

Rogério Cichota

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,611
citations

840119

11
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

2053
citing authors

#	ARTICLE	IF	CITATIONS
1	APSIM – Evolution towards a new generation of agricultural systems simulation. <i>Environmental Modelling and Software</i> , 2014, 62, 327-350.	1.9	1,173
2	APSIM Next Generation: Overcoming challenges in modernising a farming systems model. <i>Environmental Modelling and Software</i> , 2018, 103, 43-51.	1.9	174
3	Effects of nitrogen load variation in animal urination events on nitrogen leaching from grazed pasture. <i>Agriculture, Ecosystems and Environment</i> , 2012, 159, 81-89.	2.5	48
4	Ensemble pedotransfer functions to derive hydraulic properties for New Zealand soils. <i>Soil Research</i> , 2013, 51, 94.	0.6	48
5	Estimation of soil subsurface hydraulic conductivity based on inverse modelling and soil morphology. <i>Journal of Hydrology</i> , 2019, 574, 373-382.	2.3	22
6	Understanding spatial and temporal variability of N leaching reduction by winter cover crops under climate change. <i>Science of the Total Environment</i> , 2021, 771, 144770.	3.9	20
7	Nitrate leaching losses during pasture renewal – Effects of treading, urine, forages and tillage. <i>Science of the Total Environment</i> , 2019, 651, 1819-1829.	3.9	17
8	Combining Restricted Grazing and Nitrification Inhibitors to Reduce Nitrogen Leaching on New Zealand Dairy Farms. <i>Journal of Environmental Quality</i> , 2017, 46, 72-79.	1.0	15
9	Performance of a fertiliser management algorithm to balance yield and nitrogen losses in dairy systems. <i>Agricultural Systems</i> , 2018, 162, 56-65.	3.2	12
10	Lateral spread affects nitrogen leaching from urine patches. <i>Science of the Total Environment</i> , 2018, 635, 1392-1404.	3.9	12
11	Effect of variability in soil properties plus model complexity on predicting topsoil water content and nitrous oxide emissions. <i>Soil Research</i> , 2018, 56, 810.	0.6	11
12	Estimating nitrogen release from Brassica catch crop residues – Comparison of different approaches within the APSIM model. <i>Soil and Tillage Research</i> , 2019, 195, 104358.	2.6	11
13	Identification and testing of early indicators for N leaching from urine patches. <i>Journal of Environmental Management</i> , 2013, 130, 55-63.	3.8	10
14	Potential benefits of diverse pasture swards for sheep and beef farming. <i>Agricultural Systems</i> , 2017, 154, 78-89.	3.2	7
15	Forage chicory model: Development and evaluation. <i>Field Crops Research</i> , 2020, 246, 107633.	2.3	7
16	How important is the description of soil unsaturated hydraulic conductivity values for simulating soil saturation level, drainage and pasture yield?. <i>Journal of Hydrology</i> , 2021, 598, 126257.	2.3	6
17	S-map parameters for APSIM. <i>MethodsX</i> , 2022, 9, 101632.	0.7	6
18	Treading compaction during winter grazing can increase subsequent nitrate leaching by enhancing drainage. <i>Soil and Tillage Research</i> , 2022, 221, 105424.	2.6	5

#	ARTICLE	IF	CITATIONS
19	A protocol to build soil descriptions for APSIM simulations. <i>MethodsX</i> , 2021, 8, 101566.	0.7	4
20	Simulation of management strategies to mitigate nitrogen losses from crop rotations in Southland, New Zealand. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4241-4249.	1.7	3