

Richard F Hurrell

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2073590/richard-f-hurrell-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

5,821
citations

36
h-index

74
g-index

74
ext. papers

6,599
ext. citations

4.7
avg, IF

5.99
L-index

#	Paper	IF	Citations
72	How the cookie crumbled, and the need to strike while the iron is hot. <i>European Journal of Clinical Nutrition</i> , 2021 , 75, 1419-1424	5.2	
71	The Potential of Iodine and Iron Double-Fortified Salt Compared with Iron-Fortified Staple Foods to Increase Population Iron Status. <i>Journal of Nutrition</i> , 2021 , 151, 47S-63S	4.1	4
70	Iron Fortification Practices and Implications for Iron Addition to Salt. <i>Journal of Nutrition</i> , 2021 , 151, 3S-14S	4.1	10
69	Addition of Whole Wheat Flour During Injera Fermentation Degrades Phytic Acid and Triples Iron Absorption from Fortified Tef in Young Women. <i>Journal of Nutrition</i> , 2020 , 150, 2666-2672	4.1	
68	Zinc Absorption From Agronomically Biofortified Wheat Is Similar to Post-Harvest Fortified Wheat and Is a Substantial Source of Bioavailable Zinc in Humans. <i>Journal of Nutrition</i> , 2019 , 149, 840-846	4.1	17
67	Biomarkers of Nutrition for Development (BOND)-Iron Review. <i>Journal of Nutrition</i> , 2018 , 148, 1001S-1067S	4.1	109
66	Kenneth John Carpenter (1923-2016). <i>British Journal of Nutrition</i> , 2018 , 120, 594-596	3.6	
65	An iron fortification efficacy study in children in Cote d'Ivoire supports the suggestion that tissue iron is protected at the expense of erythrocyte iron. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 1229-1233 ¹	5.2	
64	Iron bioavailability from fresh cheese fortified with iron-enriched yeast. <i>European Journal of Nutrition</i> , 2017 , 56, 1551-1560	5.2	11
63	Evaluation of Simple and Inexpensive High-Throughput Methods for Phytic Acid Determination. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2017 , 94, 353-362	1.8	7
62	Iron Bioavailability from Ferric Pyrophosphate in Extruded Rice Cofortified with Zinc Sulfate Is Greater than When Cofortified with Zinc Oxide in a Human Stable Isotope Study. <i>Journal of Nutrition</i> , 2017 , 147, 377-383	4.1	6
61	Iron Fortified Complementary Foods Containing a Mixture of Sodium Iron EDTA with Either Ferrous Fumarate or Ferric Pyrophosphate Reduce Iron Deficiency Anemia in 12- to 36-Month-Old Children in a Malaria Endemic Setting: A Secondary Analysis of a Cluster-Randomized Controlled Trial. <i>Nutrients</i> , 2017 , 9	6.7	16
60	The Potential of Fermentation and Contamination of Teff by Soil to Influence Iron Intake and Bioavailability from Injera Flatbread. <i>International Journal for Vitamin and Nutrition Research</i> , 2017 , 87, 75-84	1.7	4
59	Zinc Absorption by Adults Is Similar from Intrinsically Labeled Zinc-Biofortified Rice and from Rice Fortified with Labeled Zinc Sulfate. <i>Journal of Nutrition</i> , 2016 , 146, 76-80	4.1	15
58	The Proportion of Anemia Associated with Iron Deficiency in Low, Medium, and High Human Development Index Countries: A Systematic Analysis of National Surveys. <i>Nutrients</i> , 2016 , 8,	6.7	197
57	Mode of oral iron administration and the amount of iron habitually consumed do not affect iron absorption, systemic iron utilisation or zinc absorption in iron-sufficient infants: a randomised trial. <i>British Journal of Nutrition</i> , 2016 , 116, 1046-60	3.6	10
56	Review: The potential of the common bean (<i>Phaseolus vulgaris</i>) as a vehicle for iron biofortification. <i>Nutrients</i> , 2015 , 7, 1144-73	6.7	147

55	The effect of iron-fortified complementary food and intermittent preventive treatment of malaria on anaemia in 12- to 36-month-old children: a cluster-randomised controlled trial. <i>Malaria Journal</i> , 2015 , 14, 347	3.6	16
54	In Ivorian school-age children, infection with hookworm does not reduce dietary iron absorption or systemic iron utilization, whereas afebrile Plasmodium falciparum infection reduces iron absorption by half. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 462-70	7	31
53	Phytic acid degrading lactic acid bacteria in tef-injera fermentation. <i>International Journal of Food Microbiology</i> , 2014 , 190, 54-60	5.8	53
52	Circulating non-transferrin-bound iron after oral administration of supplemental and fortification doses of iron to healthy women: a randomized study. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 813-20	7	36
51	Influence of phytase, EDTA, and polyphenols on zinc absorption in adults from porridges fortified with zinc sulfate or zinc oxide. <i>Journal of Nutrition</i> , 2014 , 144, 1467-73	4.1	30
50	The effect of timing of iron supplementation on iron absorption and haemoglobin in post-malaria anaemia: a longitudinal stable isotope study in Malawian toddlers. <i>Malaria Journal</i> , 2014 , 13, 397	3.6	13
49	Sodium iron EDTA and ascorbic acid, but not polyphenol oxidase treatment, counteract the strong inhibitory effect of polyphenols from brown sorghum on the absorption of fortification iron in young women. <i>British Journal of Nutrition</i> , 2014 , 111, 481-9	3.6	27
48	A higher proportion of iron-rich leafy vegetables in a typical Burkinabe maize meal does not increase the amount of iron absorbed in young women. <i>Journal of Nutrition</i> , 2014 , 144, 1394-400	4.1	22
47	Inhibition of iron absorption by calcium is modest in an iron-fortified, casein- and whey-based drink in Indian children and is easily compensated for by addition of ascorbic acid. <i>Journal of Nutrition</i> , 2014 , 144, 1703-9	4.1	23
46	Phytic acid concentration influences iron bioavailability from biofortified beans in Rwandese women with low iron status. <i>Journal of Nutrition</i> , 2014 , 144, 1681-7	4.1	59
45	Ferrous ammonium phosphate (FeNH ₄ PO ₄) as a new food fortificant: iron bioavailability compared to ferrous sulfate and ferric pyrophosphate from an instant milk drink. <i>European Journal of Nutrition</i> , 2013 , 52, 1361-8	5.2	21
44	Effects of inflammation and Plasmodium falciparum infection on soluble transferrin receptor and plasma ferritin concentration in different age groups: a prospective longitudinal study in Cote d'Ivoire. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1364-74	7	32
43	Zinc status as compared to zinc intake and iron status: a case study of Iranian populations from Isfahan province. <i>International Journal for Vitamin and Nutrition Research</i> , 2013 , 83, 335-45	1.7	5
42	Iron fortification of whole wheat flour reduces iron deficiency and iron deficiency anemia and increases body iron stores in Indian school-aged children. <i>Journal of Nutrition</i> , 2012 , 142, 1997-2003	4.1	38
41	Etiology of anemia among infants, school-aged children, and young non-pregnant women in different settings of South-Central Cote d'Ivoire. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 87, 425-34	3.2	42
40	Safety and efficacy of iron supplements in malaria-endemic areas. <i>Annals of Nutrition and Metabolism</i> , 2011 , 59, 64-6	4.5	19
39	Rapid high performance screening method using UHPLC-MS to quantify 12 polyphenol compounds in fresh apples. <i>Analytical Methods</i> , 2011 , 3, 1774	3.2	21
38	Iron deficiency up-regulates iron absorption from ferrous sulphate but not ferric pyrophosphate and consequently food fortification with ferrous sulphate has relatively greater efficacy in iron-deficient individuals. <i>British Journal of Nutrition</i> , 2011 , 105, 1245-50	3.6	21

37	Use of ferrous fumarate to fortify foods for infants and young children. <i>Nutrition Reviews</i> , 2010 , 68, 522-30	6.0	19
36	Afebrile Plasmodium falciparum parasitemia decreases absorption of fortification iron but does not affect systemic iron utilization: a double stable-isotope study in young Beninese women. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1385-92	7	90
35	Polyphenols and phytic acid contribute to the low iron bioavailability from common beans in young women. <i>Journal of Nutrition</i> , 2010 , 140, 1977-82	4.1	126
34	In a randomized controlled trial of iron fortification, anthelmintic treatment, and intermittent preventive treatment of malaria for anemia control in Ivorian children, only anthelmintic treatment shows modest benefit. <i>Journal of Nutrition</i> , 2010 , 140, 635-41	4.1	61
33	The effects of iron fortification on the gut microbiota in African children: a randomized controlled trial in Cote d'ivoire. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1406-15	7	312
32	Revised recommendations for iron fortification of wheat flour and an evaluation of the expected impact of current national wheat flour fortification programs. <i>Food and Nutrition Bulletin</i> , 2010 , 31, S7-21	1.8	144
31	Iron bioavailability and dietary reference values. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 1461S-1467S	1.8	636
30	Iron and malaria: absorption, efficacy and safety. <i>International Journal for Vitamin and Nutrition Research</i> , 2010 , 80, 279-92	1.7	20
29	Plasma hepcidin is a modest predictor of dietary iron bioavailability in humans, whereas oral iron loading, measured by stable-isotope appearance curves, increases plasma hepcidin. <i>FASEB Journal</i> , 2010 , 24, 208.1	0.9	1
28	Optimization of a phytase-containing micronutrient powder with low amounts of highly bioavailable iron for in-home fortification of complementary foods. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 539-44	7	80
27	Dual fortification of salt with iodine and iron: a randomized, double-blind, controlled trial of micronized ferric pyrophosphate and encapsulated ferrous fumarate in southern India. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1378-87	7	66
26	Linking the bioavailability of iron compounds to the efficacy of iron-fortified foods. <i>International Journal for Vitamin and Nutrition Research</i> , 2007 , 77, 166-73	1.7	21
25	Nutritional iron deficiency. <i>Lancet, The</i> , 2007 , 370, 511-20	4.0	806
24	Iron fortification: its efficacy and safety in relation to infections. <i>Food and Nutrition Bulletin</i> , 2007 , 28, S585-94	1.8	18
23	Synthesis, characterization and bioavailability of ferric phosphate nanoparticles. <i>FASEB Journal</i> , 2007 , 21, A1113	0.9	3
22	Iron status and food matrix strongly affect the relative bioavailability of ferric pyrophosphate in humans. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 632-8	7	100
21	Salt dual-fortified with iodine and micronized ground ferric pyrophosphate affects iron status but not hemoglobin in children in Cote d'ivoire. <i>Journal of Nutrition</i> , 2006 , 136, 1814-20	4.1	60
20	Extruded rice fortified with micronized ground ferric pyrophosphate reduces iron deficiency in Indian schoolchildren: a double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 822-9	7	110

19	Iron fortification reduces blood lead levels in children: a randomized, double-blind, controlled trial in Bangalore, India. <i>FASEB Journal</i> , 2006 , 20, A131	0.9	2
18	Development and Evaluation of Iron-fortified Extruded Rice Grains. <i>Journal of Food Science</i> , 2005 , 70, S330-S336	3.4	57
17	Comparison of the efficacy of wheat-based snacks fortified with ferrous sulfate, electrolytic iron, or hydrogen-reduced elemental iron: randomized, double-blind, controlled trial in Thai women. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1276-82	7	74
16	Dual fortification of salt with iodine and micronized ferric pyrophosphate: a randomized, double-blind, controlled trial. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 952-9	7	85
15	Enhancing the absorption of fortification iron. A SUSTAIN Task Force report. <i>International Journal for Vitamin and Nutrition Research</i> , 2004 , 74, 387-401	1.7	90
14	Phytic acid degradation as a means of improving iron absorption. <i>International Journal for Vitamin and Nutrition Research</i> , 2004 , 74, 445-52	1.7	168
13	Helicobacter pylori infection, iron absorption, and gastric acid secretion in Bangladeshi children. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 149-53	7	67
12	The usefulness of elemental iron for cereal flour fortification: a SUSTAIN Task Force report. Sharing United States Technology to Aid in the Improvement of Nutrition. <i>Nutrition Reviews</i> , 2002 , 60, 391-406	6.4	80
11	Fortification: overcoming technical and practical barriers. <i>Journal of Nutrition</i> , 2002 , 132, 806S-12S	4.1	254
10	Iron bioavailability in infants from an infant cereal fortified with ferric pyrophosphate or ferrous fumarate. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 1597-602	7	89
9	Potential for increasing the content and bioavailability of Fe, Zn and Ca in plants for human nutrition. <i>Journal of the Science of Food and Agriculture</i> , 2000 , 80, 861-879	4.3	379
8	An evaluation of EDTA compounds for iron fortification of cereal-based foods. <i>British Journal of Nutrition</i> , 2000 , 84, 903-910	3.6	126
7	A comparison of iron absorption in adults and infants consuming identical infant formulas. <i>British Journal of Nutrition</i> , 1998 , 79, 31-6	3.6	31
6	The influence of meat on nonheme iron absorption in infants. <i>Pediatric Research</i> , 1998 , 43, 768-73	3.2	60
5	Preventing iron deficiency through food fortification. <i>Nutrition Reviews</i> , 1997 , 55, 210-22	6.4	231
4	Stable isotope labels as a tool to determine the iron absorption by Peruvian school children from a breakfast meal. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 359, 445-449		111
3	A double stable isotope technique for measuring iron absorption in infants. <i>British Journal of Nutrition</i> , 1994 , 71, 411-24	3.6	120
2	Ferrous fumarate fortification of a chocolate drink powder. <i>British Journal of Nutrition</i> , 1991 , 65, 271-83	3.6	59

1 Potential for increasing the content and bioavailability of Fe, Zn and Ca in plants for human nutrition

2