

# Manuel Ruz

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,527  
citations

331670

21  
h-index

315739

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Bone Mineral Density, Body Composition and Adiponectin Levels in Morbidly Obese Patients after Bariatric Surgery. <i>Obesity Surgery</i> , 2009, 19, 41-46.	2.1	146
2	Inhibition of iron and copper uptake by iron, copper and zinc. <i>Biological Research</i> , 2006, 39, 95-102.	3.4	105
3	Iron absorption and iron status are reduced after Roux-en-Y gastric bypass. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 527-532.	4.7	95
4	Micronutrient Deficiencies in Morbidly Obese Women Prior to Bariatric Surgery. <i>Obesity Surgery</i> , 2016, 26, 361-368.	2.1	92
5	Iron, Copper, and Zinc Transport: Inhibition of Divalent Metal Transporter 1 (DMT1) and Human Copper Transporter 1 (hCTR1) by shRNA. <i>Biological Trace Element Research</i> , 2012, 146, 281-286.	3.5	85
6	Changes in Bone Mineral Density After Sleeve Gastrectomy or Gastric Bypass: Relationships with Variations in Vitamin D, Ghrelin, and Adiponectin Levels. <i>Obesity Surgery</i> , 2014, 24, 877-884.	2.1	84
7	Heme- and nonheme-iron absorption and iron status 12 mo after sleeve gastrectomy and Roux-en-Y gastric bypass in morbidly obese women. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 810-817.	4.7	73
8	Zinc absorption and zinc status are reduced after Roux-en-Y gastric bypass: a randomized study using 2 supplements. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1004-1011.	4.7	63
9	ZINC AND IRON INTERACTION: CONCEPTS AND PERSPECTIVES IN THE DEVELOPING WORLD. <i>Nutrition Research</i> , 1997, 17, 177-185.	2.9	60
10	Erythrocytes, erythrocyte membranes, neutrophils and platelets as biopsy materials for the assessment of zinc status in humans. <i>British Journal of Nutrition</i> , 1992, 68, 515-527.	2.3	58
11	Single and Multiple Selenium-Zinc-Iodine Deficiencies Affect Rat Thyroid Metabolism and Ultrastructure. <i>Journal of Nutrition</i> , 1999, 129, 174-180.	2.9	58
12	Acute inhibition of iron bioavailability by zinc: studies in humans. <i>BioMetals</i> , 2012, 25, 657-664.	4.1	56
13	Nutritional Effects of Zinc on Metabolic Syndrome and Type 2 Diabetes: Mechanisms and Main Findings in Human Studies. <i>Biological Trace Element Research</i> , 2019, 188, 177-188.	3.5	47
14	Zinc and iron nutrition in Chilean children fed fortified milk provided by the complementary national food program. <i>Nutrition</i> , 2004, 20, 177-180.	2.4	43
15	Persistent anemia after Roux-en-Y gastric bypass. <i>Nutrition</i> , 2007, 23, 277-280.	2.4	36
16	Calcium absorption may be affected after either sleeve gastrectomy or Roux-en-Y gastric bypass in premenopausal women: a 2-y prospective study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 24-32.	4.7	35
17	New insights about iron bioavailability inhibition by zinc. <i>Nutrition</i> , 2007, 23, 292-295.	2.4	34
18	Zinc as a Potential Coadjuvant in Therapy for Type 2 Diabetes. <i>Food and Nutrition Bulletin</i> , 2013, 34, 215-221.	1.4	34

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19	Anti-steatotic effects of an n-3 LCPUFA and extra virgin olive oil mixture in the liver of mice subjected to high-fat diet. <i>Food and Function</i> , 2016, 7, 140-150.	4.6	32
20	Trace Element Status and Inflammation Parameters after 6 Months of Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , 2011, 21, 561-568.	2.1	26
21	Trace element requirements in humans: An update. <i>Journal of Trace Elements in Experimental Medicine</i> , 1998, 11, 177-195.	0.8	25
22	Indices of iron and copper status during experimentally induced, marginal zinc deficiency in humans. <i>Biological Trace Element Research</i> , 1992, 34, 197-212.	3.5	19
23	Single-nutrient interventions with zinc. <i>American Journal of Clinical Nutrition</i> , 1999, 70, 111-112.	4.7	19
24	Changes in ghrelin concentrations one year after resective and non-resective gastric bypass: Associations with weight loss and energy and macronutrient intakes. <i>Nutrition</i> , 2012, 28, 757-761.	2.4	18
25	Does Zinc Really "Metal" with Diabetes? The Epidemiologic Evidence. <i>Current Diabetes Reports</i> , 2016, 16, 111.	4.2	17
26	Acute inhibition of iron absorption by zinc. <i>Nutrition Research</i> , 2007, 27, 279-282.	2.9	16
27	Association between zinc nutritional status and glycemic control in individuals with well-controlled type-2 diabetes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 560-565.	3.0	14
28	Zinc Supplementation Does Not Affect Glucagon Response to Intravenous Glucose and Insulin Infusion in Patients with Well-Controlled Type 2 Diabetes. <i>Biological Trace Element Research</i> , 2018, 185, 255-261.	3.5	13
29	Cadmium and Lead content in Liver and Kidney tissues of Wild Turkey Vulture <i>Cathartes aura</i> (Linneo.) <i>Tj ETQq1 1 0,784314, 0,1</i> <i>rgBT /Over</i>	0.1	12
30	Fatty acid desaturation in red blood cell membranes of patients with type 2 diabetes is improved by zinc supplementation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126571.	3.0	12
31	Zinc Supplementation and Strength Exercise in Rats with Type 2 Diabetes: Akt and PTP1B Phosphorylation in Nonalcoholic Fatty Liver. <i>Biological Trace Element Research</i> , 2021, 199, 2215-2224.	3.5	11
32	Low environmental selenium availability as an additional determinant for goiter in East Java, Indonesia?. <i>Biological Trace Element Research</i> , 1999, 70, 127-136.	3.5	10
33	Dietary supplementation with selenomethylselenocysteine produces a differential proteomic response. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 791-799.	4.2	10
34	Assessing the Enzymatic Hydrolysis of Salmon Frame Proteins through Different By-Product/Water Ratios and pH Regimes. <i>Foods</i> , 2021, 10, 3045.	4.3	9
35	Supplementation with zinc between meals has no effect on subsequent iron absorption or on iron status of Chilean women. <i>Nutrition</i> , 2008, 24, 957-963.	2.4	8
36	Zinc absorption from a micronutrient-fortified dried cow's milk used in the Chilean National Complementary Food Program. <i>Nutrition Research</i> , 2005, 25, 1043-1048.	2.9	7

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37	Zinc supplementation and growth. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2006, 9, 757-762.	2.5	7
38	Acute Copper Supplementation Does Not Inhibit Non-Heme Iron Bioavailability in Humans. <i>Biological Trace Element Research</i> , 2010, 136, 180-186.	3.5	7
39	The use of Zinc Stable Isotopes in the Study of Iron-Zinc Interactions in Chilean Women. <i>Food and Nutrition Bulletin</i> , 2002, 23, 209-212.	1.4	6
40	A Vision for Nutritional Research for the Latin American Region. <i>Food and Nutrition Bulletin</i> , 2019, 40, 14-25.	1.4	6
41	Recommended zinc intake for the first six months of life. <i>Nutrition Research</i> , 1984, 4, 923-927.	2.9	4
42	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. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 322-329.	4.7	4
43	Haematological status of school children in two regions of Guatemala: Relevance of normality standards. <i>International Journal of Food Sciences and Nutrition</i> , 1992, 43, 89-95.	2.8	3
44	Zinc Modulates the Response to Apoptosis in an In Vitro Model with High Glucose and Inflammatory Stimuli in C2C12 Cells. <i>Biological Trace Element Research</i> , 2021, 199, 2288-2294.	3.5	3
45	Meal timing across the day modulates daily energy intake in adult patients with type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2022, , .	2.9	2
46	The use of zinc stable isotopes in the study of iron-zinc interactions in Chilean women. <i>Food and Nutrition Bulletin</i> , 2002, 23, 209-12.	1.4	1
47	Developmental changes in placental deoxyribonucleic acid and deoxyribonuclease in the malnourished rat. <i>Nutrition Research</i> , 1984, 4, 133-135.	2.9	0