Joanna M Sharp

List of Publications by Year
in descending order

18 papers	1,775 citations	840119 11 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	2386 citing authors

#	Article	IF	Citations
1	S-map parameters for APSIM. MethodsX, 2022, 9, 101632.	0.7	6
2	A protocol to build soil descriptions for APSIM simulations. MethodsX, 2021, 8, 101566.	0.7	4
3	Ensemble modelling of carbon fluxes in grasslands and croplands. Field Crops Research, 2020, 252, 107791.	2.3	50
4	Predicting nitrogen supply from dairy effluent applied to contrasting soil types. New Zealand Journal of Agricultural Research, 2019, 62, 438-456.	0.9	2
5	Does Particulate Organic Matter Fraction Meet the Criteria for a Model Soil Organic Matter Pool?. Pedosphere, 2019, 29, 195-203.	2.1	13
6	Modelling soil-water dynamics in the rootzone of structured and water-repellent soils. Computers and Geosciences, 2018, 113, 33-42.	2.0	14
7	Assessing uncertainties in crop and pasture ensemble model simulations of productivity and N₂O emissions. Global Change Biology, 2018, 24, e603-e616.	4.2	104
8	Soil Organic Carbon and Nitrogen Feedbacks on Crop Yields under Climate Change. Agricultural and Environmental Letters, 2018, 3, 180026.	0.8	36
9	Review and analysis of strengths and weaknesses of agro-ecosystem models for simulating C and N fluxes. Science of the Total Environment, 2017, 598, 445-470.	3.9	157
10	Sources of variability in the effectiveness of winter cover crops for mitigating N leaching. Agriculture, Ecosystems and Environment, 2016, 220, 226-235.	2.5	48
11	Evaluating methods to simulate crop rotations for climate impact assessments â€“ A case study on the Canterbury plains of New Zealand. Environmental Modelling and Software, 2015, 72, 304-313.	1.9	34
12	APSIM â€“ Evolution towards a new generation of agricultural systems simulation. Environmental Modelling and Software, 2014, 62, 327-350.	1.9	1,173
13	Estimating the organic carbon stabilisation capacity and saturation deficit of soils: a New Zealand case study. Biogeochemistry, 2014, 120, 71-87.	1.7	105
14	A spatially explicit population model of the effect of spatial scale of heterogeneity in grassâ€“clover grazing systems. Journal of Agricultural Science, 2014, 152, 394-407.	0.6	6
15	Impact of spatial heterogeneity of plant species on herbage productivity, herbage quality and ewe and lamb performance of continuously stocked, perennial ryegrassâ€“white clover swards. Grass and Forage Science, 2013, 68, 537-547.	1.2	1
16	Building Development and Roads: Implications for the Distribution of Stone Curlews across the Brecks. PLoS ONE, 2013, 8, e72984.	1.1	14
17	Impact of the spatial scale of grassâ€“legume mixtures on sheep grazing behaviour, preference and intake, and subsequent effects on pasture. Animal, 2012, 6, 1848-1856.	1.3	7
18	Investigating time and economic costs of botrytis bunch rot sampling using interpolated data. New Zealand Plant Protection, 0, 72, 166-175.	0.3	1