

F&bio Joel Kochem Mallmann

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

410
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastic mulch and nitrogen fertigation in growing vegetables modify soil temperature, water and nitrate dynamics: Experimental results and a modeling study. <i>Agricultural Water Management</i> , 2016, 176, 100-110.	5.6	69
2	Numerical simulation of water flow in tile and mole drainage systems. <i>Agricultural Water Management</i> , 2014, 146, 105-114.	5.6	45
3	Copper and zinc accumulation and fractionation in a clayey Hapludox soil subject to long-term pig slurry application. <i>Science of the Total Environment</i> , 2015, 536, 831-839.	8.0	43
4	Monitoring soil quality changes in diversified agricultural cropping systems by the Soil Management Assessment Framework (SMAF) in southern Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2019, 281, 100-110.	5.3	39
5	Soil tillage to reduce surface metal contamination â€ model development and simulations of zinc and copper concentration profiles in a pig slurry-amended soil. <i>Agriculture, Ecosystems and Environment</i> , 2014, 196, 59-68.	5.3	35
6	Prospective modeling with Hydrus-2D of 50years Zn and Pb movements in low and moderately metal-contaminated agricultural soils. <i>Journal of Contaminant Hydrology</i> , 2013, 145, 54-66.	3.3	30
7	Radical change of Zn speciation in pig slurry amended soil: Key role of nano-sized sulfide particles. <i>Environmental Pollution</i> , 2017, 222, 495-503.	7.5	21
8	Modeling field-scale vertical movement of zinc and copper in a pig slurry-amended soil in Brazil. <i>Journal of Hazardous Materials</i> , 2012, 243, 223-231.	12.4	20
9	Using a two site-reactive model for simulating one century changes of Zn and Pb concentration profiles in soils affected by metallurgical fallout. <i>Environmental Pollution</i> , 2012, 162, 294-302.	7.5	19
10	Destino do nitrogÃnio em videiras 'chardonnay' e 'riesling renano' quando aplicado no inchamento das gemas. <i>Revista Brasileira De Fruticultura</i> , 2006, 28, 497-500.	0.5	17
11	Animal manure phosphorus characterization by sequential chemical fractionation, release kinetics and 31P-NMR analysis. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1506-1514.	1.3	16
12	Resposta de culturas e disponibilidade de enxofre em solos com diferentes teores de argila e matÃria orgÃnica submetidos Ã adubaÃ£o sulfatada. <i>Bragantia</i> , 2012, 71, 518-527.	1.3	15
13	Respostas de culturas Ã adubaÃ£o sulfatada e deposiÃ£o de enxofre atmosfÃrico. <i>Revista Ceres</i> , 2013, 60, 420-427.	0.4	9
14	Ion levels in the gastrointestinal tract content and plasma of four teleosts with different feeding habits. <i>Fish Physiology and Biochemistry</i> , 2006, 32, 105-112.	2.3	7
15	Chemical, Biological, and Biochemical Parameters of the Soil P Cycle After Long-Term Pig Slurry Application in No-Tillage System. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	1.3	7
16	Dynamics of sulfate and basic cations in soil solution as affected by gypsum fertilization in an Ultisol of Southern Brazil. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1998-2012.	2.6	6
17	Limestone and gypsum reapplication in an oxisol under no-tillage promotes low soybean and corn yield increase under tropical conditions. <i>Soil and Tillage Research</i> , 2021, 214, 105165.	5.6	6
18	Modeling Zinc and Copper Movement in an Oxisol under Long-Term Pig Slurry Amendments. <i>Vadose Zone Journal</i> , 2017, 16, 1-14.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Redistribution of Zn towards light-density fractions and potentially mobile phases in a long-term manure-amended clayey soil. <i>Geoderma</i> , 2021, 394, 115044.	5.1	3