortality and Health in Randomized Trials. <i>Nutrients</i> , 2010, 2, 929-949.	4.1	61
16	26th Hohenheim Consensus Conference, September 11, 2010 Scientific substantiation of health claims: Evidence-based nutrition. <i>Nutrition</i> , 2011, 27, S1-S20.	2.4	61
17	Carotenoid:methyl-Î²-cyclodextrin formulations: an improved method for supplementation of cultured cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1474, 163-168.	2.4	52
18	Micronutrient status in lactating mothers before and after introduction of fortified flour: cross-sectional surveys in Maala refugee camp. <i>European Journal of Nutrition</i> , 2012, 51, 425-434.	3.9	51

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19	Malnutrition “ An underestimated factor in the inpatient treatment of traumatology and orthopedic patients. <i>Injury</i> , 2017, 48, 628-636.	1.7	48
20	New Aspects in Vitamin A Metabolism: the Role of Retinyl Esters as Systemic and Local Sources for Retinol in Mucous Epithelia. <i>Journal of Nutrition</i> , 2004, 134, 3453S-3457S.	2.9	43
21	Multivitamin/mineral supplements: Rationale and safety “ A systematic review. <i>Nutrition</i> , 2017, 33, 76-82.	2.4	42
22	Ethiopian Orthodox Fasting and Lactating Mothers: Longitudinal Study on Dietary Pattern and Nutritional Status in Rural Tigray, Ethiopia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1767.	2.6	38
23	Thiamine Diphosphate in Whole Blood, Thiamine and Thiamine Monophosphate in Breast-Milk in a Refugee Population. <i>PLoS ONE</i> , 2012, 7, e36280.	2.5	35
24	Comparative evaluation of the efficacy of cereal and microbial phytases in growing pigs fed diets with marginal phosphorus supply. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 1298-1304.	3.5	34
25	The effect of Î²â€œcarotene on the expression of interleukinâ€œ6 and heme oxygenaseâ€œ1 in UVâ€œirradiated human skin fibroblasts in vitro. <i>FEBS Letters</i> , 2001, 509, 186-190.	2.8	33
26	Vitamin D deficiencies among tuberculosis patients in Africa: A systematic review. <i>Nutrition</i> , 2015, 31, 1204-1212.	2.4	33
27	The role of nutrition, intimate partner violence and social support in prenatal depressive symptoms in rural Ethiopia: community based birth cohort study. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 374.	2.4	33
28	Bioactive compounds: Safety and efficacy. <i>Nutrition</i> , 2009, 25, 1206-1211.	2.4	32
29	Consumption of Dark Green Leafy Vegetables Predicts Vitamin A and Iron Intake and Status among Female Small-Scale Farmers in Tanzania. <i>Nutrients</i> , 2019, 11, 1025.	4.1	32
30	The Use of Multivitamin/Multimineral Supplements: A Modified Delphi Consensus Panel Report. <i>Clinical Therapeutics</i> , 2018, 40, 640-657.	2.5	31
31	Antioxidant Potential and Type II Diabetes-Related Enzyme Inhibition of <i>Cassia obtusifolia</i> L.: Effect of Indigenous Processing Methods. <i>Food and Bioprocess Technology</i> , 2012, 5, 2687-2696.	4.7	22
32	Fish as a source of (micro)nutrients to combat hidden hunger in Zambia. <i>Food Security</i> , 2020, 12, 1385-1406.	5.3	22
33	Vitamin D Recommendations “ Beyond Deficiency. <i>Annals of Nutrition and Metabolism</i> , 2011, 59, 10-16.	1.9	21
34	Breastfeeding practices on postnatal wards in urban and rural areas of the Deyang region, Sichuan province of China. <i>International Breastfeeding Journal</i> , 2016, 11, 11.	2.6	21
35	Feeding Practices and Undernutrition in 6â€œ23-Month-Old Children of Orthodox Christian Mothers in Rural Tigray, Ethiopia: Longitudinal Study. <i>Nutrients</i> , 2019, 11, 138.	4.1	21
36	Retinyl palmitate supplementation by inhalation of an aerosol improves vitamin A status of preschool children in Gondar (Ethiopia). <i>British Journal of Nutrition</i> , 1999, 82, 179-182.	2.3	18

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37	Social determinants of adult mortality from non-communicable diseases in northern Ethiopia, 2009-2015: Evidence from health and demographic surveillance site. PLoS ONE, 2017, 12, e0188968.	2.5	17
38	Impact of the natural resource of UVB on the content of vitamin D2 in oyster mushroom (Pleurotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	16
39	Age-dependent risk factors for malnutrition in traumatology and orthopedic patients. Nutrition, 2017, 37, 60-67.	2.4	15
40	Iodine status in pregnant women and school children of the Aira district in Ethiopia. NFS Journal, 2017, 7, 1-7.	4.3	15
41	Nutritargeting. Advances in Food and Nutrition Research, 2008, 54, 179-217.	3.0	13
42	Impact of Food Rations and Supplements on Micronutrient Status by Trimester of Pregnancy: Cross-Sectional Studies in the Maela Refugee Camp in Thailand. Nutrients, 2016, 8, 66.	4.1	13
43	Vitamin A and zinc deficiencies among tuberculosis patients in Ethiopia. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2018, 12, 27-33.	1.3	13
44	Effects of retinoic acid metabolites on proliferation and differentiation of the clonal rhabdomyosarcoma cell line BA-HAN-1C. Biology of the Cell, 1994, 81, 31-37.	2.0	12
45	Design and validation of a program to identify inadequate intake of iron, zinc, and vitamin A. Nutrition, 2014, 30, 1310-1317.	2.4	12
46	Temperature stability of vitamin D <sub>2</sub> and color changes during drying of UVB-treated mushrooms. Drying Technology, 2018, 36, 307-315.	3.1	12
47	Preoperative Ascorbic Acid Levels in Proximal Femur Fracture Patients Have No Postoperative Clinical Impact, While Ascorbic Acid Levels upon Discharge Have a Major Effect on Postoperative Outcome. Journal of Clinical Medicine, 2020, 9, 66.	2.4	12
48	Antioxidants in cancer therapy: Is there a rationale to recommend antioxidants during cancer therapy?. BioFactors, 2003, 17, 229-240.	5.4	11
49	Bioactive Compounds in Velvet Bean Seeds: Effect of Certain Indigenous Processing Methods. International Journal of Food Properties, 2012, 15, 1069-1085.	3.0	11
50	Der verborgene Hunger. , 2013, , .		10
51	Prevalence of thiamine deficiency in older hospitalized patients. Clinical Interventions in Aging, 2018, Volume 13, 2247-2250.	2.9	9
52	Locally produced cereal/nut/legume-based biscuits versus peanut/milk-based spread for treatment of moderately to mildly wasted children in daily programmes on Nias Island, Indonesia: an issue of acceptance and compliance?. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 152-61.	0.4	9
53	The significance of vitamin A for the development and function of the lung. Forum of Nutrition, 2003, 56, 37-40.	3.7	9
54	Total phenolic content, antioxidant activity, and type II diabetes related functionality of traditionally processed ox-eye bean [Mucuna gigantea (Willd) DC.] seeds: An Indian underutilized food legume. Food Science and Biotechnology, 2011, 20, 783-791.	2.6	7

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55	Is agriculture connected with stunting in Indonesian children living in a rice surplus area? A case study in Demak regency, central Java. <i>Food Security</i> , 2017, 9, 89-98.	5.3	7
56	The effect of maternal depressive symptoms on infant feeding practices in rural Ethiopia: community based birth cohort study. <i>International Breastfeeding Journal</i> , 2021, 16, 27.	2.6	7
57	Impact of Daily versus Weekly Supply of Locally Produced Ready-to-Use Food on Growth of Moderately Wasted Children on Nias Island, Indonesia. <i>ISRN Nutrition</i> , 2013, 2013, 1-10.	1.7	7
58	Topical application of vitamin A reverses metaplasia of rat vaginal epithelium: a rapid and efficient approach to improve mucosal barrier function. <i>European Journal of Medical Research</i> , 2001, 6, 391-8.	2.2	7
59	Parenteral ascorbic acid as a key for regulating microcirculation in critically ill*. <i>Critical Care Medicine</i> , 2008, 36, 2466-2468.	0.9	6
60	Retinyl palmitate supplementation by inhalation of an aerosol improves vitamin A status of preschool children in Gondar (Ethiopia). <i>British Journal of Nutrition</i> , 1999, 82, 179-82.	2.3	5
61	MEASUREMENT OF FERRITIN LEVELS: COMPARISON OF A COMMERCIAL IRMA TO AN IN-HOUSE ELISA METHOD. <i>Journal of Immunoassay and Immunochemistry</i> , 2001, 22, 371-384.	1.1	2
62	First International Conference on Hidden Hunger, Hohenheim, Stuttgart, Germany March 6 - 9, 2013. <i>Food Security</i> , 2013, 5, 457-473.	5.3	2
63	Calculator for inadequate micronutrient intake for Ethiopia (CIMI-Ethiopia): Validation of the software for lactating mothers and their children under 2 years. <i>Food Science and Nutrition</i> , 2022, 10, 3323-3337.	3.4	2
64	Antioxidative Mikronährstoffe als Zusatzstoffe in der Onkologie. <i>Onkologe</i> , 2004, 10, 230-243.	0.7	1
65	Ascorbic acid and healthy lymphocytes: a way to explain anticancer activity?. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 69, 1673-1674.	2.3	0
66	RELATIONSHIP BETWEEN INDIGENOUS PROCESSING METHODS OF XYLIA XYLOCARP SEEDS AND THEIR TOTAL FREE PHENOLICS, ANTIOXIDANT ACTIVITY AND HEALTH-RELEVANT FUNCTIONALITY. <i>Journal of Food Biochemistry</i> , 2013, 37, 343-352.	2.9	0
67	Der verborgene Hunger. <i>Public Health Forum</i> , 2016, 24, 182-185.	0.2	0
68	ASCORBIC ACID SUPPRESSES CELL DEATH IN RAT SARCOMA CANCER CELLS AFTER ALA-BASED PHOTODYNAMIC THERAPY. <i>FASEB Journal</i> , 2006, 20, A608.	0.5	0
69	INHIBITION OF H <sub>2</sub> O <sub>2</sub> INCREASES RESPONSIVENESS OF MELANOMA CELLS TO ALA-PDT. <i>FASEB Journal</i> , 2006, 20, A1082.	0.5	0