

# Helen Kettle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5727103/publications.pdf>

Version: 2024-02-01

15  
papers

921  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in microbial ecology: building predictive understanding of community function and dynamics. <i>ISME Journal</i> , 2016, 10, 2557-2568.	9.8	570
2	Modelling the emergent dynamics and major metabolites of the human colonic microbiota. <i>Environmental Microbiology</i> , 2015, 17, 1615-1630.	3.8	118
3	Empirical modeling of summer lake surface temperatures in southwest Greenland. <i>Limnology and Oceanography</i> , 2004, 49, 271-282.	3.1	57
4	Altitude-dependent differences in the primary physical response of mountain lakes to climatic forcing. <i>Limnology and Oceanography</i> , 2005, 50, 1313-1325.	3.1	49
5	A consideration of potential confounding factors limiting chemical and biological recovery at Lochnagar, a remote mountain loch in Scotland. <i>Journal of Limnology</i> , 2004, 63, 63.	1.1	25
6	microPop: Modelling microbial populations and communities in R. <i>Methods in Ecology and Evolution</i> , 2018, 9, 399-409.	5.2	23
7	Modeling ocean primary production: Sensitivity to spectral resolution of attenuation and absorption of light. <i>Progress in Oceanography</i> , 2008, 78, 135-146.	3.2	22
8	Rice ecosystem services in South-east Asia. <i>Paddy and Water Environment</i> , 2018, 16, 211-224.	1.8	20
9	stagePop: modelling stage-structured populations in r. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1484-1490.	5.2	15
10	pH feedback and phenotypic diversity within bacterial functional groups of the human gut. <i>Journal of Theoretical Biology</i> , 2014, 342, 62-69.	1.7	13
11	A process-based, stage-structured model of potato cyst nematode population dynamics: Effects of temperature and resistance. <i>Journal of Theoretical Biology</i> , 2021, 522, 110701.	1.7	3
12	Quantifying parasitoid and predator controls on rice hopper eggs using a dynamic stage-structured model and field data. <i>Journal of Applied Ecology</i> , 2019, 56, 2536-2550.	4.0	2
13	More accurate measurement of temperature in potato drills increases predicted potato cyst nematode population growth. <i>Plant Pathology</i> , 2022, 71, 1010-1019.	2.4	2
14	Fuzzy rules based model for solute dispersion in an open channel dead zone. <i>Journal of Hydroinformatics</i> , 2002, 4, 39-51.	2.4	1
15	Fuzzy rule-based model for contaminant transport in a natural river channel. <i>Journal of Hydroinformatics</i> , 2002, 4, 53-62.	2.4	0