

# Harold H Sandstead

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

4,861  
citations

94269

37  
h-index

95083

68  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc requirements and the risks and benefits of zinc supplementation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006, 20, 3-18.	1.5	822
2	Human Zinc Deficiency, Endocrine Manifestations and Response to Treatment. <i>American Journal of Clinical Nutrition</i> , 1967, 20, 422-442.	2.2	365
3	Zinc nutrition in the United States. <i>American Journal of Clinical Nutrition</i> , 1973, 26, 1251-1260.	2.2	306
4	Zinc Deficiency. <i>American Journal of Diseases of Children</i> , 1991, 145, 853.	0.5	203
5	Increased cholesterol in plasma in a young man during experimental copper depletion. <i>Metabolism: Clinical and Experimental</i> , 1984, 33, 1112-1118.	1.5	181
6	History of Zinc as Related to Brain Function. <i>Journal of Nutrition</i> , 2000, 130, 496S-502S.	1.3	180
7	Dietary Fiber and Personality Factors as Determinants of Stool Output. <i>Gastroenterology</i> , 1981, 81, 879-883.	0.6	128
8	Zinc and Wound Healing. <i>American Journal of Clinical Nutrition</i> , 1970, 23, 514-519.	2.2	127
9	Impairment of deoxyribonucleic acid synthesis by dietary zinc deficiency in the rat. <i>Journal of Cellular Physiology</i> , 1969, 73, 81-83.	2.0	113
10	Jejunioileal Shunt in Surgical Treatment of Morbid Obesity. <i>Annals of Surgery</i> , 1970, 171, 770-782.	2.1	106
11	Causes of Iron and Zinc Deficiencies and Their Effects on Brain. <i>Journal of Nutrition</i> , 2000, 130, 347S-349S.	1.3	101
12	Zinc Deficiency during the Latter Third of Pregnancy: Effects on Fetal Rat Brain, Liver, and Placenta. <i>Journal of Nutrition</i> , 1975, 105, 1466-1475.	1.3	100
13	Kwashiorkor in Egypt. <i>American Journal of Clinical Nutrition</i> , 1965, 17, 15-26.	2.2	92
14	Zinc: Essentiality for Brain Development and Function. <i>Nutrition Reviews</i> , 2009, 43, 129-137.	2.6	86
15	Zinc Deficiency: Effect on Brain of the Suckling Rat. <i>Pediatric Research</i> , 1972, 6, 119-125.	1.1	82
16	Alterations in the postnatal development of the cerebellar cortex due to zinc deficiency. I. Impaired acquisition of granule cells. <i>Brain Research</i> , 1983, 271, 217-226.	1.1	81
17	Plasma Trace Metals During Total Parenteral Alimentation. <i>Gastroenterology</i> , 1976, 70, 1022-1025.	0.6	78
18	Severe Zinc Deficiency: Effects on the Distribution of Nine Elements (Potassium, Phosphorus, Sodium,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T Nutrition</i> , 1983, 113, 1895-1905.	1.3	76

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19	Zinc deficiency in Mexican American children: influence of zinc and other micronutrients on T cells, cytokines, and antiinflammatory plasma proteins. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1067-1073.	2.2	68
20	Influence of dietary fiber on trace element balance. <i>American Journal of Clinical Nutrition</i> , 1978, 31, 180S-184S.	2.2	67
21	Deliberations and Evaluations of Approaches, Endpoints and Paradigms for Determining Zinc Dietary Recommendations. <i>Journal of Nutrition</i> , 1996, 126, 2410S-2418S.	1.3	63
22	Lead Intoxication. <i>Archives of Environmental Health</i> , 1970, 20, 356-363.	0.4	62
23	The Effect of Zinc Deficiency on the Tensile Strength of Healing Surgical Incisions in the Integument of the Rat. <i>Experimental Biology and Medicine</i> , 1968, 128, 687-689.	1.1	58
24	Possible roles of zinc nutriture in the fetal origins of disease. <i>Experimental Gerontology</i> , 2008, 43, 378-381.	1.2	56
25	Effect of copper intake on balance, absorption, and status indices of copper in men. <i>Nutrition Research</i> , 1990, 10, 975-986.	1.3	55
26	Alterations in the postnatal development of the cerebellar cortex due to zinc deficiency. III. Impaired dendritic differentiation of basket and stellate cells. <i>Developmental Brain Research</i> , 1984, 16, 21-26.	2.1	54
27	Alterations in the postnatal development of the cerebellar cortex due to zinc deficiency. II. Impaired maturation of Purkinje cells. <i>Developmental Brain Research</i> , 1984, 16, 11-20.	2.1	53
28	Subclinical zinc deficiency impairs human brain function. <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 70-73.	1.5	53
29	Fiber, Phytates, and Mineral Nutrition. <i>Nutrition Reviews</i> , 1992, 50, 30-31.	2.6	52
30	Intra-uterine nutrition and its effects on aggression. <i>Physiology and Behavior</i> , 1977, 19, 653-661.	1.0	50
31	Effect of Zinc Deficiency on Protein Synthesis in Brain and Liver of Suckling Rats. <i>Journal of Nutrition</i> , 1977, 107, 1082-1093.	1.3	47
32	Intrauterine nutrition and aggression. <i>Nature</i> , 1975, 257, 221-222.	13.7	42
33	Zinc is essential for brain development and function. <i>Journal of Trace Elements in Experimental Medicine</i> , 2003, 16, 165-173.	0.8	41
34	Long term memory deficits in adult rats due to postnatal malnutrition. <i>Physiology and Behavior</i> , 1979, 22, 991-997.	1.0	40
35	Association between plasma zinc concentration and zinc kinetic parameters in premenopausal women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E1010-E1020.	1.8	40
36	Dietary phytate, zinc and hidden zinc deficiency. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 414-417.	1.5	40

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37	Zinc: Health Effects and Research Priorities for the 1990s. Environmental Health Perspectives, 1994, 102, 5.	2.8	39
38	Influence of Zinc Deficiency on Behavior. Experimental Biology and Medicine, 1973, 144, 680-682.	1.1	37
39	Effects of postnatal zinc deficiency on cerebellar and hippocampal development in the rat. Experimental Neurology, 1977, 55, 199-210.	2.0	35
40	Influence of Dietary Zinc on Rat Brain Catecholamines. Journal of Nutrition, 1982, 112, 514-519.	1.3	35
41	Growth Retardation and Zinc Nutrition. Pediatric Research, 1976, 10, 923-927.	1.1	34
42	Human Zinc Deficiency: Discovery to Initial Translation. Advances in Nutrition, 2013, 4, 76-81.	2.9	34
43	Changes in body composition after jejunoileal bypass in morbidly obese patients. American Journal of Surgery, 1972, 123, 49-56.	0.9	30
44	Association between zinc pool sizes and iron stores in premenopausal women without anaemia. British Journal of Nutrition, 2007, 98, 1214-1223.	1.2	30
45	Effect of Zinc Deficiency on Appetite and Free Amino Acid Concentrations in Rat Brain. Journal of Nutrition, 1983, 113, 47-54.	1.3	28
46	Spectral electroencephalographic correlates of iron status: Tired blood revisited. Physiology and Behavior, 1981, 26, 439-449.	1.0	25
47	Zinc Deficiency in the Weanling Rat: Effects on Liver Composition and Polysomal Profiles. Journal of Nutrition, 1976, 106, 1152-1158.	1.3	23
48	Food motivation of rehabilitated malnourished rats: Implications for learning studies. Learning and Behavior, 1980, 8, 152-158.	3.4	23
49	Current Concepts on Trace Minerals: Clinical Considerations. Medical Clinics of North America, 1970, 54, 1509-1531.	1.1	22
50	Malnutrition and Behavior: the Performance Versus Learning Problem Revisited. Journal of Nutrition, 1980, 110, 1858-1864.	1.3	21
51	EFFECTS OF DIETARY FIBER AND PROTEIN LEVEL ON MINERAL ELEMENT METABOLISM. , 1979, , 147-156.		21
52	ZINC INTAKE AND RESISTANCE TO H1N1 INFLUENZA. American Journal of Public Health, 2010, 100, 970-971.	1.5	19
53	Zinc in Human Nutrition. , 1981, , 93-157.		18
54	Zinc nutriture and taste acuity in patients with cystic fibrosis. Nutrition Research, 1981, 1, 13-24.	1.3	16

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55	NUTRITION AND BRAIN FUNCTION: TRACE ELEMENTS. Nutrition Reviews, 1986, 44, 37-41.	2.6	16
56	Thyroid Function in Normals: Influences on the Electroencephalogram and Cognitive Performance. Psychophysiology, 1984, 21, 72-78.	1.2	15
57	Zinc**Dr. Carl-Gustaf Elinder was the author of this chapter in the 2nd edition of the Handbook on Toxicology of Metals; his text provided guidance.. , 2007, , 925-947.		14
58	Zinc Nutrition from Discovery to Global Health Impact. Advances in Nutrition, 2012, 3, 718-719.	2.9	13
59	Oxidation of Alanine and Î²-Hydroxybutyrate in Late Gestation by Zinc-Restricted Rats. Journal of Nutrition, 1983, 113, 1803-1810.	1.3	12
60	Zinc: Growth, development, and function. Journal of Trace Elements in Experimental Medicine, 2000, 13, 41-49.	0.8	11
61	Renal And Gastrointestinal Potassium Excretion In Humans: New Insight Based On New Data And Review And Analysis Of Published Studies. Journal of the American College of Nutrition, 2007, 26, 103-110.	1.1	11
62	Improving study design. American Journal of Clinical Nutrition, 1999, 70, 110.	2.2	10
63	Effect of Zinc Deficiency on the Biosynthesis of Phosphatidylcholine in Rat Microsomes. Biological Trace Element Research, 1984, 6, 393-401.	1.9	9
64	History of Nutrition Symposium: Trace Element Nutrition and Human Health. Journal of Nutrition, 2000, 130, 483S-484S.	1.3	9
65	Zinc: An essential and unheralded nutrient. Translational Research, 1997, 130, 116-118.	2.4	8
66	Zinc as an unrecognized limiting nutrient. American Journal of Clinical Nutrition, 1973, 26, 790-791.	2.2	7
67	Origins of the Interdepartmental Committee on Nutrition for National Defense, and a Brief Note Concerning Its Demise. Journal of Nutrition, 2005, 135, 1257-1262.	1.3	7
68	Zinc deficiency and brain development in the rat. , 1975, , 167-172.		7
69	The Origin and Evolution of the Grand Forks Human Nutrition Research Center, 1970â€“90. Journal of Nutrition, 2009, 139, 173-177.	1.3	6
70	William J. Darby, 1913â€“2001. Journal of Nutrition, 2002, 132, 1103-1106.	1.3	4
71	Mineral Metabolism in Protein Malnutrition. , 1975, , 213-220.		4
72	Importance of the report â€œSyndrome of iron deficiency anemia, hepatosplenomegaly, hypogonadism, dwarfism and geophagiaâ€œ. Journal of Trace Elements in Experimental Medicine, 2001, 14, 145-155.	0.8	3

#	ARTICLE	IF	CITATIONS
73	How To Diagnose Nutritional Disorders In Daily Practice. Nutrition Today, 1969, 4, 20-26.	0.6	2
74	Dietary whole grains and zinc nutriture. American Journal of Clinical Nutrition, 2017, 106, 955-956.	2.2	2
75	Introduction to a History of Nutrition Symposium Concerning the Interdepartmental Committee on Nutrition for National Defense. Journal of Nutrition, 2005, 135, 1256.	1.3	0