

# Lena Davidsson

## List of Publications by Year in descending order

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66  
papers

3,013  
citations

136740

32  
h-index

161609

54  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of iron deficiency with and without concurrent anemia in population groups with high prevalences of malaria and other infections: a study in CÔte d'Ivoire. American Journal of Clinical Nutrition, 2001, 74, 776-782.	2.2	197
2	Oral Iron, Dietary Ligands and Zinc Absorption. Journal of Nutrition, 1985, 115, 411-414.	1.3	189
3	A double stable isotope technique for measuring iron absorption in infants. British Journal of Nutrition, 1994, 71, 411-424.	1.2	138
4	Iron Bioavailability Studied in Infants: The Influence of Phytic Acid and Ascorbic Acid in Infant Formulas Based on Soy Isolate. Pediatric Research, 1994, 36, 816-822.	1.1	125
5	Influence of Lactoferrin on Iron Absorption from Human Milk in Infants. Pediatric Research, 1994, 35, 117-124.	1.1	124
6	Stable isotope labels as a tool to determine the iron absorption by Peruvian school children from a breakfast meal. Fresenius' Journal of Analytical Chemistry, 1997, 359, 445-449.	1.5	122
7	Identification of Transferrin as the Major Plasma Carrier Protein for Manganese Introduced Orally or Intravenously or After In Vitro Addition in the Rat. Journal of Nutrition, 1989, 119, 1461-1464.	1.3	112
8	Iron bioavailability in infants from an infant cereal fortified with ferric pyrophosphate or ferrous fumarate. American Journal of Clinical Nutrition, 2000, 71, 1597-1602.	2.2	109
9	A micronised, dispersible ferric pyrophosphate with high relative bioavailability in man. British Journal of Nutrition, 2004, 91, 107-112.	1.2	99
10	The Usefulness of Elemental Iron for Cereal Flour Fortification: a Sustain Task Force Report. Nutrition Reviews, 2002, 60, 391-406.	2.6	96
11	Phytic acid added to white-wheat bread inhibits fractional apparent magnesium absorption in humans. American Journal of Clinical Nutrition, 2004, 79, 418-423.	2.2	94
12	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.	1.3	91
13	Helicobacter pylori infection, iron absorption, and gastric acid secretion in Bangladeshi children. American Journal of Clinical Nutrition, 2004, 80, 149-153.	2.2	81
14	Causal Relationship of Helicobacter pylori With Iron-Deficiency Anemia or Failure of Iron Supplementation in Children. Gastroenterology, 2008, 135, 1534-1542.	0.6	69
15	The Influence of Meat on Nonheme Iron Absorption in Infants. Pediatric Research, 1998, 43, 768-773.	1.1	68
16	Improving iron absorption from a Peruvian school breakfast meal by adding ascorbic acid or Na <sub>2</sub> EDTA. American Journal of Clinical Nutrition, 2001, 73, 283-287.	2.2	66
17	Incidence of type 1 diabetes has doubled in Kuwaiti children 0-14 years over the last 20 years. Pediatric Diabetes, 2017, 18, 761-766.	1.2	60
18	Iron bioavailability from iron-fortified Guatemalan meals based on corn tortillas and black bean paste. American Journal of Clinical Nutrition, 2002, 75, 535-539.	2.2	59

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19	Approaches to Improve Iron Bioavailability from Complementary Foods. <i>Journal of Nutrition</i> , 2003, 133, 1560S-1562S.	1.3	58
20	No enhancing effect of vitamin A on iron absorption in humans. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 144-149.	2.2	57
21	Erythorbic acid is a potent enhancer of nonheme-iron absorption. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 99-102.	2.2	52
22	Iron absorption from fish sauce and soy sauce fortified with sodium iron EDTA. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 274-278.	2.2	50
23	Iron absorption from experimental infant formulas based on pea ( <i>Pisum sativum</i> )-protein isolate: the effect of phytic acid and ascorbic acid. <i>British Journal of Nutrition</i> , 2001, 85, 59-63.	1.2	49
24	Selenium absorption and retention from a selenite- or selenate-fortified milk-based formula in men measured by a stable-isotope technique. <i>British Journal of Nutrition</i> , 2001, 85, 157-163.	1.2	46
25	Fractional magnesium absorption is significantly lower in human subjects from a meal served with an oxalate-rich vegetable, spinach, as compared with a meal served with kale, a vegetable with a low oxalate content. <i>British Journal of Nutrition</i> , 2004, 91, 601-606.	1.2	44
26	Iron absorption from ferrous fumarate in adult women is influenced by ascorbic acid but not by Na <sub>2</sub> EDTA. <i>British Journal of Nutrition</i> , 2003, 90, 1081-1085.	1.2	43
27	Intrinsic and Extrinsic Labeling for Studies of Manganese Absorption in Humans. <i>Journal of Nutrition</i> , 1988, 118, 1517-1521.	1.3	42
28	<i>Helicobacter pylori</i> is not associated with anaemia in Latin America: results from Argentina, Brazil, Bolivia, Cuba, Mexico and Venezuela. <i>Public Health Nutrition</i> , 2009, 12, 1862-1870.	1.1	42
29	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. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 104-109.	2.2	40
30	A comparison of iron absorption in adults and infants consuming identical infant formulas. <i>British Journal of Nutrition</i> , 1998, 79, 31-36.	1.2	39
31	Dietary Fiber in Weaning Cereals: A Study of the Effect on Stool Characteristics and Absorption of Energy, Nitrogen, and Minerals in Healthy Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1996, 22, 167-179.	0.9	34
32	NaFe <sub>3</sub> +EDTA as a food fortificant: influence on zinc, calcium and copper metabolism in the rat. <i>British Journal of Nutrition</i> , 1994, 71, 85-93.	1.2	33
33	Dephytinisation of soyabean protein isolate with low native phytic acid content has limited impact on mineral and trace element absorption in healthy infants. <i>British Journal of Nutrition</i> , 2004, 91, 287-293.	1.2	33
34	Effect of Ascorbic Acid and Particle Size on Iron Absorption from Ferric Pyrophosphate in Adult Women. <i>International Journal for Vitamin and Nutrition Research</i> , 2004, 74, 294-300.	0.6	31
35	<i>Helicobacter pylori</i> infection in pregnant women in four districts of Uganda: role of geographic location, education and water sources. <i>BMC Public Health</i> , 2014, 14, 915.	1.2	29
36	Comparison of Selenite and Selenate Apparent Absorption and Retention in Infants Using Stable Isotope Methodology. <i>Pediatric Research</i> , 2002, 51, 71-75.	1.1	28

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37	Effect of meal composition and phytate content on zinc absorption in humans from an extruded bran product. <i>Journal of Cereal Science</i> , 1989, 10, 189-197.	1.8	27
38	Comparison of urinary monitoring, faecal monitoring and erythrocyte analysis of stable isotope labels to determine magnesium absorption in human subjects. <i>British Journal of Nutrition</i> , 2004, 91, 113-120.	1.2	26
39	Zinc absorption in adult humans: the effect of protein sources added to liquid test meals. <i>British Journal of Nutrition</i> , 1996, 75, 607-613.	1.2	24
40	Sodium Iron EDTA [NaFe(III)EDTA] as a Food Fortificant Does Not Influence Absorption and Urinary Excretion of Manganese in Healthy Adults. <i>Journal of Nutrition</i> , 1998, 128, 1139-1143.	1.3	24
41	The effect of retinyl palmitate added to iron-fortified maize porridge on erythrocyte incorporation of iron in African children with vitamin A deficiency. <i>British Journal of Nutrition</i> , 2003, 90, 337-343.	1.2	24
42	The aetiology of anaemia during pregnancy: a study to evaluate the contribution of iron deficiency and common infections in pregnant Ugandan women. <i>Public Health Nutrition</i> , 2015, 18, 1423-1435.	1.1	24
43	The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals. <i>British Journal of Nutrition</i> , 1987, 58, 49-57.	1.2	23
44	Manganese Absorption From Human Milk, Cow's Milk, and Infant Formulas in Humans. <i>JAMA Pediatrics</i> , 1989, 143, 823.	3.6	20
45	Minerals and trace elements in infant nutrition. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1994, 83, 38-42.	0.7	17
46	Zinc and calcium apparent absorption from an infant cereal: a stable isotope study in healthy infants. <i>British Journal of Nutrition</i> , 1996, 75, 291-300.	1.2	17
47	Regular consumption of a complementary food fortified with ascorbic acid and ferrous fumarate or ferric pyrophosphate is as useful as ferrous sulfate in maintaining hemoglobin concentrations $\geq 105$ g/L in young Bangladeshi children. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1815-1820.	2.2	15
48	Erythrocyte incorporation of iron by infants: iron bioavailability from a low-iron infant formula and an evaluation of the usefulness of correcting erythrocyte incorporation values, using a reference dose or plasma ferritin concentrations. <i>British Journal of Nutrition</i> , 2000, 84, 847-853.	1.2	13
49	Zinc and calcium apparent absorption from an infant cereal: A stable isotope study in healthy infants. <i>British Journal of Nutrition</i> , 1996, 75, 291-300.	1.2	13
50	Bioavailability of Micronutrients: Stable Isotope Techniques to Develop Effective Food-Based Strategies to Combat Micronutrient Deficiencies. <i>Food and Nutrition Bulletin</i> , 2011, 32, S24-S30.	0.5	10
51	Incidence of Type 2 Diabetes in Kuwaiti Children and Adolescents: Results From the Childhood-Onset Diabetes Electronic Registry (CODeR). <i>Frontiers in Endocrinology</i> , 2019, 10, 836.	1.5	10
52	Maturity-onset diabetes of the young (MODY): a time to act. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 565-566.	5.5	9
53	New frontiers in science and technology: nuclear techniques in nutrition. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 691S-695S.	2.2	8
54	Total body water measurement using the $^2$ H dilution technique for the assessment of body composition of Kuwaiti children. <i>Public Health Nutrition</i> , 2015, 18, 259-263.	1.1	8

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55	Manganese absorption from mangold ( <i>Beta vulgaris</i> ): comparison of intrinsic and extrinsic labels. <i>Journal of Nutritional Biochemistry</i> , 1991, 2, 323-326.	1.9	6
56	Glycaemic control in native Kuwaiti Arab patients with type 2 diabetes. <i>Primary Care Diabetes</i> , 2018, 12, 526-532.	0.9	6
57	Human milk as a source of ascorbic acid: no enhancing effect on iron bioavailability from a traditional complementary food consumed by Bangladeshi infants and young children. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 1073-1077.	2.2	5
58	Stable Isotope Techniques to Develop and Monitor Nutrition Interventions. <i>Current Nutrition and Food Science</i> , 2010, 6, 100-104.	0.3	4
59	Balancing the Benefits and Risks of Iron Fortification in Resource-Constrained Settings. <i>Journal of Pediatrics</i> , 2015, 167, S26-S30.	0.9	4
60	The Effect of Na <sub>2</sub> EDTA on Iron Absorption from Ferrous Fumarate. <i>Journal of Nutrition</i> , 2004, 134, 1201.	1.3	3
61	Total Energy Expenditure in Obese Kuwaiti Primary School Children Assessed by the Doubly-Labeled Water Technique. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1007.	1.2	3
62	Brittmarie Sandström (1945–2002). <i>Journal of Nutrition</i> , 2003, 133, 4071-4073.	1.3	1
63	Audit of glycemic control in patients with type 1 diabetes referred to a pediatric clinic in a specialized center in Kuwait. <i>Diabetes Research and Clinical Practice</i> , 2019, 156, 107827.	1.1	1
64	Rabson–Mendenhall Syndrome in a brother-sister pair in Kuwait: Diagnosis and 5 year follow up. <i>Primary Care Diabetes</i> , 2021, 15, 175-177.	0.9	1
65	IRON BIOAVAILABILITY IN INFANTS FROM AN INFANT CEREAL FORTIFIED WITH FERRIC PYROPHOSPHATE OR FERROUS FUMARATE.. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1997, 24, 456.	0.9	0
66	Trace-element Studies in Infants and Pregnant or Lactating Women. <i>Modern Nutrition</i> , 2000, , 167-186.	0.1	0