

Biofortification: A New Tool to Reduce Micronutrient M

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic Modification of <i>Low Phytic Acid 1-1</i> Maize to Enhance Iron Content and Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12954-12962.	2.4	54
2	Ethnopharmacology, food production, nutrition and biodiversity conservation: Towards a sustainable future for indigenous peoples. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1-15.	2.0	104
3	Econutrition and Utilization of Food-Based Approaches for Nutritional Health. <i>Food and Nutrition Bulletin</i> , 2011, 32, S4-S13.	0.5	25
4	Multiple Micronutrient Interventions Are Efficacious, but Research on Adequacy, Plausibility, and Implementation Needs Attention. <i>Journal of Nutrition</i> , 2012, 142, 205S-209S.	1.3	19
5	Daily Consumption of Orange-Fleshed Sweet Potato for 60 Days Increased Plasma β -Carotene Concentration but Did Not Increase Total Body Vitamin A Pool Size in Bangladeshi Women. <i>Journal of Nutrition</i> , 2012, 142, 1896-1902.	1.3	31
6	Introduction of β -Carotene-Rich Orange Sweet Potato in Rural Uganda Resulted in Increased Vitamin A Intakes among Children and Women and Improved Vitamin A Status among Children. <i>Journal of Nutrition</i> , 2012, 142, 1871-1880.	1.3	213
7	Cereal Biofortification: Strategies, Challenges, and Benefits. <i>Cereal Foods World</i> , 2012, 57, 165-169.	0.7	9
8	Genetic enhancement of grain iron and zinc content in pearl millet. <i>Quality Assurance and Safety of Crops and Foods</i> , 2012, 4, 119-125.	1.8	96
9	Retention during Processing and Bioaccessibility of β -Carotene in High β -Carotene Transgenic Cassava Root. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3861-3866.	2.4	57
10	New foods for thought. <i>Trends in Plant Science</i> , 2012, 17, 123-125.	4.3	20
12	Biofortification, Agricultural Technology Adoption, and Nutrition Policy: Some Lessons and Emerging Challenges*. <i>CESifo Economic Studies</i> , 2012, 58, 405-421.	0.3	30
13	Spatial distribution of dry matter in yellow fleshed cassava roots and its influence on carotenoid retention upon boiling. <i>Food Research International</i> , 2012, 45, 52-59.	2.9	35
14	Mitigating zinc deficiency and achieving high grain Zn in rice through integration of soil chemistry and plant physiology research. <i>Plant and Soil</i> , 2012, 361, 3-41.	1.8	121
15	Biofortification of wheat with zinc through zinc fertilization in seven countries. <i>Plant and Soil</i> , 2012, 361, 119-130.	1.8	216
16	Biofortification and estimated human bioavailability of zinc in wheat grains as influenced by methods of zinc application. <i>Plant and Soil</i> , 2012, 361, 279-290.	1.8	129
17	Acceptance and Effect of Ferrous Fumarate Containing Micronutrient Sprinkles on Anemia, Iron Deficiency and Anthropometrics in Honduran Children. , 0, , .		1
18	Vegetable breeding in Africa: constraints, complexity and contributions toward achieving food and nutritional security. <i>Food Security</i> , 2012, 4, 115-127.	2.4	73
19	Potential of non-GMO biofortified pearl millet (<i>Pennisetum glaucum</i>) for increasing iron and zinc content and their estimated bioavailability during abrasive decortication. <i>International Journal of Food Science and Technology</i> , 2012, 47, 1660-1668.	1.3	15

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21	Maize grain concentrations and above-ground shoot acquisition of micronutrients as affected by intercropping with turnip, faba bean, chickpea, and soybean. <i>Science China Life Sciences</i> , 2013, 56, 823-834.	2.3	30
22	Biofortification: Progress toward a more nourishing future. <i>Global Food Security</i> , 2013, 2, 9-17.	4.0	321
23	Lentil (<i>Lens culinaris</i> L.) as a candidate crop for iron biofortification: Is there genetic potential for iron bioavailability?. <i>Field Crops Research</i> , 2013, 144, 119-125.	2.3	40
24	Genetic architecture controlling variation in grain carotenoid composition and concentrations in two maize populations. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2879-2895.	1.8	54
25	Marker-trait association analysis of functional gene markers for provitamin A levels across diverse tropical yellow maize inbred lines. <i>BMC Plant Biology</i> , 2013, 13, 227.	1.6	93
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28	Soil-type influences human selenium status and underlies widespread selenium deficiency risks in Malawi. <i>Scientific Reports</i> , 2013, 3, 1425.	1.6	104
29	Zinc bioavailability response curvature in wheat grains under incremental zinc applications. <i>Archives of Agronomy and Soil Science</i> , 2013, 59, 1001-1016.	1.3	18
30	Bioaccessibility of Carotenoids from Transgenic Provitamin A Biofortified Sorghum. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5764-5771.	2.4	103
31	Nutrition-sensitive interventions and programmes: how can they help to accelerate progress in improving maternal and child nutrition?. <i>Lancet, The</i> , 2013, 382, 536-551.	6.3	1,206
32	Multielement Plant Tissue Analysis Using ICP Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 953, 121-141.	0.4	42
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34	Abiotic stress growth conditions induce different responses in kernel iron concentration across genotypically distinct maize inbred varieties. <i>Frontiers in Plant Science</i> , 2013, 4, 488.	1.7	5
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36	The <i>Phaseolus vulgaris</i> ZIP gene family: identification, characterization, mapping, and gene expression. <i>Frontiers in Plant Science</i> , 2013, 4, 286.	1.7	52
37	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. <i>Journal of Nutrition</i> , 2013, 143, 1376-1382.	1.3	110
39	Enhancing the chelation capacity of rice to maximise iron and zinc concentrations under elevated atmospheric carbon dioxide. <i>Functional Plant Biology</i> , 2013, 40, 101.	1.1	13

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133	Biofortification: Pathway Ahead and Future Challenges. , 2016, , 479-492.		5
134	Biofortification: Introduction, Approaches, Limitations, and Challenges. , 2016, , 3-18.		24
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151	Metal Tolerance Protein 8 Mediates Manganese Homeostasis and Iron Reallocation during Seed Development and Germination. <i>Plant Physiology</i> , 2017, 174, 1633-1647.	2.3	99
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153	Mineral nutrient composition of vegetables, fruits and grains: The context of reports of apparent historical declines. <i>Journal of Food Composition and Analysis</i> , 2017, 56, 93-103.	1.9	172
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