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Zinc and immune function

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#	Paper	IF	Citations
153	Zinc. 2003 , 49, 601-608		3
152	The Role of Essential Elements in Oxidative Stress. 2003 , 9, 39-48		8
151	Investigation of lymphocyte gene expression for use as biomarkers for zinc status in humans. 2004 , 134, 1716-23		56
150	Immunonutrition and cancer. 2004 , 551, 29-42		63
149	Effects of zinc on cell-mediated immunity in chronic hemodialysis patients. 2004 , 98, 209-18		11
148	Nutritional analysis of the edible pit of <i>Sclerocarya birrea</i> in the Republic of Niger (daniya, Hausa). 2004 , 17, 99-111		35
147	Zinc and the risk for infectious disease. 2004 , 24, 255-75		358
146	Apoptosis by Zinc Deficiency. 2005 , 265-271		2
145	Nutrition and Cutaneous Ulcers. 2005 , 223-239		
144	The nutrient content of three edible plants of the Republic of Niger. 2005 , 18, 15-27		19
143	Importance of zinc in the elderly: the ZENITH study. <i>European Journal of Clinical Nutrition</i> , 2005 , 59 Suppl 2, S1-4	5.2	58
142	Zinc status and age-related changes in peripheral blood leukocyte subpopulations in healthy men and women aged 55-70 y: the ZENITH study. <i>European Journal of Clinical Nutrition</i> , 2005 , 59 Suppl 2, S63-72		14
141	Zinc pyrithione induces apoptosis and increases expression of Bim. 2005 , 10, 369-79		58
140	Immunodeficiency and Mucosal Immunity. 2005 , 1145-1157		4
139	What caused the epidemic of <i>Pneumocystis pneumonia</i> in European premature infants in the mid-20th century?. 2005 , 115, e725-36		14
138	Improvement of leukocyte functions in young prematurely aging mice after a 5-week ingestion of a diet supplemented with biscuits enriched in antioxidants. 2005 , 7, 1203-10		28
137	Nutritional aspects of care. 2006 , 18, 115-30, vii		9

136	Nutrition and inflammatory load. 2006 , 1083, 214-38	21
135	The antibacterial effects of zinc ion migration from zinc-based glass polyalkenoate cements. 2006 , 17, 489-94	92
134	Effect of improved zinc status on T helper cell activation and TH1/TH2 ratio in healthy elderly individuals. 2006 , 7, 429-35	37
133	Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. 2006 , 7, 437-47	23
132	Evidence for reprogramming global gene expression during zinc deficiency in the HUT-78 cell line. 2006 , 22, 1045-56	18
131	Metal biology: aspects of beneficial effects. 2007 , 36, 107-10	8
130	Age- and sex-dependent effects of long-term zinc supplementation on essential trace element status and lipid metabolism in European subjects: the Zenith Study. 2007 , 97, 569-78	23
129	Can zinc be an adjuvant therapy for juvenile onset recurrent respiratory papillomatosis?. 2007 , 71, 1163-73	4
128	Effect of zinc, copper, and calcium on the structure and stability of serum amyloid A. 2007 , 46, 5562-9	20
127	Zinc supplementation increases resistance to experimental infection by <i>Trypanosoma cruzi</i> . 2008 , 154, 32-7	18
126	Possible involvement of gadolinium chelates in the pathophysiology of nephrogenic systemic fibrosis: a critical review. 2008 , 248, 77-88	120
125	<i>Trypanosoma cruzi</i> : the effects of zinc supplementation during experimental infection. 2008 , 118, 549-54	13
124	Species and agonist dependent zinc modulation of endogenous and recombinant ATP-gated P2X7 receptors. 2008 , 76, 1740-7	11
123	TH1 and TH2 cell polarization increases with aging and is modulated by zinc supplementation. 2008 , 43, 493-8	54
122	Effect of zinc supplementation on plasma IL-6 and MCP-1 production and NK cell function in healthy elderly: interactive influence of +647 MT1a and -174 IL-6 polymorphic alleles. 2008 , 43, 462-71	61
121	The association of Geriatric Nutritional Risk Index and total lymphocyte count with short-term nutrition-related complications in institutionalised elderly. 2008 , 27, 406-13	43
120	Pharmacotherapy of recurrent respiratory papillomatosis: an expert opinion. 2009 , 10, 645-55	37
119	Serum levels of antioxidants (Zn, Cu, Se) in healthy volunteers living in Tehran. 2009 , 129, 36-45	31

118	The immune system and the impact of zinc during aging. 2009 , 6, 9	179
117	Disease-specific, versus standard, nutritional support for the treatment of pressure ulcers in institutionalized older adults: a randomized controlled trial. 2009 , 57, 1395-402	101
116	Zinc-deficiency induced changes in the distribution of rat white blood cells. 2009 , 55, 162-9	22
115	Systemic zinc redistribution and dyshomeostasis in cancer cachexia. 2010 , 1, 23-33	21
114	Immunomodulatory effects of zinc and DHEA on the Th-1 immune response in rats infected with <i>Trypanosoma cruzi</i> . 2010 , 215, 427-34	19
113	Effect of zinc supplementation in pregnant mice during experimental <i>Trypanosoma cruzi</i> infection. 2011 , 90, 269-74	5
112	Different recovery responses from dietary zinc-deficiency in the distribution of rat granulocytes. 2011 , 57, 197-201	6
111	Distribution of copper, iron, and zinc in biological samples (scalp hair, serum, blood, and urine) of Pakistani viral hepatitis (A-E) patients and controls. 2011 , 143, 116-30	21
110	Prenatal zinc supplementation of zinc-adequate rats adversely affects immunity in offspring. 2011 , 141, 1559-64	5
109	Turning up the heat: immune brinkmanship in the acute-phase response. 2012 , 87, 3-18	32
108	Effect of zinc sacrificial anode degradation on the defence system of the Pacific oyster, <i>Crassostrea gigas</i> : chronic and acute exposures. 2012 , 64, 1911-20	11
107	Effect of zinc on human IgG1 and its FcR interactions. 2012 , 143, 60-9	9
106	<i>Trypanosoma evansi</i> : effects of zinc and copper in experimentally infected rats. 2012 , 131, 358-62	2
105	Zinc: dietary intake and impact of supplementation on immune function in elderly. 2013 , 35, 839-60	87
104	Biological Functions of the Elements. 2013 , 129-177	7
103	Chelant-assisted phytoextraction and accumulation of Zn by <i>Zea mays</i> . 2013 , 128, 631-6	15
102	Zinc supplementation in children and adolescents with acute leukemia. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 1056-9	5.2 20
101	Dietary zinc deficiency affects blood linoleic acid: dihomo- Δ linolenic acid (LA:DGLA) ratio; a sensitive physiological marker of zinc status in vivo (<i>Gallus gallus</i>). <i>Nutrients</i> , 2014 , 6, 1164-80	6.7 49

100	Undernutrition, the acute phase response to infection, and its effects on micronutrient status indicators. 2014 , 5, 702-11	70
99	Effect of probiotic <i>L. plantarum</i> IS-10506 and zinc supplementation on humoral immune response and zinc status of Indonesian pre-school children. 2014 , 28, 465-9	27
98	Effect of zinc on immune functions in patients with pulmonary tuberculosis. 2014 , 4, 245-250	1
97	Microstructure, corrosion, and mechanical properties of compression-molded zinc-nanodiamond composites. 2014 , 49, 3629-3641	26
96	Sputum containing zinc enhances carbapenem resistance, biofilm formation and virulence of <i>Pseudomonas aeruginosa</i> . 2014 , 77, 36-41	21
95	Factors affecting immunogenicity of BCG in infants, a study in Malawi, The Gambia and the UK. 2014 , 14, 184	23
94	Combination of Zinc and All-Trans Retinoic Acid Promotes Protection against <i>Listeria monocytogenes</i> Infection. 2015 , 10, e0137463	15
93	The beneficial effect of dietary zinc supplementation on anaemia and immunosuppression in <i>Trypanosoma brucei</i> infected rats. 2015 , 154, 87-92	8
92	Serum Zinc and Haptoglobin in Noncirrhotic Azeri Patients with Chronic Active Hepatitis C: a Case-Control Study. 2015 , 167, 187-93	3
91	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. 2015 , 35 Suppl, S185-S198	738
90	Dietary Lipid Determines the Health of Airway Epithelia and the Lungs. 2016 , 583-603	
89	Measuring the Change in Zinc Ion Concentration in Eye Tear Fluid between Healthy and Parasite Infected Individuals: Relationship between Zinc Ions in Tear Fluid and Parasitic Infection by Soil-Transmitted Helminths. 2016 , 05,	
88	Roles of Zinc Signaling in the Immune System. 2016 , 2016, 6762343	115
87	Zinc. 2016 , 551-566	2
86	Zinc and immunity: An essential interrelation. 2016 , 611, 58-65	139
85	Subchronic exposure to static magnetic field differently affects zinc and copper content in murine organs. 2016 , 92, 140-7	17
84	Particle induced X-ray emission study of blood samples of Indian Kala-azar patients. 2017 , 41, 193-198	3
83	Essential oils and metal ions as alternative antimicrobial agents: a focus on tea tree oil and silver. 2017 , 14, 369-384	15

82	Anti-inflammatory activity of green versus black tea aqueous extract in a rat model of human rheumatoid arthritis. 2017 , 20, 203-213	14
81	Dietary zinc oxide nanoparticles as growth promoter for weanling pigs. 2017 , 227, 13-23	26
80	Phosphatase Mimicking Activity of Two Zinc(II) Schiff Base Complexes with Zn ₂ O ₂ Cores: NBO Analysis and MEP Calculation to Estimate Non-Covalent Interactions. 2017 , 2, 6286-6295	21
79	Evaluation of Serum Trace Element Levels and Superoxide Dismutase Activity in Patients with Inflammatory Bowel Disease: Translating Basic Research into Clinical Application. 2017 , 177, 235-240	35
78	Levels of heavy and essential trace metals and their correlation with antioxidant and health status in individuals occupationally exposed to municipal solid wastes. 2017 , 33, 431-442	12
77	Hierarchically porous, and Cu- and Zn-containing γ-ALOOH mesostrands as adjuvants for cancer immunotherapy. 2017 , 7, 16749	22
76	Influences of Copper/Zinc-Loaded Montmorillonite on Growth Performance, Mineral Retention, Intestinal Morphology, Mucosa Antioxidant Capacity, and Cytokine Contents in Weaned Piglets. 2018 , 185, 356-363	15
75	Metaphylactic effect of minerals on the immune response, biochemical variables and antioxidant status of newborn calves. 2018 , 102, 819-824	5
74	Is the adaptive immune response in murine Trypanosoma cruzi infection influenced by zinc supplementation?. 2018 , 111, 330-336	2
73	New Insights into the Role of Trace Elements in IBD. 2018 , 2018, 1813047	23
72	Functional Nucleic Acid Based Biosensors for Transition Metal Ion Detection. 2018 , 125-159	
71	Zinc Alleviates Lipopolysaccharide Interference with Both Body Temperature and Sickness Behavior in Virgin Female Rats. 2018 , 25, 89-95	1
70	Effects of dietary zinc oxide nanoparticles supplementation on growth performance, zinc status, intestinal morphology, microflora population, and immune response in weaned pigs. 2019 , 99, 1366-1374	42
69	Maternal Nutrition, Child Development, and Immunity. 2019 , 183-208	
68	Current status and perspectives of zinc-based absorbable alloys for biomedical applications. 2019 , 97, 1-22	83
67	The immune-nutrition interplay in aging [Facts and controversies. 2019 , 5, 73-95	7
66	The Role of Zinc in Poultry Breeder and Hen Nutrition: an Update. 2019 , 192, 308-318	11
65	Association of nutritional support programs with zinc deficiency in Colombian children: a cross-sectional study. 2019 , 5, 42	3

64	Co-sputtered Antibacterial and Biocompatible Nanocomposite Titania-Zinc Oxide thin films on Si substrates for Dental Implant applications. 2019 , 34, 32-42		7
63	Trace Elements Associated with Systemic Lupus Erythematosus and Insulin Resistance. 2019 , 191, 34-44		10
62	Rapid method for simultaneous determination of ascorbic acid and zinc in effervescent tablets by capillary zone electrophoresis with contactless conductivity detection. 2019 , 42, 754-759		9
61	seed extract treatment recovers the trace elements imbalances in experimental murine visceral leishmaniasis. 2020 , 44, 131-136		
60	Zinc status (intake and level) of healthy elderly individuals in Riyadh and its relationship to physical health and cognitive impairment. 2020 , 29, 10-17		4
59	Zinc, manganese, and copper amino acid complexes improve performance and bone characteristics of layer-type chicks under thermoneutral and cold stress conditions. 2020 , 99, 5718-5727		0
58	Biological Role of Withania somnifera against Promiscuity of Zinc Oxide Nano Particles and Its Interaction with Macrophages. 2020 ,		
57	Nutritional Modulation of the Microbiome and Immune Response. 2020 , 205, 1479-1487		8
56	Gender-differentiated metabolic abnormalities of adult zebrafish with zinc pyrithione (ZPT)-induced hepatotoxicity. 2020 , 257, 127177		2
55	Construction of a high-resolution genetic map of <i>Crassostrea gigas</i> : QTL mapping and GWAS applications revealed candidate genes controlling nutritional traits. 2020 , 527, 735427		4
54	A Batch Injection Analysis System with Square-wave Voltammetric Detection for Fast and Simultaneous Determination of Zinc and Ascorbic Acid. 2021 , 33, 90-96		0
53	Nutritional perspectives for the prevention and mitigation of COVID-19. <i>Nutrition Reviews</i> , 2021 , 79, 289-300	6.4	30
52	Interactions of zinc aqua complexes with ovalbumin at the forefront of the Zn ²⁺ /ZnO-OVO hybrid complex formation mechanism. <i>Applied Surface Science</i> , 2021 , 542, 148641	6.7	5
51	Establishment of primary cell culture of <i>Ruditapes decussatus</i> haemocytes for metal toxicity assessment. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021 , 57, 477-484	2.6	1
50	A High-Metabolite Immunogen From Fermented Yeast Extract: Balancing and Strengthening Immune Response. <i>Holistic Nursing Practice</i> , 2021 , 35, 167-171	1.2	
49	Changes in Diarrhea Score, Nutrient Digestibility, Zinc Utilization, Intestinal Immune Profiles, and Fecal Microbiome in Weaned Piglets by Different Forms of Zinc. <i>Animals</i> , 2021 , 11,	3.1	8
48	Assessment of the In Vivo Release and Biocompatibility of Novel Vesicles Containing Zinc in Rats. <i>Molecules</i> , 2021 , 26,	4.8	
47	Resveratrol-zinc nanoparticles or pterostilbene-zinc: Potential COVID-19 mono and adjuvant therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111626	7.5	8

46	Immunopharmacological perspective on zinc in SARS-CoV-2 infection. <i>International Immunopharmacology</i> , 2021 , 96, 107630	5.8	9
45	A Nutraceutical Formula Is Effective in Raising the Circulating Vitamin and Mineral Levels in Healthy Subjects: A Randomized Trial. <i>Frontiers in Nutrition</i> , 2021 , 8, 703394	6.2	
44	A review on current research status of the surface modification of Zn-based biodegradable metals. <i>Bioactive Materials</i> , 2022 , 7, 192-216	16.7	14
43	Functional implications of seizure-induced neurogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 548, 192-212	3.6	74
42	Trace Elements/Minerals and Immunity. 2004 , 117-140		8
41	Trace Elements and Immune Function. 2010 , 253-262		1
40	Zinc, Zn. 2019 , 363-411		1
39	Dietary Intake and Impact of Zinc Supplementation on the Immune Functions in Elderly: Nutrigenomic Approach. 2014 , 295-308		2
38	Malnutrition and infection in industrialized countries. 2007 , 117-143		1
37	Zinc Iodide in combination with Dimethyl Sulfoxide for treatment of SARS-CoV-2 and other viral infections. <i>Medical Hypotheses</i> , 2020 , 143, 109866	3.8	10
36	Replacement of inorganic zinc with lower levels of organic zinc (zinc nicotinate) on performance, hematological and serum biochemical constituents, antioxidants status, and immune responses in rats. <i>Veterinary World</i> , 2015 , 8, 1156-62	1.7	11
35	Zinco no plasma e eritrócito de atletas profissionais de uma equipe feminina brasileira de voleibol. <i>Revista De Nutricao</i> , 2006 , 19, 581-590	1.8	4
34	Impact of Brucellosis on Interleukin -23 Level, Acid Phosphates and Some Other Trace Elements. <i>Journal of Pure and Applied Microbiology</i> , 2018 , 12, 2011-2016	0.9	2
33	The effect of circulating zinc, selenium, copper and vitamin K1 on COVID-19 outcomes: a Mendelian randomization study.		0
32	Evaluation of zinc and selenium alterations in children with acute infections: Correlation with markers of inflammation. <i>Interventional Medicine & Applied Science</i> , 2012 , 4, 15-20	0.7	
31	Interaction between ZnO Nanoparticles and Albumin and Its Effect on Cytotoxicity, Cellular Uptake, Intestinal Transport, Toxicokinetics, and Acute Oral Toxicity. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
30	Zinc as a Drug for Wilson@ Disease, Non-Alcoholic Liver Disease and COVID-19-Related Liver Injury. <i>Molecules</i> , 2021 , 26,	4.8	2
29	Garlic and cilantro assisted phytoextraction of zinc using <i>Sansevieria roxburghiana</i> from contaminated soil. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 38, 102203	4.2	0

28 Zink (Zn). **2006**, 39-6227 Evaluation of Zinc Plasma Level in Iranian Cirrhotic Patients due to Hepatitis B and Hepatitis C. *Hepatitis Monthly*, **2010**, 10, 62-4 1.8 826 Assessment of zinc concentration in random samples of the adult population in shiraz, iran. *Iranian Red Crescent Medical Journal*, **2011**, 13, 249-55 1.3 625 Evidence Supporting a Phased Immuno-physiological Approach to COVID-19 From Prevention Through Recovery. *Integrative Medicine*, **2020**, 19, 8-35 0.4 624 The Effect of Circulating Zinc, Selenium, Copper and Vitamin K on COVID-19 Outcomes: A Mendelian Randomization Study.. *Nutrients*, **2022**, 14, 6.7 523 Synthesis, characterization and crystal structure of a glycyglycinate chelate of zinc(II). *Results in Chemistry*, **2022**, 4, 100274 2.122 Influence of Nutritional Intakes in Japan and the United States on COVID-19 Infection.. *Nutrients*, **2022**, 14, 6.7 221 Elements and antioxidants in wild boar from northwestern Russia. *European Journal of Wildlife Research*, **2022**, 68, 1 220 Nutrient Intake and Dietary Inflammatory Potential in Current and Recovered Anorexia Nervosa.. *Nutrients*, **2021**, 13, 6.7 019 COVID-19: A Review on the Role of Trace Elements Present in Saudi Arabian Traditional Dietary Supplements.. *Pakistan Journal of Biological Sciences*, **2022**, 25, 1-8 0.8 018 Bioinorganic Chemistry of Zinc in relation to the Immune system. *ChemBioChem*, **2021**, 3.8 017 Total Usual Nutrient Intakes and Nutritional Status of United Arab Emirates Children (. *Current Developments in Nutrition*, **2022**, 6, nzac080 0.4 016 A smartphone-based photometric and fluorescence sensing for accurate estimation of zinc ion in water. *Sensors and Actuators A: Physical*, **2022**, 341, 113586 3.915 Biodegradable Zn-Cu-Fe Alloy as a Promising Material for Craniomaxillofacial Implants: An in vitro Investigation into Degradation Behavior, Cytotoxicity, and Hemocompatibility. *Frontiers in Chemistry*, 10, 5 114 The Effect of Vitamin C and Zn Supplementation on the Immune System and Clinical Outcomes in COVID-19 Patients. *Clinical Nutrition Open Science*, **2022**, 1 113 Effect of Pulse Frequency on the Microstructure and the Degradation of Pulse Electroformed Zinc for Fabricating the Shell of Biodegradable Dosing Pump. *Bioengineering*, **2022**, 9, 289 5.312 The influence of zinc ions concentration on β -lactoglobulin structure β physicochemical properties of Zn β -lactoglobulin complexes. *Journal of Molecular Structure*, **2022**, 133745 3.4 011 Synthesis and Structure of Tetrahedral [Zn(maltol)₂Cl₂], Exhibiting Monodentate Coordination of Neutral Maltol.

10	Functional constituents of plant-based foods boost immunity against acute and chronic disorders. 2022 , 17, 1075-1093	5
9	Glucosamine and maltol anchored Zinc(II) complex of COVID-19 health supplement relevance: DFT collaborated spectroscopic formulation with profound biological implications. 2022 , 100743	1
8	Identification of Potential Zinc Deficiency Responsive Genes and Regulatory Pathways in Rice by Weighted Gene Co-expression Network Analysis. 2022 , 29, 545-558	0
7	Marmara Bölgesindeki Koyunlarda Serum Bakır (Cu) ve Çinko (Zn) Değerleri.	0
6	Nutrition and Diet: A Double-Edged Sword in Development and Treatment of Brain Tumors. 2023 , 153-180	0
5	Evaluasi Kebutuhan Nutrien dan Suplementasi Zinc untuk Calon Galur Ayam IPB-D2 Fase Pre-layer. 2022 , 20, 123-129	0
4	Pharmacological, Cytotoxic, Immunostimulant, and Auto-Immune Activity of Thalloid Liverworts: An Overview. 2022 , 42, 9-19	0
3	Correlation of Whole Blood Zinc Levels, CD4 Cell Count, Disease Stage, and Dermatologic Manifestations Among HIV Patients: A Single Center Experience in Philippines. 2023 , 6, 25-28	0
2	Development of a new generation of miniemulsion based on cottonseed oil with Tocopherol and ZnO and evaluation of its adjuvant activity. 11, e14981	0
1	Correlation of Cytokines with Parasitic Infections, Undernutrition and Micronutrient Deficiency among Schoolchildren in Rural Tanzania: A Cross-Sectional Study. 2023 , 15, 1916	0