

# Hugues Clivot

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5135512/publications.pdf>

Version: 2024-02-01

21  
papers

599  
citations

471061

17  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying in situ and modeling net nitrogen mineralization from soil organic matter in arable cropping systems. <i>Soil Biology and Biochemistry</i> , 2017, 111, 44-59.	4.2	68
2	Modeling soil organic carbon evolution in long-term arable experiments with AMG model. <i>Environmental Modelling and Software</i> , 2019, 118, 99-113.	1.9	62
3	Ensemble modelling, uncertainty and robust predictions of organic carbon in long-term bare-fallow soils. <i>Global Change Biology</i> , 2021, 27, 904-928.	4.2	52
4	Soil carbon storage and mineralization rates are affected by carbon inputs rather than physical disturbance: Evidence from a 47-year tillage experiment. <i>Agriculture, Ecosystems and Environment</i> , 2020, 299, 106972.	2.5	48
5	Impact of manufactured TiO <sub>2</sub> nanoparticles on planktonic and sessile bacterial communities. <i>Environmental Pollution</i> , 2015, 202, 196-204.	3.7	33
6	Toxicity of CeO <sub>2</sub> nanoparticles on a freshwater experimental trophic chain: A study in environmentally relevant conditions through the use of mesocosms. <i>Nanotoxicology</i> , 2016, 10, 1-11.	1.6	32
7	Effect of acidification on leaf litter decomposition in benthic and hyporheic zones of woodland streams. <i>Water Research</i> , 2012, 46, 6430-6444.	5.3	31
8	Impaired Leaf Litter Processing in Acidified Streams. <i>Microbial Ecology</i> , 2013, 65, 1-11.	1.4	30
9	Impact of CeO <sub>2</sub> nanoparticles on the functions of freshwater ecosystems: a microcosm study. <i>Environmental Science: Nano</i> , 2016, 3, 830-838.	2.2	30
10	Towards a simple global-standard bioassay for a key ecosystem process: organic-matter decomposition using cotton strips. <i>Ecological Indicators</i> , 2019, 106, 105466.	2.6	28
11	Long-term modelling of soil N mineralization and N fate using STICS in a 34-year crop rotation experiment. <i>Geoderma</i> , 2020, 357, 113956.	2.3	26
12	Changes in soil bacterial communities following liming of acidified forests. <i>Applied Soil Ecology</i> , 2012, 59, 116-123.	2.1	24
13	Additional carbon inputs to reach a 4 per 1000 objective in Europe: feasibility and projected impacts of climate change based on Century simulations of long-term arable experiments. <i>Biogeosciences</i> , 2021, 18, 3981-4004.	1.3	24
14	Phosphorus availability modulates the toxic effect of silver on aquatic fungi and leaf litter decomposition. <i>Aquatic Toxicology</i> , 2013, 144-145, 199-207.	1.9	21
15	Leaf-associated fungal diversity in acidified streams: insights from combining traditional and molecular approaches. <i>Environmental Microbiology</i> , 2014, 16, 2145-2156.	1.8	21
16	Dam-associated multiple-stressor impacts on fungal biomass and richness reveal the initial signs of ecosystem functioning impairment. <i>Ecological Indicators</i> , 2016, 60, 1077-1090.	2.6	21
17	Early effects of temperate agroforestry practices on soil organic matter and microbial enzyme activity. <i>Plant and Soil</i> , 2020, 453, 189-207.	1.8	21
18	Assessment of ecosystem services and natural capital dynamics in agroecosystems. <i>Ecosystem Services</i> , 2022, 54, 101415.	2.3	8

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19	Interactive effects of aluminium and phosphorus on microbial leaf litter processing in acidified streams: A microcosm approach. <i>Environmental Pollution</i> , 2014, 186, 67-74.	3.7	6
20	A robust initialization method for accurate soil organic carbon simulations. <i>Biogeosciences</i> , 2022, 19, 375-387.	1.3	6
21	Defining Quantitative Targets for Topsoil Organic Carbon Stock Increase in European Croplands: Case Studies With Exogenous Organic Matter Inputs. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	6