Christophe Zeder

List of Publications by Year
in descending order

70 papers	2,644 citations	236925 25 h-index	189892 50 g-index
70 all docs	70 docs citations	70 times ranked	2685 citing authors

#	Article	IF	Citations
1	Kinetics of iron absorption from ferrous fumarate with and without galacto-oligosaccharides determined from stable isotope appearance curves in women. American Journal of Clinical Nutrition, 2022, 115, 949-957.	4.7	5
2	Prebiotic Galacto-Oligosaccharides and Fructo-Oligosaccharides, but Not Acacia Gum, Increase Iron Absorption from a Single High-Dose Ferrous Fumarate Supplement in Iron-Depleted Women. Journal of Nutrition, 2022, 152, 1015-1021.	2.9	6
3	Iron Bioavailability from Infant Cereals Containing Whole Grains and Pulses: A Stable Isotope Study in Malawian Children. Journal of Nutrition, 2022, 152, 826-834.	2.9	3
4	Maternal iron kinetics and maternalâ€“fetal iron transfer in normal-weight and overweight pregnancy. American Journal of Clinical Nutrition, 2022, 115, 1166-1179.	4.7	14
5	Iron Bioavailability from Ferrous Ammonium Phosphate, Ferrous Sulfate, and Ferric Pyrophosphate in an Instant Milk Drinkâ€”A Stable Isotope Study in Children. Nutrients, 2022, 14, 1640.	4.1	0
6	Measurement of longâ€term iron absorption and loss during iron supplementation using a stable isotope of iron (⁵⁷Fe). British Journal of Haematology, 2021, 192, 179-189.	2.5	15
7	Consumption of a Single Dose of Prebiotic Galacto-Oligosaccharides Does Not Enhance Iron Absorption from Micronutrient Powders in Kenyan Infants: A Stable Iron Isotope Study. Journal of Nutrition, 2021, 151, 1205-1212.	2.9	7
8	Direct assessment of body iron balance in women with and without iron supplementation using a long-term isotope dilution method in Benin and Switzerland. American Journal of Clinical Nutrition, 2021, 113, 1657-1669.	4.7	3
9	Iron homeostasis during anemia of inflammation: a prospective study of patients with tuberculosis. Blood, 2021, 138, 1293-1303.	1.4	20
10	Isotopic measurement of iron requirements in sub-Saharan African children. American Journal of Clinical Nutrition, 2021, 114, 986-996.	4.7	3
11	Measuring Dietary Iron Absorption From Edible Tenebrio molitor and Assessing the Effect of Chitin on Iron Bioavailability: A Stable Iron Isotope Study in Young Women. Current Developments in Nutrition, 2021, 5, 587.	0.3	1
12	Kinetics of Iron Absorption From Ferrous Fumarate With Galacto-oligosaccharides Measured by Stable-isotope Appearance Curves in Iron Depleted Women in Switzerland. Current Developments in Nutrition, 2021, 5, 1317.	0.3	1
13	Threshold ferritin and hepcidin concentrations indicating early iron deficiency in young women based on upregulation of iron absorption. EClinicalMedicine, 2021, 39, 101052.	7.1	38
14	Higher Extrusion Temperature Induces Greater Formation of Less Digestible Type V and Retrograded Starch in Iron-Fortified Rice Grains But Does Not Affect Iron Bioavailability: Stable Isotope Studies in Young Women. Journal of Nutrition, 2021, , .	2.9	2
15	The bioavailability of iron picolinate is comparable to iron sulfate when fortified into a complementary fruit yogurt: a stable iron isotope study in young women. European Journal of Nutrition, 2020, 59, 1371-1378.	3.9	7
16	Iron absorption from supplements is greater with alternate day than with consecutive day dosing in iron-deficient anemic women. Haematologica, 2020, 105, 1232-1239.	3.5	113
17	The effect of iron dosing schedules on plasma hepcidin and iron absorption in Kenyan infants. American Journal of Clinical Nutrition, 2020, 112, 1132-1141.	4.7	21
18	Acute Consumption of Prebiotic Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate, but not from Ferrous Sulfate and Ferric Pyrophosphate: Stable Iron Isotope Studies in Iron-Depleted Young Women. Journal of Nutrition, 2020, 150, 2391-2397.	2.9	11

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19	Iron Absorption is Greater from Apo-Lactoferrin and is Similar Between Holo-Lactoferrin and Ferrous Sulfate: Stable Iron Isotope Studies in Kenyan Infants. Journal of Nutrition, 2020, 150, 3200-3207.	2.9	19
20	Addition of Whole Wheat Flour During Injera Fermentation Degrades Phytic Acid and Triples Iron Absorption from Fortified Tef in Young Women. Journal of Nutrition, 2020, 150, 2666-2672.	2.9	1
21	Iron Absorption from Iron-Biofortified Sweetpotato Is Higher Than Regular Sweetpotato in Malawian Women while Iron Absorption from Regular and Iron-Biofortified Potatoes Is High in Peruvian Women. Journal of Nutrition, 2020, 150, 3094-3102.	2.9	30
22	In women, central obesity predicts higher inflammation, higher serum hepcidin, lower absorption and hypoferremia. Proceedings of the Nutrition Society, 2020, 79, .	1.0	1
23	Iron bioavailability from bouillon fortified with a novel ferric phytate compound: a stable iron isotope study in healthy women (part II). Scientific Reports, 2020, 10, 5339.	3.3	13
24	Iodine bioavailability from cow milk: a randomized, crossover balance study in healthy iodine-replete adults. American Journal of Clinical Nutrition, 2019, 110, 102-110.	4.7	18
25	Consumption of Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate: A Stable Iron Isotope Study in Iron-Depleted Young Women. Journal of Nutrition, 2019, 149, 738-746.	2.9	24
26	Effects of feed iodine concentrations and milk processing on iodine concentrations of cowsâ€™ milk and dairy products, and potential impact on iodine intake in Swiss adults. British Journal of Nutrition, 2019, 122, 172-185.	2.3	15
27	Zinc Absorption From Agronomically Biofortified Wheat Is Similar to Post-Harvest Fortified Wheat and Is a Substantial Source of Bioavailable Zinc in Humans. Journal of Nutrition, 2019, 149, 840-846.	2.9	32
28	The Use of Q-ICPMS to Apply Enriched Zinc Stable Isotope Source Tracing for Organic Fertilizers. Frontiers in Plant Science, 2019, 10, 1382.	3.6	8
29	The opposing effects of acute inflammation and iron deficiency anemia on serum hepcidin and iron absorption in young women. Haematologica, 2019, 104, 1143-1149.	3.5	41
30	An intensified training schedule in recreational male runners is associated with increases in erythropoiesis and inflammation and a net reduction in plasma hepcidin. American Journal of Clinical Nutrition, 2018, 108, 1324-1333.	4.7	22
31	Iron bioavailability from fresh cheese fortified with iron-enriched yeast. European Journal of Nutrition, 2017, 56, 1551-1560.	3.9	14
32	Evaluation of Simple and Inexpensive Highâ€Throughput Methods for Phytic Acid Determination. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 353-362.	1.9	9
33	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. Journal of Nutrition, 2017, 147, jn241778.	2.9	10
34	Zinc Absorption from Milk Is Affected by Dilution but Not by Thermal Processing, and Milk Enhances Absorption of Zinc from High-Phytate Rice in Young Dutch Women. Journal of Nutrition, 2017, 147, 1086-1093.	2.9	9
35	The effect of lipids, a lipid-rich ready-to-use therapeutic food, or a phytase on iron absorption from maize-based meals fortified with micronutrient powders. American Journal of Clinical Nutrition, 2017, 105, ajcn142976.	4.7	6
36	Iron absorption from oral iron supplements given on consecutive versus alternate days and as single morning doses versus twice-daily split dosing in iron-depleted women: two open-label, randomised controlled trials. Lancet Haematology,the, 2017, 4, e524-e533.	4.6	276

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37	Cold Extrusion but Not Coating Affects Iron Bioavailability from Fortified Rice in Young Women and Is Associated with Modifications in Starch Microstructure and Mineral Retention during Cooking. Journal of Nutrition, 2017, 147, 2319-2325.	2.9	8
38	A novel, high precision multipleâ€meal stable isotope method to compare iron absorption from extruded FePPâ€fortified rice containing different zinc compounds, citric acid/trisodium citrate and EDTA in Ghanaian children. FASEB Journal, 2017, 31, 436.5.	0.5	0
39	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. British Journal of Nutrition, 2016, 116, 1046-1060.	2.3	12
40	Cofortification of ferric pyrophosphate and citric acid/trisodium citrate into extruded rice grains doubles iron bioavailability through in situ generation of soluble ferric pyrophosphate citrate complexes. American Journal of Clinical Nutrition, 2016, 103, 1252-1259.	4.7	28
41	Effects of wheat-flour biscuits fortified with iron and EDTA, alone and in combination, on blood lead concentration, iron status, and cognition in children: a double-blind randomized controlled trial. American Journal of Clinical Nutrition, 2016, 104, 1318-1326.	4.7	32
42	Sodium pyrophosphate enhances iron bioavailability from bouillon cubes fortified with ferric pyrophosphate. British Journal of Nutrition, 2016, 116, 496-503.	2.3	27
43	Optimization of a New Mass Spectrometry Method for Measurement of Breast Milk Iodine Concentrations and an Assessment of the Effect of Analytic Method and Timing of Within-Feed Sample Collection on Breast Milk Iodine Concentrations. Thyroid, 2016, 26, 287-295.	4.5	36
44	Zinc Absorption by Adults Is Similar from Intrinsically Labeled Zinc-Biofortified Rice and from Rice Fortified with Labeled Zinc Sulfate. Journal of Nutrition, 2016, 146, 76-80.	2.9	24
45	Oral iron supplements increase hepcidin and decrease iron absorption from daily or twice-daily doses in iron-depleted young women. Blood, 2015, 126, 1981-1989.	1.4	372
46	Magnetic Control of Macromolecular Conformations in Supramolecular Anionic Polysaccharideâ€“Iron Complexes. Angewandte Chemie - International Edition, 2015, 54, 13289-13292.	13.8	9
47	Magnetic Control of Macromolecular Conformations in Supramolecular Anionic Polysaccharideâ€“Iron Complexes. Angewandte Chemie, 2015, 127, 13487-13490.	2.0	0
48	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. American Journal of Clinical Nutrition, 2015, 101, 462-470.	4.7	37
49	Bifidobacteria strains isolated from stools of iron deficient infants can efficiently sequester iron. BMC Microbiology, 2015, 15, 3.	3.3	47
50	Efficacy of highly bioavailable zinc from fortified water: a randomized controlled trial in rural Beninese children. American Journal of Clinical Nutrition, 2015, 102, 1238-1248.	4.7	12
51	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. British Journal of Nutrition, 2014, 111, 481-489.	2.3	32
52	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. Journal of Nutrition, 2014, 144, 1394-1400.	2.9	26
53	Zinc Absorption by Young Adults from Supplemental Zinc Citrate Is Comparable with That from Zinc Gluconate and Higher than from Zinc Oxide. Journal of Nutrition, 2014, 144, 132-136.	2.9	99
54	Circulating nonâ€“transferrin-bound iron after oral administration of supplemental and fortification doses of iron to healthy women: a randomized study , , ,. American Journal of Clinical Nutrition, 2014, 100, 813-820.	4.7	45

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55	Influence of Phytase, EDTA, and Polyphenols on Zinc Absorption in Adults from Porridges Fortified with Zinc Sulfate or Zinc Oxide. Journal of Nutrition, 2014, 144, 1467-1473.	2.9	42
56	Ferrous ammonium phosphate (FeNH4PO4) as a new food fortificant: iron bioavailability compared to ferrous sulfate and ferric pyrophosphate from an instant milk drink. European Journal of Nutrition, 2013, 52, 1361-1368.	3.9	27
57	Total Iron Absorption by Young Women from Iron-Biofortified Pearl Millet Composite Meals Is Double That from Regular Millet Meals but Less Than That from Post-Harvest Iron-Fortified Millet Meals. Journal of Nutrition, 2013, 143, 1376-1382.	2.9	110
58	Iron Bioavailability from a Lipid-Based Complementary Food Fortificant Mixed with Millet Porridge Can Be Optimized by Adding Phytase and Ascorbic Acid but Not by Using a Mixture of Ferrous Sulfate and Sodium Iron EDTA. Journal of Nutrition, 2013, 143, 1233-1239.	2.9	22
59	Mixture of Ferric Sodium Ethylenediaminetetraacetate (NaFeEDTA) and Ferrous Sulfate: An Effective Iron Fortificant for Complementary Foods for Young Chinese Children. Food and Nutrition Bulletin, 2012, 33, 111-116.	1.4	15
60	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. British Journal of Nutrition, 2011, 105, 1245-1250.	2.3	26
61	Fortification Iron as Ferrous Sulfate Plus Ascorbic Acid Is More Rapidly Absorbed Than as Sodium Iron EDTA but Neither Increases Serum Nontransferrin-Bound Iron in Women1â€“3. Journal of Nutrition, 2011, 141, 822-827.	2.9	23
62	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. American Journal of Clinical Nutrition, 2010, 92, 1385-1392.	4.7	103
63	Polyphenols and Phytic Acid Contribute to the Low Iron Bioavailability from Common Beans in Young Women ,. Journal of Nutrition, 2010, 140, 1977-1982.	2.9	159
64	Plasma hepcidin is a modest predictor of dietary iron bioavailability in humans, whereas oral iron loading, measured by stableâ€isotope appearance curves, increases plasma hepcidin. FASEB Journal, 2010, 24, 208.1.	0.5	1
65	Optimization of a phytase-containing micronutrient powder with low amounts of highly bioavailable iron for in-home fortification of complementary foods. American Journal of Clinical Nutrition, 2009, 89, 539-544.	4.7	95
66	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. American Journal of Clinical Nutrition, 2009, 90, 1280-1287.	4.7	71
67	Iron status and food matrix strongly affect the relative bioavailability of ferric pyrophosphate in humans. American Journal of Clinical Nutrition, 2006, 83, 632-638.	4.7	112
68	Sodium iron EDTA [NaFe(III)EDTA] as a food fortificant: erythrocyte incorporation of iron and apparent absorption of zinc, copper, calcium, and magnesium from a complementary food based on wheat and soy in healthy infants. American Journal of Clinical Nutrition, 2005, 81, 104-109.	4.7	40
69	Dephytinization of a Complementary Food Based on Wheat and Soy Increases Zinc, but Not Copper, Apparent Absorption in Adults. Journal of Nutrition, 2004, 134, 1077-1080.	2.9	91
70	Iron absorption from ferrous fumarate in adult women is influenced by ascorbic acid but not by Na₂EDTA. British Journal of Nutrition, 2003, 90, 1081-1085.	2.3	43