

Fertilizing Nature: A Tragedy of Excess in the Commons

PLoS Biology

9, e1001124

DOI: [10.1371/journal.pbio.1001124](https://doi.org/10.1371/journal.pbio.1001124)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Darwinian rivers. , 2012, , .		0
2	Plant root distributions and nitrogen uptake predicted by a hypothesis of optimal root foraging. Ecology and Evolution, 2012, 2, 1235-1250.	0.8	59
3	The effects of different fertilization conditions on bacterial plant growth promoting traits: guidelines for directed bacterial prospection and testing. Plant and Soil, 2013, 368, 267-280.	1.8	64
4	Physiological analysis of nitrogen-efficient rice overexpressing alanine aminotransferase under different N regimes. Botany, 2013, 91, 866-883.	0.5	36
5	Detection of exotic QTLs controlling nitrogen stress tolerance among wild barley introgression lines. Euphytica, 2013, 189, 67-88.	0.6	22
6	Manipulation of microRNA expression to improve nitrogen use efficiency. Plant Science, 2013, 210, 70-81.	1.7	83
7	Matching roots to their environment. Annals of Botany, 2013, 112, 207-222.	1.4	247
8	Biological Nitrogen Fixation: Importance, Associated Diversity, and Estimates. , 2013, , 267-289.		13
9	The nitrogen cascade from agricultural soils to the sea: modelling nitrogen transfers at regional watershed and global scales. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130123.	1.8	184
10	Participatory Breeding for Climate Change-Related Traits. , 2013, , 331-376.		41
11	Inoculants based in Autochthonous Microorganisms, a Strategy to Optimize Agronomic Performance of Biofertilizers. , 2013, , 301-328.		2
12	Genome sequence of the South American clover-nodulating Rhizobium leguminosarum bv. trifolii strain WSM597. Standards in Genomic Sciences, 2013, 9, 264-272.	1.5	4
13	An Analysis of China's Fertilizer Policies: Impacts on the Industry, Food Security, and the Environment. Journal of Environmental Quality, 2013, 42, 972-981.	1.0	141
14	Establishing a Regional Nitrogen Management Approach to Mitigate Greenhouse Gas Emission Intensity from Intensive Smallholder Maize Production. PLoS ONE, 2014, 9, e98481.	1.1	33
15	Drought Tolerance Conferred to Sugarcane by Association with Gluconacetobacter diazotrophicus: A Transcriptomic View of Hormone Pathways. PLoS ONE, 2014, 9, e114744.	1.1	187
16	A Model to Explain Plant Growth Promotion Traits: A Multivariate Analysis of 2,211 Bacterial Isolates. PLoS ONE, 2014, 9, e116020.	1.1	61
17	The driving forces of fertilizer use intensity by crops in China: A complete decomposition model. Scientific Research and Essays, 2014, 9, 229-237.	0.1	3
18	Nitrogen use and food production in European regions from a global perspective. Journal of Agricultural Science, 2014, 152, 9-19.	0.6	27

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19	An integrated "omics" approach to the characterization of maize (<i>Zea mays</i> L.) mutants deficient in the expression of two genes encoding cytosolic glutamine synthetase. <i>BMC Genomics</i> , 2014, 15, 1005.	1.2	15
20	Revisiting the Environmental and Socioeconomic Effects of Population Growth: a Fundamental but Fading Issue in Modern Scientific, Public, and Political Circles. <i>Ecology and Society</i> , 2014, 19, .	1.0	22
21	GM Crops, Organic Agriculture and Breeding for Sustainability. <i>Sustainability</i> , 2014, 6, 4273-4286.	1.6	59
22	Exploring ammonium tolerance in a large panel of <i>Arabidopsis thaliana</i> natural accessions. <i>Journal of Experimental Botany</i> , 2014, 65, 6023-6033.	2.4	95
23	Nitrogen-use efficiency in maize (<i>Zea mays</i> L.): from 'omics' studies to metabolic modelling. <i>Journal of Experimental Botany</i> , 2014, 65, 5657-5671.	2.4	80
26	Evaluation of Tillage Practices for Maize (<i>Zea mays</i>) Grown on Different Land-Use Systems in Eastern Zambia. <i>Sustainable Agriculture Research</i> , 2015, 5, 10.	0.2	2
27	Role of microRNAs involved in plant response to nitrogen and phosphorous limiting conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 629.	1.7	66
28	A genetic relationship between nitrogen use efficiency and seedling root traits in maize as revealed by QTL analysis. <i>Journal of Experimental Botany</i> , 2015, 66, 3175-3188.	2.4	135
29	Environmental costs of China's food security. <i>Agriculture, Ecosystems and Environment</i> , 2015, 209, 5-14.	2.5	157
30	NPK macronutrients and microRNA homeostasis. <i>Frontiers in Plant Science</i> , 2015, 6, 451.	1.7	55
31	Participatory tomato breeding for organic conditions in Italy. <i>Euphytica</i> , 2015, 204, 179-197.	0.6	47
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34	Nitrogen Dynamics of Vermicompost Use in Sustainable Agriculture. <i>Journal of Soil Science and Environmental Management</i> , 2016, 7, 173-183.	0.4	11
35	Understanding Plant Nitrogen Metabolism through Metabolomics and Computational Approaches. <i>Plants</i> , 2016, 5, 39.	1.6	41
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38	Effect of different levels of nitrogen on rhizosphere bacterial community structure in intensive monoculture of greenhouse lettuce. <i>Scientific Reports</i> , 2016, 6, 25305.	1.6	44

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39	Phenotyping approaches to evaluate nitrogen-use efficiency related traits of diverse wheat varieties under field conditions. <i>Crop and Pasture Science</i> , 2016, 67, 1139.	0.7	30
40	Phenotyping two tomato genotypes with different nitrogen use efficiency. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 21-32.	2.8	67
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45	Mean age distribution of inorganic soil nitrogen. <i>Water Resources Research</i> , 2016, 52, 5516-5536.	1.7	20
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56	Innovative liquid formulation of digestates for producing a biofertilizer based on <i>Bacillus siamensis</i> : Field testing on sweet pepper. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 748-758.	1.1	38

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164	Association genetics of the parameters related to nitrogen use efficiency in <i>Brassica juncea</i> L.. <i>Plant Molecular Biology</i> , 2021, 105, 161-175.	2.0	6
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169	Nitrous oxide emissions from applied nitrate fertiliser in commercial cherry orchards. <i>Soil Research</i> , 2021, 59, 60.	0.6	2
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