

# Xinjie Tong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2488564/publications.pdf>

Version: 2024-02-01

8  
papers

177  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyurethane foams based on crude glycerol-derived biopolyols: One-pot preparation of biopolyols with branched fatty acid ester chains and its effects on foam formation and properties. <i>Polymer</i> , 2014, 55, 6529-6538.	3.8	50
2	CFD modelling of airflow pattern and thermal environment in a commercial manure-belt layer house with tunnel ventilation. <i>Biosystems Engineering</i> , 2019, 178, 275-293.	4.3	29
3	Development of blend films from soy meal protein and crude glycerol-based waterborne polyurethane. <i>Industrial Crops and Products</i> , 2015, 67, 11-17.	5.2	28
4	Using CFD simulations to develop an upward airflow displacement ventilation system for manure-belt layer houses to improve the indoor environment. <i>Biosystems Engineering</i> , 2019, 178, 294-308.	4.3	24
5	CFD modeling of airflow, thermal environment, and ammonia concentration distribution in a commercial manure-belt layer house with mixed ventilation systems. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 281-299.	7.7	18
6	Spatial and Seasonal Variations of PM Concentration and Size Distribution in Manure-Belt Poultry Layer Houses. <i>Transactions of the ASABE</i> , 2019, 62, 415-427.	1.1	13
7	Mechanistic modelling of ammonia emission from laying hen manure at laboratory scale. <i>Biosystems Engineering</i> , 2020, 192, 24-41.	4.3	9
8	Development of a farm-scale, quasi-mechanistic model to estimate ammonia emissions from commercial manure-belt layer houses. <i>Biosystems Engineering</i> , 2020, 196, 67-87.	4.3	6