

The discovery of nickel hyperaccumulation in the New  
*acuminata* 40 years on: an introduction to a Virtual

New Phytologist

218, 397-400

DOI: [10.1111/nph.15105](https://doi.org/10.1111/nph.15105)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Does slow and steady win the race? Root growth dynamics of <i>Arabidopsis halleri</i> ecotypes in soils with varying trace metal element contamination. <i>Environmental and Experimental Botany</i> , 2019, 167, 103862.	2.0	10
2	PIXE imaging of hyperaccumulator plants using the Maia detector array. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 451, 73-78.	0.6	6
3	Biogeochemistry of the flora of Weda Bay, Halmahera Island (Indonesia) focusing on nickel hyperaccumulation. <i>Journal of Geochemical Exploration</i> , 2019, 202, 113-127.	1.5	16
4	Towards an Understanding of the Molecular Basis of Nickel Hyperaccumulation in Plants. <i>Plants</i> , 2019, 8, 11.	1.6	51
5	X-ray fluorescence elemental mapping of roots, stems and leaves of the nickel hyperaccumulators <i>Rinorea cf. bengalensis</i> and <i>Rinorea cf. javanica</i> (Violaceae) from Sabah (Malaysia), Borneo. <i>Plant and Soil</i> , 2020, 448, 15-36.	1.8	11
6	Soil chemistry, elemental profiles and elemental distribution in nickel hyperaccumulator species from New Caledonia. <i>Plant and Soil</i> , 2020, 457, 293-320.	1.8	5
7	A systematic assessment of the occurrence of trace element hyperaccumulation in the flora of New Caledonia. <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 1-22.	0.8	40
8	Physiological and molecular mechanisms of metal accumulation in hyperaccumulator plants. <i>Physiologia Plantarum</i> , 2021, 173, 148-166.	2.6	60
9	Coupling nickel chemical speciation and isotope ratios to decipher nickel dynamics in the <i>Rinorea cf. bengalensis</i> -soil system in Malaysian Borneo. <i>Plant and Soil</i> , 2020, 454, 225-243.	1.8	11
10	Novel Insights Into the Hyperaccumulation Syndrome in <i>Pycnandra</i> (Sapotaceae). <i>Frontiers in Plant Science</i> , 2020, 11, 559059.	1.7	3
11	Nickel: Human Health and Environmental Toxicology. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 679.	1.2	685
12	Traditional use and perspectives for the application of plant latex and its constituents in agriculture, medicine and industry—A follow-up of ABR volume 93 “Latex, laticifers and their molecular components from functions to possible applications”. <i>Advances in Botanical Research</i> , 2021, 100, 301-327.	0.5	0
13	Molecular mechanisms underlying heavy metal uptake, translocation and tolerance in hyperaccumulators-an analysis. <i>Environmental Challenges</i> , 2021, 4, 100197.	2.0	66
14	Intensive cycling of nickel in a New Caledonian forest dominated by hyperaccumulator trees. <i>Plant Journal</i> , 2021, 107, 1040-1055.	2.8	6
15	THE PCA OF PHYTOMINING: PRINCIPLES, CHALLENGES AND ACHIEVEMENTS. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 2020, 15, 37-42.	0.2	6
16	Overexpression of ZNT1 and NRAMP4 from the Ni Hyperaccumulator <i>Noccaea caerulea</i> Population Monte Prinzeria in <i>Arabidopsis thaliana</i> Perturbs Fe, Mn, and Ni Accumulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11896.	1.8	8
17	Ultramafic soils and nickel phytomining opportunities: A review. <i>Revista Brasileira De Ciencia Do Solo</i> , 2022, 46, .	0.5	13
18	Contrasting patterns of nickel distribution in the hyperaccumulators <i>Phyllanthus balgooyi</i> and <i>Phyllanthus rufuschaneyi</i> from Malaysian Borneo. <i>Metallomics</i> , 2022, 14, .	1.0	0

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19	Stocks and biogeochemical cycling of soil-derived nutrients in an ultramafic rain forest in New Caledonia. <i>Forest Ecology and Management</i> , 2022, 509, 120049.	1.4	4
21	Role of Phytoremediation in Enhancing Heavy Metals Tolerance: A Novel Biotechnological Approach. <i>Current Biotechnology</i> , 2022, 11, 94-106.	0.2	1
22	Physiological mechanism associated with hyperaccumulation in plants in protection against metal stress. , 2022, , 159-184.		0
23	Synchrotron XFM tomography for elucidating metals and metalloids in hyperaccumulator plants. <i>Metallomics</i> , 2022, 14, .	1.0	2
26	Heavy Metal/Metalloid Contamination: Impact on Human Health and Mitigation Strategies. , 2023, , 49-74.		0