

# Ning Wu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3433174/ning-wu-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69

papers

1,512

citations

22

h-index

36

g-index

73

ext. papers

1,817

ext. citations

5.3

avg, IF

4.84

L-index

#	Paper	IF	Citations
69	Farmers' Strategies to Climate Change and Urbanization: Potential of Ecosystem-Based Adaptation in Rural Chengdu, Southwest China.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
68	Covalent organic frameworks functionalized electrodes for simultaneous removal of UO and ReO with fast kinetics and high capacities by electro-adsorption.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 429, 128315	12.8	2
67	Multiple Effects of Topographic Factors on Spatio-Temporal Variations of Vegetation Patterns in the Three Parallel Rivers Region, Southeast Qinghai-Tibet Plateau. <i>Remote Sensing</i> , <b>2022</b> , 14, 151	5	2
66	Methane emissions respond to soil temperature in convergent patterns but divergent sensitivities across wetlands along altitude. <i>Global Change Biology</i> , <b>2021</b> , 27, 941-955	11.4	1
65	Electric-Field-Driven Assembly of Dipolar Spheres Asymmetrically Confined between Two Electrodes. <i>ACS Nano</i> , <b>2021</b> , 15, 2399-2412	16.7	3
64	Synthesis and Propulsion of Magnetic Dimers under Orthogonally Applied Electric and Magnetic Fields. <i>Langmuir</i> , <b>2021</b> , 37, 9151-9161	4	3
63	What Ecosystem Services Flowing from Linpan System's Cultural Landscape in Chengdu Plain, Southwest China. <i>Sustainability</i> , <b>2020</b> , 12, 4122	3.6	6
62	Variation in the Soil Prokaryotic Community Under Simulated Warming and Rainfall Reduction in Different Water Table Peatlands of the Zoige Plateau. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 343	5.7	2
61	Ethnic and Cultural Diversity amongst Yak Herding Communities in the Asian Highlands. <i>Sustainability</i> , <b>2020</b> , 12, 957	3.6	9
60	Prussian blue analogue functionalized magnetic microgels with ionized chitosan for the cleaning of cesium-contaminated clay. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 386, 121965	12.8	14
59	Transport of Colloidal Particles in Microscopic Porous Medium Analogues with Surface Charge Heterogeneity: Experiments and the Fundamental Role of Single-Bead Deposition. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 13651-13660	10.3	4
58	Reconfigurable microbots folded from simple colloidal chains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 18186-18193	11.5	17
57	Shifting dynamics of nature, society and agriculture in the Hindu Kush Himalayas: Perspectives for future mountain development. <i>Journal of Mountain Science</i> , <b>2019</b> , 16, 1133-1149	2.1	10
56	Changes in methane oxidation ability and methanotrophic community composition across different climatic zones. <i>Journal of Soils and Sediments</i> , <b>2019</b> , 19, 533-543	3.4	11
55	Functionalized Nanoparticles for the Dispersion of Gas Hydrates in Slurry Flow. <i>ACS Omega</i> , <b>2019</b> , 4, 13496-13508	3.9	5
54	Microwheels on Microroads: Enhanced Translation on Topographic Surfaces. <i>Science Robotics</i> , <b>2019</b> , 4,	18.6	19
53	Variation in physicochemical and biochemical soil properties among different plant species treatments early in the restoration of a desertified alpine meadow. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 1889-1903	4.4	6

52	The Impact of Stern-Layer Conductivity on the Electrohydrodynamic Flow Around Colloidal Motors under an Alternating Current Electric Field. <i>Advanced Intelligent Systems</i> , <b>2019</b> , 1, 1900096	6	10
51	Impacts of wise grazing on physicochemical and biological features of soil in a sandy grassland on the Tibetan Plateau. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 719-729	4.4	2
50	Holocene peatland development and carbon stock of Zoige peatlands, Tibetan Plateau: a modeling approach. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 2032-2043	3.4	4
49	Effect of chemical and physical heterogeneities on colloid-facilitated cesium transport. <i>Journal of Contaminant Hydrology</i> , <b>2018</b> , 213, 22-27	3.9	9
48	Superparamagnetic colloidal chains prepared via Michael-addition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 540, 23-28	5.1	5
47	Change the Collective Behaviors of Colloidal Motors by Tuning Electrohydrodynamic Flow at the Subparticle Level. <i>Langmuir</i> , <b>2018</b> , 34, 952-960	4	11
46	Outlook and future directions <b>2018</b> , 335-344		
45	Impacts of Land-Use and Climate Change on Ecosystem Service in Eastern Tibetan Plateau, China. <i>Sustainability</i> , <b>2018</b> , 10, 467	3.6	16
44	Directed assembly of anisotropic particles under external fields <b>2018</b> , 131-165		2
43	Electric-Field Assisted Assembly of Colloidal Particles into Ordered Nonclose-Packed Arrays. <i>Langmuir</i> , <b>2017</b> , 33, 5769-5776	4	24
42	Qinghai-Tibetan plateau peatland sustainable utilization under anthropogenic disturbances and climate change. <i>Ecosystem Health and Sustainability</i> , <b>2017</b> , 3, e01263	3.7	23
41	Magnetic Microlassos for Reversible Cargo Capture, Transport, and Release. <i>Langmuir</i> , <b>2017</b> , 33, 5932-5937		36
40	Colloidal molecules assembled from binary spheres under an AC electric field. <i>Soft Matter</i> , <b>2017</b> , 13, 436-444	3.6	15
39	Bead-Based Microfluidic Sediment Analogues: Fabrication and Colloid Transport. <i>Langmuir</i> , <b>2016</b> , 32, 9342-50	4	4
38	Tree growth acceleration and expansion of alpine forests: The synergistic effect of atmospheric and edaphic change. <i>Science Advances</i> , <b>2016</b> , 2, e1501302	14.3	46
37	Relationships between plant colonization and soil characteristics in the natural recovery of an earthquake-triggered debris flow gully in the Wanglang National Nature Reserve, China. <i>Journal of Mountain Science</i> , <b>2016</b> , 13, 59-68	2.1	2
36	Intense methane ebullition from open water area of a shallow peatland lake on the eastern Tibetan Plateau. <i>Science of the Total Environment</i> , <b>2016</b> , 542, 57-64	10.2	19
35	The Impact of Nonpolymerizable Swelling Agents On The Synthesis of Particles With Combined Geometric, Interfacial, and Compositional Anisotropy. <i>Langmuir</i> , <b>2015</b> , 31, 7962-9	4	12

34	Electric-field-induced assembly and propulsion of chiral colloidal clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 6307-12	11.5	110
33	Dynamics of evaporative colloidal patterning. <i>Physics of Fluids</i> , <b>2015</b> , 27, 092105	4.4	22
32	Inducing Propulsion of Colloidal Dimers by Breaking the Symmetry in Electrohydrodynamic Flow. <i>Physical Review Letters</i> , <b>2015</b> , 115, 208302	7.4	53
31	Bulk synthesis of metal-organic hybrid dimers and their propulsion under electric fields. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 4560-9	9.5	30
30	Unpalatable weed <i>Stellera chamaejasme</i> L. provides biotic refuge for neighboring species and conserves plant diversity in overgrazing alpine meadows on the Tibetan Plateau in China. <i>Journal of Mountain Science</i> , <b>2014</b> , 11, 746-754	2.1	9
29	Selecting the swimming mechanisms of colloidal particles: bubble propulsion versus self-diffusiophoresis. <i>Langmuir</i> , <b>2014</b> , 30, 3477-86	4	107
28	Colloidal structures of asymmetric dimers via orientation-dependent interactions. <i>Soft Matter</i> , <b>2014</b> , 10, 8349-57	3.6	24
27	Effects of warming on chlorophyll degradation and carbohydrate accumulation of Alpine herbaceous species during plant senescence on the Tibetan Plateau. <i>PLoS ONE</i> , <b>2014</b> , 9, e107874	3.7	37
26	Species-level phenological responses to global warming as evidenced by herbarium collections in the Tibetan Autonomous Region. <i>Biodiversity and Conservation</i> , <b>2013</b> , 22, 141-152	3.4	16
25	Formation of colloidal molecules induced by alternating-current electric fields. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 7839-42	16.4	44
24	Spatiotemporal Variations in Nitrous Oxide Emissions from an Open Fen on the Qinghai-Tibetan Plateau: a 3-Year Study. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 6025-6034	2.6	5
23	Monitoring vegetation recovery after China's May 2008 Wenchuan earthquake using Landsat TM time-series data: a case study in Mao County. <i>Ecological Research</i> , <b>2012</b> , 27, 955-966	1.9	23
22	The combined effects of warming and drying suppress CO <sub>2</sub> and N <sub>2</sub> O emission rates in an alpine meadow of the eastern Tibetan Plateau. <i>Ecological Research</i> , <b>2012</b> , 27, 725-733	1.9	46
21	Two-Dimensional Assembly of Symmetric Colloidal Dimers under Electric Fields. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 4334-4343	15.6	57
20	High Carbon Dioxide Evasion from an Alpine Peatland Lake: The Central Role of Terrestrial Dissolved Organic Carbon Input. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 2563-2569	2.6	15
19	Methane emissions from the surface of the Three Gorges Reservoir. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		133
18	Molecular cloning of a novel chimeric HMW glutenin subunit gene 1Dx5? from a common wheat line W958. <i>Molecular Breeding</i> , <b>2011</b> , 28, 163-170	3.4	10
17	Methane Fluxes from Alpine Wetlands of Zoige Plateau in Relation to Water Regime and Vegetation under Two Scales. <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 217, 173-183	2.6	26

16	Shrub island effects on a high-altitude forest cutover in the eastern Tibetan Plateau. <i>Annals of Forest Science</i> , <b>2011</b> , 68, 1127-1141	3.1	12
15	Predominance of Precipitation and Temperature Controls on Ecosystem CO <sub>2</sub> Exchange in Zoige Alpine Wetlands of Southwest China. <i>Wetlands</i> , <b>2011</b> , 31, 413-422	1.7	48
14	Growth and potential reproduction of <i>Poa crymophila</i> in response to season precipitation shortage in the Eastern Tibetan Plateau, China. <i>Russian Journal of Ecology</i> , <b>2010</b> , 41, 147-152	0.7	2
13	Nitrous Oxide Emissions from Newly Created Littoral Marshes in the Drawdown Area of the Three Gorges Reservoir, China. <i>Water, Air, and Soil Pollution</i> , <b>2010</b> , 211, 25-33	2.6	15
12	Testing the generality of the leafing intensity premium hypothesis in temperate broad-leaved forests: a survey of variation in leaf size within and between habitats. <i>Evolutionary Ecology</i> , <b>2010</b> , 24, 685-701	1.8	14
11	Within-twig biomass allocation in subtropical evergreen broad-leaved species along an altitudinal gradient: allometric scaling analysis. <i>Trees - Structure and Function</i> , <b>2009</b> , 23, 637-647	2.6	21
10	Photosynthetic response of <i>Fragaria orientalis</i> in different water contrast clonal integration. <i>Ecological Research</i> , <b>2009</b> , 24, 617-625	1.9	19
9	Effects of mixing pine and broadleaved tree/shrub litter on decomposition and N dynamics in laboratory microcosms. <i>Ecological Research</i> , <b>2009</b> , 24, 761-769	1.9	10
8	Analysis of dynamics and driving factors of wetland landscape in Zoige, Eastern Qinghai-Tibetan Plateau. <i>Journal of Mountain Science</i> , <b>2009</b> , 6, 42-55	2.1	28
7	Methane emissions from newly created marshes in the drawdown area of the Three Gorges Reservoir. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		81
6	Aftermath of the Wenchuan earthquake. <i>Frontiers in Ecology and the Environment</i> , <b>2009</b> , 7, 72-72	5.5	8
5	Determinants influencing seasonal variations of methane emissions from alpine wetlands in Zoige Plateau and their implications. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		62
4	Growth rate of mosses and their environmental determinants in subalpine coniferous forests and clear-cuts at the eastern edge of the Qinghai-Tibetan Plateau, China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , <b>2008</b> , 3, 171-176		4
3	Effect of snow-cover duration on plant species diversity of alpine meadows on the eastern Qinghai-Tibetan Plateau. <i>Journal of Mountain Science</i> , <b>2008</b> , 5, 327-339	2.1	20
2	Rangeland privatization and its impacts on the Zoige wetlands on the Eastern Tibetan Plateau. <i>Journal of Mountain Science</i> , <b>2005</b> , 2, 105-115	2.1	43
1	Integrated landscape approaches to building resilience and multifunctionality in the Kailash Sacred Landscape, China. <i>Journal of Mountain Science</i> , 1	2.1	