Manuel Olivares

List of Publications by Year
in descending order

111	3,919	36	58
papers	citations	h-index	g-index
		101496	138417

113	113	113	4386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancers of Iron Absorption: Ascorbic Acid and other Organic Acids. International Journal for Vitamin and Nutrition Research, 2004, 74, 403-419.	0.6	285
2	Risks and benefits of copper in light of new insights of copper homeostasis. Journal of Trace Elements in Medicine and Biology, 2011, 25, 3-13.	1.5	242
3	Changes in Bone Mineral Density, Body Composition and Adiponectin Levels in Morbidly Obese Patients after Bariatric Surgery. Obesity Surgery, 2009, 19, 41-46.	1.1	146
4	Iron status with different infant feeding regimens: Relevance to screening and prevention of iron deficiency. Journal of Pediatrics, 1991, 118, 687-692.	0.9	139
5	Inhibition of iron and copper uptake by iron, copper and zinc. Biological Research, 2006, 39, 95-102.	1.5	105
6	Iron, Anemia, and Infection. Nutrition Reviews, 1997, 55, 111-124.	2.6	98
7	Iron absorption and iron status are reduced after Roux-en-Y gastric bypass. American Journal of Clinical Nutrition, 2009, 90, 527-532.	2.2	95
8	Milk Inhibits and Ascorbic Acid Favors Ferrous Bis-Glycine Chelate Bioavailability in Humans. Journal of Nutrition, 1997, 127, 1407-1411.	1.3	90
9	Copper in Infant Nutrition: Safety of World Health Organization Provisional Guideline Value for Copper Content of Drinking Water. Journal of Pediatric Gastroenterology and Nutrition, 1998, 26, 251-257.	0.9	86
10	Iron, Copper, and Zinc Transport: Inhibition of Divalent Metal Transporter 1 (DMT1) and Human Copper Transporter 1 (hCTR1) by shRNA. Biological Trace Element Research, 2012, 146, 281-286.	1.9	85
11	Iron, copper and immunocompetence. British Journal of Nutrition, 2007, 98, S24-S28.	1.2	78
12	Usefulness of serum transferrin receptor and serum ferritin in diagnosis of iron deficiency in infancy. American Journal of Clinical Nutrition, 2000, 72, 1191-1195.	2.2	75
13	Determination of an Acute No-Observed-Adverse-Effect Level (NOAEL) for Copper in Water. Regulatory Toxicology and Pharmacology, 2001, 34, 137-145.	1.3	75
14	Gastrointestinal symptoms and blood indicators of copper load in apparently healthy adults undergoing controlled copper exposure. American Journal of Clinical Nutrition, 2003, 77, 646-650.	2.2	75
15	Copper in human health. International Journal of Environment and Health, 2007, 1, 608.	0.3	75
16	Understanding copper homeostasis in humans and copper effects on health. Biological Research, 2006, 39, 183-7.	1.5	75
17	Anaemia and iron deficiency disease in children. British Medical Bulletin, 1999, 55, 534-543.	2.7	73
18	Heme- and nonheme-iron absorption and iron status 12 mo after sleeve gastrectomy and Roux-en-Y gastric bypass in morbidly obese women. American Journal of Clinical Nutrition, 2012, 96, 810-817.	2.2	73

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19	Zinc absorption and zinc status are reduced after Roux-en-Y gastric bypass: a randomized study using 2 supplements. American Journal of Clinical Nutrition, 2011, 94, 1004-1011.	2.2	63
20	Iron, zinc, and copper: contents in common Chilean foods and daily intakes in Santiago, Chile. Nutrition, 2004, 20, 205-212.	1.1	61
21	Prevalence of Anemia in Latin America and the Caribbean. Food and Nutrition Bulletin, 2015, 36, S119-S128.	0.5	59
22	Less than Adequate Vitamin D Status and Intake in Latin America and the Caribbean: A Problem of Unknown Magnitude. Food and Nutrition Bulletin, 2013, 34, 52-64.	0.5	58
23	Community-Based Randomized Double-Blind Study of Gastrointestinal Effects and Copper Exposure in Drinking Water. Environmental Health Perspectives, 2004, 112, 1068-1073.	2.8	56
24	Acute inhibition of iron bioavailability by zinc: studies in humans. BioMetals, 2012, 25, 657-664.	1.8	56
25	Iron Amino Acid Chelates. International Journal for Vitamin and Nutrition Research, 2004, 74, 435-443.	0.6	54
26	Nausea Threshold in Apparently Healthy Individuals Who Drink Fluids Containing Graded Concentrations of Copper. Regulatory Toxicology and Pharmacology, 2001, 33, 271-275.	1.3	50
27	Determination of the Taste Threshold of Copper in Water. Chemical Senses, 2001, 26, 85-89.	1.1	48
28	Folate and Vitamin B₁₂ Status in Latin America and the Caribbean. Food and Nutrition Bulletin, 2015, 36, S109-S118.	0.5	48
29	Total Iron and Heme Iron Content and their Distribution in Beef Meat and Viscera. Biological Trace Element Research, 2009, 132, 103-111.	1.9	47
30	Copper exposure and potential biomarkers of copper metabolism. BioMetals, 2003, 16, 199-204.	1.8	46
31	Present situation of biomarkers for copper status. American Journal of Clinical Nutrition, 2008, 88, 859S-862S.	2.2	45
32	Body mass index, iron absorption and iron status in childbearing age women. Journal of Trace Elements in Medicine and Biology, 2015, 30, 215-219.	1.5	41
33	Effect of phytic acid, tannic acid and pectin on fasting iron bioavailability both in the presence and absence of calcium. Journal of Trace Elements in Medicine and Biology, 2015, 30, 112-117.	1.5	40
34	Confirmation of an acute no-observed-adverse-effect and low-observed-adverse-effect level for copper in bottled drinking water in a multi-site international study. Regulatory Toxicology and Pharmacology, 2003, 38, 389-399.	1.3	39
35	Calcium Does Not Inhibit the Absorption of 5 Milligrams of Nonheme or Heme Iron at Doses Less Than 800 Milligrams in Nonpregnant Women,. Journal of Nutrition, 2011, 141, 1652-1656.	1.3	39
36	Effect of acute copper exposure on gastrointestinal permeability in healthy volunteers. Digestive Diseases and Sciences, 2001, 46, 1909-1914.	1.1	38

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37	CCS and SOD1 mRNA are reduced after copper supplementation in peripheral mononuclear cells of individuals with high serum ceruloplasmin concentration. Journal of Nutritional Biochemistry, 2008, 19, 269-274.	1.9	38
38	Prebiotics increase heme iron bioavailability and do not affect non-heme iron bioavailability in humans. Food and Function, 2017, 8, 1994-1999.	2.1	38
39	Copper Homeostasis in Infant Nutrition: Deficit and Excess. Journal of Pediatric Gastroenterology and Nutrition, 2000, 31, 102-111.	0.9	37
40	Persistent anemia after Roux-en-Y gastric bypass. Nutrition, 2007, 23, 277-280.	1.1	36
41	Age and copper intake do not affect copper absorption, measured with the use of 65Cu as a tracer, in young infants. American Journal of Clinical Nutrition, 2002, 76, 641-645.	2.2	34
42	New insights about iron bioavailability inhibition by zinc. Nutrition, 2007, 23, 292-295.	1.1	34
43	Effect of Supplementation with an Iron-Fortified Milk on Incidence of Diarrhea and Respiratory Infection in Urban-Resident Infants. Scandinavian Journal of Infectious Diseases, 1995, 27, 385-389.	1.5	31
44	Parallels and contrasts between iron and copper metabolism. BioMetals, 2003, 16, 1-8.	1.8	31
45	Supplementing Copper at the Upper Level of the Adult Dietary Recommended Intake Induces Detectable but Transient Changes in Healthy Adults. Journal of Nutrition, 2005, 135, 2367-2371.	1.3	31
46	Iron bis-glycine chelate competes for the nonheme-iron absorption pathway. American Journal of Clinical Nutrition, 2002, 76, 577-581.	2.2	30
47	The effect of proteins from animal source foods on heme iron bioavailability in humans. Food Chemistry, 2016, 196, 733-738.	4.2	30
48	Iron Bioavailability in Corn-Masa Tortillas Is Improved by the Addition of Disodium EDTA. Journal of Nutrition, 2003, 133, 3158-3161.	1.3	29
49	Sex and Ceruloplasmin Modulate the Response to Copper Exposure in Healthy Individuals. Environmental Health Perspectives, 2004, 112, 1654-1657.	2.8	26
50	Trace Element Status and Inflammation Parameters after 6ÂMonths of Roux-en-Y Gastric Bypass. Obesity Surgery, 2011, 21, 561-568.	1.1	26
51	Zinc Deficiency in Latin America and the Caribbean. Food and Nutrition Bulletin, 2015, 36, S129-S138.	0.5	23
52	Research Communication: Heme-Iron Absorption Is Saturable by Heme-Iron Dose in Women. Journal of Nutrition, 2003, 133, 2214-2217.	1.3	22
53	High Absorption of Fortification Iron From Current Infant Formulas. Journal of Pediatric Gastroenterology and Nutrition, 1998, 27, 425-430.	0.9	21
54	Ascorbyl palmitate enhances iron bioavailability in iron-fortified bread. American Journal of Clinical Nutrition, 2006, 84, 830-834.	2.2	18

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55	Iron absorption from wheat flour: effects of lemonade and chamomile infusion. Nutrition, 2007, 23, 296-300.	1.1	17
56	The Effect of Plant Proteins Derived from Cereals and Legumes on Heme Iron Absorption. Nutrients, 2015, 7, 8977-8986.	1.7	17
57	Differential response of interleukin-2 production to chronic copper supplementation in healthy humans. European Cytokine Network, 2005, 16, 261-5.	1.1	17
58	Gastric response to acute copper exposure. Science of the Total Environment, 2003, 303, 253-257.	3.9	16
59	Acute inhibition of iron absorption by zinc. Nutrition Research, 2007, 27, 279-282.	1.3	16
60	Ceruloplasmin, an Indicator of Copper Status. Biological Trace Element Research, 2008, 123, 261-269.	1.9	16
61	Total Iron, Heme Iron, Zinc, and Copper Content in Rabbit Meat and Viscera. Biological Trace Element Research, 2011, 143, 1489-1496.	1.9	16
62	Evaluation of Iron Status and Prevalence of Iron Deficiency in Infants in Chile. , 1983, , 273-283.		16
63	Effect of an iron fortified milk on morbidity in infancy. A field trial. Nutrition Research, 1987, 7, 915-922.	1.3	15
64	Effect of Daily Supplementation with Iron and Zinc on Iron Status of Childbearing Age Women. Biological Trace Element Research, 2015, 165, 10-17.	1.9	15
65	Smaller iron particle size improves bioavailability of hydrogen-reduced ironâ€"fortified bread. Nutrition Research, 2006, 26, 235-239.	1.3	14
66	Interpretation of Serum Retinol Data From Latin America and the Caribbean. Food and Nutrition Bulletin, 2015, 36, S98-S108.	0.5	14
67	Causas y consecuencias de la deficiencia de hierro. Revista De Nutricao, 2004, 17, 05-14.	0.4	13
68	Introduction. Food and Nutrition Bulletin, 2015, 36, S95-S97.	0.5	13
69	Effect of iron stores on heme iron absorption. Nutrition Research, 1993, 13, 633-638.	1.3	12
70	Acquisition of Visuomotor Abilities and Intellectual Quotient in Children Aged 4â€"10ÂYears: Relationship with Micronutrient Nutritional Status. Biological Trace Element Research, 2007, 120, 92-101.	1.9	12
71	Heme Iron Uptake by Caco-2 Cells is a Saturable, Temperature Sensitive and Modulated by Extracellular pH and Potassium. Biological Trace Element Research, 2008, 125, 109-119.	1.9	12
72	Chilean Complementary Feeding Program Reduces Anemia and Improves Iron Status in Children Aged 11 to 18 Months. Food and Nutrition Bulletin, 2013, 34, 378-385.	0.5	12

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73	Iron absorption of ferric glycinate is controlled by iron stores. Nutrition Research, 1998, 18, 3-9.	1.3	11
74	The Effect of Calcium on Non-heme Iron Uptake, Efflux, and Transport in Intestinal-like Epithelial Cells (Caco-2 Cells). Biological Trace Element Research, 2012, 145, 300-303.	1.9	11
75	Copper Supplementation at 8Âmg Neither Affects Circulating Lipids nor Liver Function in Apparently Healthy Chilean Men. Biological Trace Element Research, 2013, 156, 1-4.	1.9	11
76	Iron Status Biomarkers and C-Reactive Protein in Children Aged 19 to 72 Months in Chile. Food and Nutrition Bulletin, 2013, 34, 14-20.	0.5	11
77	One-month of calcium supplementation does not affect iron bioavailability: AÂrandomized controlled trial. Nutrition, 2014, 30, 44-48.	1.1	11
78	Reducing iron deficiency anemia in Bolivian school children: Calcium and iron combined versus iron supplementation alone. Nutrition, 2014, 30, 771-775.	1.1	11
79	Effect of various calcium salts on non-heme iron bioavailability in fasted women of childbearing age. Journal of Trace Elements in Medicine and Biology, 2018, 49, 8-12.	1.5	11
80	Effect of Trypsin and Mucin on Heme Iron Bioavailability in Humans. Biological Trace Element Research, 2012, 150, 37-41.	1.9	10
81	The Mechanisms for Regulating Absorption of Fe Bis-Glycine Chelate and Fe-Ascorbate in Caco-2 Cells Are Similar. Journal of Nutrition, 2004, 134, 395-398.	1.3	9
82	Effect of Zinc Sulfate Fortificant on Iron Absorption from Low Extraction Wheat Flour Co-Fortified with Ferrous Sulfate. Biological Trace Element Research, 2013, 151, 471-475.	1.9	9
83	Is a 40Â% Absorption of Iron from a Ferrous Ascorbate Reference Dose Appropriate to Assess Iron Absorption Independent of Iron Status?. Biological Trace Element Research, 2013, 155, 322-326.	1.9	9
84	Iron Absorption from Two Milk Formulas Fortified with Iron Sulfate Stabilized with Maltodextrin and Citric Acid. Nutrients, 2015, 7, 8952-8959.	1.7	9
85	Low prevalence of iron deficiency anemia between 1981 and 2010 in Chilean women of childbearing age. Salud Publica De Mexico, 2013, 55, 478.	0.1	9
86	Bioavailability of iron supplements consumed daily is not different from that of iron supplements consumed weekly. Nutrition Research, 1999, 19, 179-190.	1.3	8
87	Effect of Increasing Levels of Zinc Fortificant on the Iron Absorption of Bread Co-Fortified with Iron and Zinc Consumed with a Black Tea. Biological Trace Element Research, 2013, 154, 321-325.	1.9	8
88	Acute Copper Supplementation Does Not Inhibit Non-Heme Iron Bioavailability in Humans. Biological Trace Element Research, 2010, 136, 180-186.	1.9	7
89	Low Prevalence of Anemia in Children Aged 19 to 72 Months in Chile. Food and Nutrition Bulletin, 2012, 33, 308-311.	0.5	7
90	Prevalencia de las deficiencias de zinc y cobre en adultos mayores de la RegiÃ³n Metropolitana de Santiago. Revista Medica De Chile, 2011, 139, 283-289.	0.1	7

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91	Effect of Helicobacter pylori Infection on Iron Absorption in Asymptomatic Adults Consuming Wheat Flour Fortified with Iron and Zinc. Biological Trace Element Research, 2011, 144, 1318-1326.	1.9	6
92	Nutritional status of Chilean school children from different socioeconomic status and sex. Chile's metropolitan region. Survey 1986â€"1987. Ecology of Food and Nutrition, 1991, 26, 1-16.	0.8	5
93	Transferrin and iron salts modulate differently tumor necrosis factor-Î± secretion by cultured human mononuclear cells1â€"3. Nutrition Research, 1999, 19, 651-661.	1.3	5
94	Bioavailability of Stabilised Ferrous Gluconate with Glycine in Fresh Cheese Matrix: a Novel Iron Compound for Food Fortification. Biological Trace Element Research, 2013, 151, 441-445.	1.9	5
95	Acute Copper and Ascorbic Acid Supplementation Inhibits Non-heme Iron Absorption in Humans. Biological Trace Element Research, 2016, 172, 315-319.	1.9	5
96	Fortification. Modern Nutrition, 2000, , 153-183.	0.1	5
97	Transferrin modulates tumor necrosis factor-Î± secretion by cultured human mononuclear cells: influence of iron status. Nutrition, 2000, 16, 229-230.	1.1	4
98	Non-heme Iron as Ferrous Sulfate Does Not Interact with Heme Iron Absorption in Humans. Biological Trace Element Research, 2012, 150, 68-73.	1.9	4
99	Zinc absorption and zinc status are reduced after either sleeve gastrectomy or Roux-en-Y gastric bypass in premenopausal women with severe obesity studied prospectively over 24 postoperative months. American Journal of Clinical Nutrition, 2021, 114, 322-329.	2.2	4
100	Models to Evaluate Health Risks Derived from Copper Exposure/Intake in Humans. Advances in Experimental Medicine and Biology, 1999, 448, 17-28.	0.8	4
101	Tumour necrosis factor-Î± transcription in transferrin-stimulated human blood mononuclear cells: is transferrin receptor involved in the signalling mechanism?. British Journal of Haematology, 2003, 120, 829-835.	1.2	3
102	Case study of complaints on drinking water quality. Biological Trace Element Research, 2007, 116, 131-145.	1.9	3
103	Effect of Increasing Concentrations of Zinc on the Absorption of Iron from Iron-Fortified Milk. Biological Trace Element Research, 2012, 150, 21-25.	1.9	3
104	Pectin Esterification Degree in the Bioavailability of Non-heme Iron in Women. Biological Trace Element Research, 2018, 181, 38-43.	1.9	3
105	Reply to O Pineda. American Journal of Clinical Nutrition, 2003, 78, 496.	2.2	2
106	Risiken und Nutzen von Kupfer im Licht neuer Erkenntnisse zur KupferhomÃ¶ostase. Perspectives in Medicine, 2014, 2, 40-55.	0.4	2
107	Milk and Dairy Products. , 2018, , 175-181.		1
108	Iron Particle Size in Iron-Fortified Bread. , 2011, , 273-279.		0

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109	Reply to Hoppe and HulthÃ©n. Journal of Nutrition, 2012, 142, 582.	1.3	0
110	Exploratory Study: Excessive Iron Supplementation Reduces Zinc Content in Pork without Affecting Iron and Copper. Animals, 2021, 11, 776.	1.0	0
111	Case study of complaints on drinking water quality. Biological Trace Element Research, 2007, 116, 131-145.	1.9	0