

# Tao Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1994140/publications.pdf>

Version: 2024-02-01

17  
papers

1,271  
citations

687220

13  
h-index

887953

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction characteristics and kinetics of gallium in chlorination roasting of copper tailings using calcium chloride. <i>Rare Metals</i> , 2022, 41, 1063-1070.	3.6	11
2	Using soil minerals to investigate desert expansion in northern Shaanxi Province, China. <i>Aeolian Research</i> , 2020, 43, 100577.	1.1	4
3	Health risk assessment of heavy metals in agricultural soils and identification of main influencing factors in a typical industrial park in northwest China. <i>Chemosphere</i> , 2020, 252, 126591.	4.2	80
4	Response of soil physical, chemical and microbial biomass properties to land use changes in fixed desertified land. <i>Catena</i> , 2018, 160, 339-344.	2.2	59
5	Preparation and adsorption characteristics for heavy metals of active silicon adsorbent from leaching residue of lead-zinc tailings. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21233-21242.	2.7	14
6	Contaminant characteristics and environmental risk assessment of heavy metals in the paddy soils from lead (Pb)-zinc (Zn) mining areas in Guangdong Province, South China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24387-24399.	2.7	41
7	Identification of soil heavy metal sources and improvement in spatial mapping based on soil spectral information: A case study in northwest China. <i>Science of the Total Environment</i> , 2016, 565, 155-164.	3.9	177
8	Spatio-temporal variability of farmland soil organic matter and total nitrogen in the southern Loess Plateau, China: a case study in Heyang County. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	14
9	Pilot test of pollution control and metal resource recovery for acid mine drainage. <i>Water Science and Technology</i> , 2015, 72, 2308-2317.	1.2	14
10	Rapid identification of soil cadmium pollution risk at regional scale based on visible and near-infrared spectroscopy. <i>Environmental Pollution</i> , 2015, 206, 217-226.	3.7	105
11	The spatial distribution pattern of heavy metals and risk assessment of moso bamboo forest soil around lead-zinc mine in Southeastern China. <i>Soil and Tillage Research</i> , 2015, 153, 120-130.	2.6	86
12	Effects of sulfur on lead partitioning during sludge incineration based on experiments and thermodynamic calculations. <i>Waste Management</i> , 2015, 38, 336-348.	3.7	32
13	Aggregation and soil organic carbon fractions under different land uses on the tableland of the Loess Plateau of China. <i>Catena</i> , 2014, 115, 19-28.	2.2	121
14	Fixation and partitioning of heavy metals in slag after incineration of sewage sludge. <i>Waste Management</i> , 2012, 32, 957-964.	3.7	67
15	Temporal-spatial variability of desertification in an agro-pastoral transitional zone of northern Shaanxi Province, China. <i>Catena</i> , 2012, 88, 37-45.	2.2	60
16	Heavy metal sources identification and sampling uncertainty analysis in a field-scale vegetable soil of Hangzhou, China. <i>Environmental Pollution</i> , 2009, 157, 1003-1010.	3.7	136
17	Identification of trace element sources and associated risk assessment in vegetable soils of the urban-rural transitional area of Hangzhou, China. <i>Environmental Pollution</i> , 2008, 151, 67-78.	3.7	250