

# Linda Lilburne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1862283/publications.pdf>

Version: 2024-02-01

16  
papers

460  
citations

1039880

9  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity analysis of spatial models. <i>International Journal of Geographical Information Science</i> , 2009, 23, 151-168.	2.2	202
2	Soil quality monitoring in New Zealand: development of an interpretative framework. <i>Agriculture, Ecosystems and Environment</i> , 2004, 104, 535-544.	2.5	49
3	The land use suitability concept: Introduction and an application of the concept to inform sustainable productivity within environmental constraints. <i>Ecological Indicators</i> , 2018, 91, 212-219.	2.6	48
4	Saturated hydraulic conductivity model computed from bimodal water retention curves for a range of New Zealand soils. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2725-2737.	1.9	28
5	Land use effects on soil hydraulic properties and the contribution of soil organic carbon. <i>Journal of Hydrology</i> , 2021, 602, 126741.	2.3	28
6	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
7	A prototype DSS to evaluate irrigation management plans. <i>Computers and Electronics in Agriculture</i> , 1998, 21, 195-205.	3.7	21
8	Computer-aided evaluation of methods to sample nitrate leached from grazed pasture. <i>Soil Use and Management</i> , 2012, 28, 19-26.	2.6	21
9	Deriving physical and unique bimodal soil Kosugi hydraulic parameters from inverse modelling. <i>Advances in Water Resources</i> , 2021, 153, 103933.	1.7	11
10	GIS, expert systems, and interoperability. <i>Transactions in GIS</i> , 1997, 2, 233-243.	1.0	7
11	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
12	S-map parameters for APSIM. <i>MethodsX</i> , 2022, 9, 101632.	0.7	6
13	HyPix: 1D physically based hydrological model with novel adaptive time-stepping management and smoothing dynamic criterion for controlling Newton-Raphson step. <i>Environmental Modelling and Software</i> , 2022, 153, 105386.	1.9	4
14	Developing an indicator of productive potential to assess land use suitability in New Zealand. <i>Environmental and Sustainability Indicators</i> , 2021, 11, 100128.	1.7	3
15	Soil Quality Indicators On The World Wide Web. <i>IFIP Advances in Information and Communication Technology</i> , 2000, , 131-141.	0.5	2
16	Improving Understanding and Management of Uncertainty in Science-Informed Collaborative Policy Processes. <i>Sustainability</i> , 2022, 14, 6041.	1.6	2