

# Pengfu Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4134224/publications.pdf>

Version: 2024-02-01

15  
papers

443  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	How does biochar aging affect NH <sub>3</sub> volatilization and GHGs emissions from agricultural soils?. <i>Environmental Pollution</i> , 2022, 294, 118598.	7.5	36
2	Continuous milk vetch amendment in rice-fallow rotation improves soil fertility and maintains rice yield without increasing CH <sub>4</sub> emissions: Evidence from a long-term experiment. <i>Agriculture, Ecosystems and Environment</i> , 2022, 325, 107774.	5.3	16
3	Warming increase the N <sub>2</sub> O emissions from wheat fields but reduce the wheat yield in a rice-wheat rotation system. <i>Agriculture, Ecosystems and Environment</i> , 2022, 337, 108064.	5.3	4
4	Green Manure Amendment in Paddies Improves Soil Carbon Sequestration but Cannot Substitute the Critical Role of N Fertilizer in Rice Production. <i>Agronomy</i> , 2022, 12, 1548.	3.0	4
5	Raw material of water-washed hydrochar was critical for the mitigation of GHGI in infertile paddy soil: a column experiment. <i>Biochar</i> , 2021, 3, 381-390.	12.6	13
6	Predicting the Ratio of Nitrification to Immobilization to Reflect the Potential Risk of Nitrogen Loss Worldwide. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7721-7730.	10.0	14
7	Deep fertilization with controlled-release fertilizer for higher cereal yield and N utilization in paddies: The optimal fertilization depth. <i>Agronomy Journal</i> , 2021, 113, 5027-5039.	1.8	14
8	Nutrient loss by runoff from rice-wheat rotation during the wheat season is dictated by rainfall duration. <i>Environmental Pollution</i> , 2021, 285, 117382.	7.5	19
9	Effect of fertilization on nitrogen losses through surface runoffs in Chinese farmlands: A meta-analysis. <i>Science of the Total Environment</i> , 2021, 793, 148554.	8.0	28
10	Win-win: Application of sawdust-derived hydrochar in low fertility soil improves rice yield and reduces greenhouse gas emissions from agricultural ecosystems. <i>Science of the Total Environment</i> , 2020, 748, 142457.	8.0	35
11	Application of systematic strategy for agricultural non-point source pollution control in Yangtze River basin, China. <i>Agriculture, Ecosystems and Environment</i> , 2020, 304, 107148.	5.3	65
12	Microalgae-derived hydrochar application on rice paddy soil: Higher rice yield but increased gaseous nitrogen loss. <i>Science of the Total Environment</i> , 2020, 717, 137127.	8.0	44
13	Effect of long term fertilization management strategies on methane emissions and rice yield. <i>Science of the Total Environment</i> , 2020, 725, 138261.	8.0	15
14	Yield and N Utilization of Transplanted and Direct-seeded Rice with Controlled or Slow-release Fertilizer. <i>Agronomy Journal</i> , 2019, 111, 1208-1217.	1.8	16
15	Combined controlled-released nitrogen fertilizers and deep placement effects of N leaching, rice yield and N recovery in machine-transplanted rice. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 402-412.	5.3	120