

# Xiaoping Xin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5870160/publications.pdf>

Version: 2024-02-01

16  
papers

528  
citations

759233

12  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

670  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH regulates key players of nitrification in paddy soils. <i>Soil Biology and Biochemistry</i> , 2015, 81, 9-16.	8.8	164
2	Nano-enabled agriculture: from nanoparticles to smart nanodelivery systems. <i>Environmental Chemistry</i> , 2020, 17, 413.	1.5	58
3	Use of Carbon Nanoparticles to Improve Soil Fertility, Crop Growth and Nutrient Uptake by Corn ( <i>Zea mays</i> ) Tj ETQq1 1 0.784314 $\mu\text{g BT} / \text{Ov}$	4.1	56
4	Use of polymeric nanoparticles to improve seed germination and plant growth under copper stress. <i>Science of the Total Environment</i> , 2020, 745, 141055.	8.0	44
5	Effect of iron oxide on nitrification in two agricultural soils with different pH. <i>Biogeosciences</i> , 2016, 13, 5609-5617.	3.3	31
6	Comparative assessment of polymeric and other nanoparticles impacts on soil microbial and biochemical properties. <i>Geoderma</i> , 2020, 367, 114278.	5.1	30
7	Efficiency of Biodegradable and pH-Responsive Polysuccinimide Nanoparticles (PSI-NPs) as Smart Nanodelivery Systems in Grapefruit: In Vitro Cellular Investigation. <i>Macromolecular Bioscience</i> , 2018, 18, e1800159.	4.1	28
8	Autotrophic and Heterotrophic Nitrification in a Highly Acidic Subtropical Pine Forest Soil. <i>Pedosphere</i> , 2016, 26, 904-910.	4.0	18
9	Phosphorus Availability and Release Pattern from Activated Dolomite Phosphate Rock in Central Florida. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4589-4596.	5.2	18
10	Carbon nanoparticles improve corn ( <i>Zea mays</i> L.) growth and soil quality: Comparison of foliar spray and soil drench application. <i>Journal of Cleaner Production</i> , 2022, 363, 132630.	9.3	18
11	Effects of Fe oxide on N transformations in subtropical acid soils. <i>Scientific Reports</i> , 2015, 5, 8615.	3.3	15
12	Manganese oxide affects nitrification and $\text{N}_2\text{O}$ emissions in a subtropical paddy soil with variable water regimes. <i>European Journal of Soil Science</i> , 2017, 68, 749-757.	3.9	13
13	Copper stress alleviation in corn ( <i>Zea mays</i> L.): Comparative efficiency of carbon nanotubes and carbon nanoparticles. <i>NanoImpact</i> , 2022, 25, 100381.	4.5	13
14	Manganese oxide affects nitrification and ammonia oxidizers in subtropical and temperate acid forest soils. <i>Catena</i> , 2016, 137, 24-30.	5.0	12
15	Transport and retention of polymeric and other engineered nanoparticles in porous media. <i>NanoImpact</i> , 2021, 24, 100361.	4.5	6
16	Distribution of nitrifiers and nitrification associated with different sizes of aggregates along a 2000-year chronosequence of rice cultivation. <i>Catena</i> , 2014, 119, 71-77.	5.0	4