

Martin Kulhanek

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

336
citations

933264

10
h-index

940416

16
g-index

33
all docs

33
docs citations

33
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of three microbial bio-effectors to promote maize growth and nutrient acquisition from alternative phosphorous fertilizers in contrasting soils. <i>Chemical and Biological Technologies in Agriculture</i> , 2017, 4, .	1.9	49
2	Soil pH changes in long-term field experiments with different fertilizing systems. <i>Soil and Water Research</i> , 2015, 10, 19-23.	0.7	36
3	Effect of bioeffectors and recycled P-fertiliser products on the growth of spring wheat. <i>Chemical and Biological Technologies in Agriculture</i> , 2016, 3, .	1.9	22
4	Waste silicate minerals as potassium sources: a greenhouse study on spring barley. <i>Archives of Agronomy and Soil Science</i> , 2013, 59, 671-683.	1.3	18
5	Co-application of wood ash and <i>Paenibacillus mucilaginosus</i> to soil: the effect on maize nutritional status, root exudation and composition of soil solution. <i>Plant and Soil</i> , 2018, 428, 105-122.	1.8	14
6	Efficiency of foliar selenium application on oilseed rape (<i>Brassica napus</i>) as influenced by rainfall and soil characteristics. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1240-1254.	1.3	13
7	Evaluating of soil sulfur forms changes under different fertilizing systems during long-term field experiments. <i>Plant, Soil and Environment</i> , 2016, 62, 408-415.	1.0	12
8	Improved phosphorus fertilisation efficiency of wood ash by fungal strains <i>Penicillium</i> sp. PK112 and <i>Trichoderma harzianum</i> OMG08 on acidic soil. <i>Applied Soil Ecology</i> , 2020, 147, 103360.	2.1	12
9	Winter wheat fertilizing using nitrogen-sulphur fertilizer. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 67-74.	1.3	11
10	Balance of potassium in two long-term field experiments with different fertilization treatments. <i>Plant, Soil and Environment</i> , 2019, 65, 225-232.	1.0	11
11	Changes of soil bioavailable phosphorus content in the long-term field fertilizing experiment. <i>Soil and Water Research</i> , 2019, 14, 240-245.	0.7	11
12	Effect of organic fertilisers on glomalin content and soil organic matter quality. <i>Plant, Soil and Environment</i> , 2020, 66, 590-597.	1.0	11
13	Biochar in manure can suppress water stress of sugar beet (<i>Beta vulgaris</i>) and increase sucrose content in tubers. <i>Science of the Total Environment</i> , 2022, 814, 152772.	3.9	11
14	Basic soil chemical properties after 15 years in a long-term tillage and crop rotation experiment. <i>International Agrophysics</i> , 2020, 1, 133-140.	0.7	10
15	Potential of Mehlich 3 method for extracting plant available sulfur in the Czech agricultural soils. <i>Plant, Soil and Environment</i> , 2018, 64, 455-462.	1.0	9
16	Soil Organic Matter Degradation in Long-Term Maize Cultivation and Insufficient Organic Fertilization. <i>Plants</i> , 2020, 9, 1217.	1.6	9
17	The Influence of Organic and Mineral Fertilizers on the Quality of Soil Organic Matter and Glomalin Content. <i>Agronomy</i> , 2022, 12, 1375.	1.3	9
18	Nitrogen uptake by winter wheat (<i>Triticum aestivum</i>) depending on fertilizer application. <i>Cereal Research Communications</i> , 2015, 43, 515-524.	0.8	8

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19	Co-application of high temperature biochar with 3,4-dimethylpyrazole-phosphate treated ammonium sulphate improves nitrogen use efficiency in maize. <i>Scientific Reports</i> , 2021, 11, 5711.	1.6	8
20	Sulphur nutrition index in relation to nitrogen uptake and quality of winter wheat grain. <i>Chilean Journal of Agricultural Research</i> , 2019, 79, 486-492.	0.4	7
21	Fractionation of sulfur (S) in beech (<i>Fagus sylvatica</i>) forest soils in relation to distance from the stem base as useful tool for modeling S biogeochemistry. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1065-1079.	1.9	6
22	Soil carbon transformation in long-term field experiments with different fertilization treatments. <i>Plant, Soil and Environment</i> , 2018, 64, 578-586.	1.0	6
23	Mehlich 3 extractant used for the evaluation of wheat-available phosphorus and zinc in calcareous soils. <i>Plant, Soil and Environment</i> , 2018, 64, 53-57.	1.0	6
24	Use of active microorganisms of the <i>Pseudomonas</i> genus during cultivation of maize in field conditions. <i>Plant, Soil and Environment</i> , 2018, 64, 26-31.	1.0	4
25	Impact of organic and mineral fertilising on aluminium mobility and extractability in two temperate Cambisols. <i>Plant, Soil and Environment</i> , 2019, 65, 581-587.	1.0	4
26	Potassium fractions in soil and simple K balance in long-term fertilising experiments. <i>Soil and Water Research</i> , 2020, 15, 211-219.	0.7	4
27	Effects of long-term mineral fertilization on silage maize monoculture yield, phosphorus uptake and its dynamic in soil. <i>Field Crops Research</i> , 2022, 280, 108476.	2.3	4
28	Evaluation of Soil S Pools under 23 Years of Maize Monoculture. <i>Agronomy</i> , 2021, 11, 2376.	1.3	3
29	Exchangeable and Plant-Available Macronutrients in a Long-Term Tillage and Crop Rotation Experiment after 15 Years. <i>Plants</i> , 2022, 11, 565.	1.6	3
30	Use of Active Microorganisms in Crop Production - A Review. <i>Journal of Food Processing & Technology</i> , 2017, 8, .	0.2	2
31	Is <i>Bacillus amyloliquefaciens</i> inoculation effective for the enhancement of soil and plant nutrient status and fruit quality of <i>Solanum lycopersicum</i> L. in the presence of composted organic fertilisers?. <i>Archives of Agronomy and Soil Science</i> , 0, , 1-15.	1.3	0