

# Nan Zhao

## List of Publications by Year in descending order

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25  
papers

346  
citations

840119

11  
h-index

839053

18  
g-index

26  
all docs

26  
docs citations

26  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural gas and electricity: Two perspective technologies of substituting coalâ€burning stoves for rural heating and cooking in Hebei Province of China. <i>Energy Science and Engineering</i> , 2019, 7, 120-131.	1.9	57
2	Comparative Transcriptome Analysis of Waterlogging-Sensitive and Waterlogging-Tolerant <i>Chrysanthemum morifolium</i> Cultivars under Waterlogging Stress and Reoxygenation Conditions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1455.	1.8	44
3	Influence of anaerobic digestion on the labile phosphorus in pig, chicken, and dairy manure. <i>Science of the Total Environment</i> , 2020, 737, 140234.	3.9	40
4	Direct combustion of waste oil in domestic stove by an internal heat re-circulation atomization technology: Emission and performance analysis. <i>Waste Management</i> , 2020, 104, 20-32.	3.7	26
5	The potential co-benefits for health, economy and climate by substituting raw coal with waste cooking oil as a winter heating fuel in rural households of northern China. <i>Environmental Research</i> , 2021, 194, 110683.	3.7	22
6	Regional industrial production's spatial distribution and water pollution control: A plant-level aggregation method for the case of a small region in China. <i>Science of the Total Environment</i> , 2009, 407, 4946-4953.	3.9	21
7	Field-based measurements of natural gas burning in domestic wall-mounted gas stove and estimates of climate, health and economic benefits in rural Baoding and Langfang regions of Northern China. <i>Atmospheric Environment</i> , 2020, 229, 117454.	1.9	21
8	Dynamic relationships between real-time fuel moisture content and combustion-emission-performance characteristics of wood pellets in a top-lit updraft cookstove. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101484.	2.8	18
9	The effect of coal size on PM <sub>2.5</sub> and PM-bound polycyclic aromatic hydrocarbon (PAH) emissions from a domestic natural cross-draft stove. <i>Journal of the Energy Institute</i> , 2020, 93, 542-551.	2.7	16
10	Characteristics and formation of nitrogen-containing products from the pyrolysis of maple wood and maize straw. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 163, 105462.	2.6	14
11	Air pollutant emissions from sludge-bituminous briquettes as a potential household energy source. <i>Case Studies in Thermal Engineering</i> , 2022, 37, 102251.	2.8	13
12	Nitrogen Migration during Pyrolysis of Raw and Acid Leached Maize Straw. <i>Sustainability</i> , 2021, 13, 3786.	1.6	7
13	Impacts of fuel feeding methods on the thermal and emission performance of modern coal burning stoves. <i>International Journal of Agricultural and Biological Engineering</i> , 2019, 12, 160-167.	0.3	7
14	Influence of Moisture Content on Physicomechanical Properties, Starch-Protein Microstructure and Fractal Parameter of Oat Groats. <i>International Journal of Food Engineering</i> , 2018, 14, .	0.7	6
15	Mechanical Properties of Hulless Barley Stem with Different Moisture Contents. <i>International Journal of Food Engineering</i> , 2019, 15, .	0.7	6
16	Evaluation of PAHs, PM <sub>2.5</sub> and gaseous emissions from solid fuel direct-fired and cross-draft stoves. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1318-1331.	1.8	6
17	Viscoelastic analysis of oat grain within linear viscoelastic region by using dynamic mechanical analyzer. <i>International Journal of Food Engineering</i> , 2020, 16, .	0.7	6
18	Upgrading Solid Digestate from Anaerobic Digestion of Agricultural Waste as Performance Enhancer for Starch-Based Mulching Biofilm. <i>Molecules</i> , 2021, 26, 832.	1.7	4

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19	Response of phosphorus speciation to organic loading rates and temperatures during anaerobic co-digestion of animal manures and wheat straw. <i>Science of the Total Environment</i> , 2022, 838, 155921.	3.9	4
20	Moisture migration analysis of Chinese naked oat during different storage conditions by sorption isotherm model and low-field NMR. <i>Food Science and Nutrition</i> , 2020, 8, 1729-1738.	1.5	3
21	Study on Mechanical Properties for Shearing Breakage of Oat Kernel. <i>International Journal of Food Engineering</i> , 2018, 14, .	0.7	2
22	Impact of fuel size on combustion performance and gaseous pollutant emissions from solid fuel in a domestic cross-draft gasifier stove. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-12.	1.8	2
23	Using Firm-Level Adjustment Model to Explore the Spatial Effect of Industrial Water Pollution Regulation. , 2009, , .		1
24	Modeling Firms' Location Choice in an Industrializing City: Spatial Effect of the Generalized Regional Plan. , 2009, , .		0
25	Thermal processing of biomass for energy and fuel production. <i>Advances in Bioenergy</i> , 2022, , .	0.5	0