Manju B Reddy

List of Publications by Year
in descending order

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57 papers	2,298 citations	361296 20 h-index	265120 42 g-index
57 all docs	57 docs citations	57 times ranked	2649 citing authors

#	Article	IF	Citations
1	Inhibition of non-haem iron absorption in man by polyphenolic-containing beverages. British Journal of Nutrition, 1999, 81, 289-295.	1.2	378
2	Degradation of phytic acid in cereal porridges improves iron absorption by human subjects. American Journal of Clinical Nutrition, 2003, 77, 1213-1219.	2.2	279
3	Effect of ascorbic acid intake on nonheme-iron absorption from a complete diet. American Journal of Clinical Nutrition, 2001, 73, 93-98.	2.2	193
4	Estimation of nonheme-iron bioavailability from meal composition. American Journal of Clinical Nutrition, 2000, 71, 937-943.	2.2	165
5	An evaluation of EDTA compounds for iron fortification of cereal-based foods. British Journal of Nutrition, 2000, 84, 903-910.	1.2	145
6	Iron, Oxidative Stress, and Disease Risk. Nutrition Reviews, 2004, 62, 120-124.	2.6	112
7	Epigallocatechin Gallate Has a Neurorescue Effect in a Mouse Model of Parkinson Disease. Journal of Nutrition, 2017, 147, 1926-1931.	1.3	111
8	Neuroprotective effect of the natural iron chelator, phytic acid in a cell culture model of Parkinson's disease. Toxicology, 2008, 245, 101-108.	2.0	107
9	Caco-2 Cells Can Be Used to Assess Human Iron Bioavailability from a Semipurified Meal. Journal of Nutrition, 2000, 130, 1329-1334.	1.3	89
10	Histidine Content of Low-Molecular-Weight Beef Proteins Influences Nonheme Iron Bioavailability in Caco-2 Cells. Journal of Nutrition, 2002, 132, 245-251.	1.3	66
11	Permeability of rosmarinic acid in Prunella vulgaris and ursolic acid in Salvia officinalis extracts across Caco-2 cell monolayers. Journal of Ethnopharmacology, 2011, 137, 1107-1112.	2.0	65
12	A Complete Diet-Based Algorithm for Predicting Nonheme Iron Absorption in Adults1,2. Journal of Nutrition, 2013, 143, 1136-1140.	1.3	59
13	Effects of soy isoflavones and phytate on homocysteine, C-reactive protein, and iron status in postmenopausal women. American Journal of Clinical Nutrition, 2006, 84, 774-780.	2.2	58
14	Meat Consumption in a Varied Diet Marginally Influences Nonheme Iron Absorption in Normal Individuals. Journal of Nutrition, 2006, 136, 576-581.	1.3	54
15	Phytate degradation determines the effect of industrial processing and home cooking on iron absorption from cereal-based foods. British Journal of Nutrition, 2002, 88, 117-123.	1.2	47
16	Constraints on the Use of Animal Source Foods for Young Children in Ghana: A Participatory Rapid Appraisal Approach. Ecology of Food and Nutrition, 2006, 45, 351-377.	0.8	45
17	Regular Consumption of a High-Phytate Diet Reduces the Inhibitory Effect of Phytate on Nonheme-Iron Absorption in Women with Suboptimal Iron Stores,. Journal of Nutrition, 2015, 145, 1735-1739.	1.3	38
18	Centrally located body fat is related to inflammatory markers in healthy postmenopausal women. Menopause, 2008, 15, 619-627.	0.8	36

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19	EGCG Protects against 6-OHDA-Induced Neurotoxicity in a Cell Culture Model. Parkinson's Disease, 2015, 2015, 1-10.	0.6	25
20	Phytic Acid Protects against 6-Hydroxydopamine-Induced Dopaminergic Neuron Apoptosis in Normal and Iron Excess Conditions in a Cell Culture Model. Parkinson's Disease, 2011, 2011, 1-6.	0.6	24
21	The Effect of Soy Food Intake on Mineral Status in Premenopausal Women. Journal of Women's Health, 2011, 20, 771-780.	1.5	19
22	Hepcidin Plays a Key Role in 6-OHDA Induced Iron Overload and Apoptotic Cell Death in a Cell Culture Model of Parkinsonâ€™s Disease. Parkinson's Disease, 2016, 2016, 1-7.	0.6	18
23	Total Iron Bioavailability from the US Diet Is Lower Than the Current Estimate ,. Journal of Nutrition, 2015, 145, 2617-2621.	1.3	16
24	Nutritional, Microbial, and Sensory Evaluation of Complementary Foods Made from Blends of Orange-Fleshed Sweet Potato and Edible Insects. Foods, 2020, 9, 1225.	1.9	15
25	Effect of Maternal Cigarette Smoking on Newborn Iron Stores. Clinical Research and Trials, 2015, 1, 4-7.	0.1	15
26	Impact of Iron-Enriched Aspergillus oryzae on Iron Bioavailability, Safety, and Gut Microbiota in Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 6213-6218.	2.4	14
27	Cytotoxicity assessment of Aflatoxin B1 after high voltage atmospheric cold plasma treatment. Toxicon, 2021, 194, 17-22.	0.8	14
28	Iron Absorption from Iron-Enriched Aspergillus oryzae Is Similar to Ferrous Sulfate in Healthy Female Subjects. Current Developments in Nutrition, 2018, 2, nzy004.	0.1	12
29	Algorithms to Assess non-Heme Iron Bioavailability. International Journal for Vitamin and Nutrition Research, 2005, 75, 405-412.	0.6	11
30	Alternative Protein and Iron Sources from Edible Insects but Not Solanum torvum Improved Body Composition and Iron Status in Malnourished Rats. Nutrients, 2019, 11, 2481.	1.7	11
31	Absorption of Nonheme Iron in Ascorbic Acid-Deficient Rats. Journal of Nutrition, 1994, 124, 882-887.	1.3	10
32	Epigallocatechin Gallate Protects against TNFÎ±- or H2O2- Induced Apoptosis by Modulating Iron Related Proteins in a Cell Culture Model. International Journal for Vitamin and Nutrition Research, 2018, 88, 158-165.	0.6	10
33	Assessment of Acute Serum Iron, Non-Transferrin-Bound Iron, and Gastrointestinal Symptoms with 3-Week Consumption of Iron-Enriched Aspergillus oryzae Compared with Ferrous Sulfate. Current Developments in Nutrition, 2019, 3, nzz127.	0.1	7
34	Recurrent Selection to Alter Grain Phytic Acid Concentration and Iron Bioavailability. Crop Science, 2015, 55, 2244-2251.	0.8	6
35	Influence of Food Security Status and Anemia-Related Knowledge on Perceptions About 2 Nutritious Underutilized Foods Among Ghanaian Caregivers. Food and Nutrition Bulletin, 2019, 40, 488-503.	0.5	5
36	Phytic Acid Protects from Oxidative Stress Induced by Iron-Overload and High-Fat Diets in ÃŸ2-Microglobulin Knockout Mice. Molecules, 2020, 25, 5331.	1.7	5

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37	Iron Absorption from Bouillon Fortified with Iron-Enriched Aspergillus oryzae Is Higher Than That Fortified with Ferric Pyrophosphate in Young Women. Journal of Nutrition, 2020, 150, 1109-1115.	1.3	5
38	Echinacea sanguinea and Echinacea pallida Extracts Stimulate Glucuronidation and Basolateral Transfer of Bauer Alkamides 8 and 10 and Ketone 24 and Inhibit P-glycoprotein Transporter in Caco-2 Cells. Planta Medica, 2013, 79, 266-274.	0.7	3
39	Inflammatory Markers and Hepcidin are Elevated but Serum Iron is Lower in Obese Women of Reproductive Age. Nutrients, 2021, 13, 217.	1.7	3
40	Neuroprotective Effects of B-Type Cinnamon Procyanidin Oligomers on MPP+-Induced Apoptosis in a Cell Culture Model of Parkinsonâ€™s Disease. Molecules, 2021, 26, 6422.	1.7	1
41	Integrating economic and educational intervention activities in the ENAM project leads to improved child nutritional status in rural Ghana. FASEB Journal, 2009, 23, 352.4.	0.2	1
42	An integrated economic and education intervention (the ENAM project) decreased household food insecurity in rural Ghana. FASEB Journal, 2009, 23, 336.1.	0.2	1
43	Fermentation and Lactic Acid Addition Improve Iron Bioavailability of Maize. FASEB Journal, 2006, 20, A623.	0.2	0
44	The magnitude and pattern of purchased readyâ€toâ€eat foods in the diets of rural Ghanaian children. FASEB Journal, 2007, 21, A55.	0.2	0
45	Increases in caregivers' contributions to household food and nonâ€food expenditures did not affect child outcomes in the ENAM project. FASEB Journal, 2009, 23, 352.5.	0.2	0
46	Iron status and serine hydroxymethyltransferase (SHMT) activity and abundance in preâ€and postmenopausal women. FASEB Journal, 2010, 24, .	0.2	0
47	A complete meal based algorithm for predicting nonheme iron absorption. FASEB Journal, 2012, 26, 365.7.	0.2	0
48	White common beans (Phaseolus vulgaris) have higher in vitro iron bioavailability than colored seed coat varieties. FASEB Journal, 2012, 26, .	0.2	0
49	EGCG protects against 6â€OHDA induced neurotoxicity in a cell culture model. FASEB Journal, 2012, 26, 255.5.	0.2	0
50	Estimating Iron Bioavailability from the US Diet. FASEB Journal, 2013, 27, 358.5.	0.2	0
51	Beneficial Effects of Green Tea Consumption in Parkinson's Disease Patients. FASEB Journal, 2013, 27, 368.1.	0.2	0
52	Iron Bioavailability of Maize Hemoglobin in a Cacoâ€2 Cell Culture Model. FASEB Journal, 2013, 27, lb268.	0.2	0
53	Hepcidin plays a key role in 6â€OHDA induced iron overload and apoptotic cell death in a cell culture model of Parkinsonâ€™s disease (1038.2). FASEB Journal, 2014, 28, 1038.2.	0.2	0
54	Iron bioavailability of low and high phytic aid maize produced via recurrent selection (1042.4). FASEB Journal, 2014, 28, 1042.4.	0.2	0

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55	Adaptation of iron bioavailability with high phytate diet consumption (122.6). FASEB Journal, 2014, 28, 122.6.	0.2	0
56	Calcein's Quenching In Vitro Method for Assessing Dietary Iron Bioavailability. FASEB Journal, 2015, 29, LB336.	0.2	0
57	(â˜)â€Epigallocatechinâ€3â€Gallate Protects against TNF alpha and Hydrogen Peroxide Induced Apoptosis in a Cell Culture Model of Parkinson's Disease. FASEB Journal, 2015, 29, 922.9.	0.2	0