

# Linlin Wang

## List of Publications by Year in descending order

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35  
papers

1,196  
citations

393982

19  
h-index

377514

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1904  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cyanine Dye to Probe Mitophagy: Simultaneous Detection of Mitochondria and Autolysosomes in Live Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 12368-12374.	6.6	194
2	Contrasting responses of urban and rural surface energy budgets to heat waves explain synergies between urban heat islands and heat waves. <i>Environmental Research Letters</i> , 2015, 10, 054009.	2.2	157
3	Estimate of Boundary-Layer Depth Over Beijing, China, Using Doppler Lidar Data During SURF-2015. <i>Boundary-Layer Meteorology</i> , 2017, 162, 503-522.	1.2	69
4	Turbulent Transport of Momentum and Scalars Above an Urban Canopy. <i>Boundary-Layer Meteorology</i> , 2014, 150, 485-511.	1.2	60
5	Cooperative Sites in Fully Exposed Pd Clusters for Low-Temperature Direct Dehydrogenation Reaction. <i>ACS Catalysis</i> , 2021, 11, 11469-11477.	5.5	51
6	Imaging of Neurite Network with an Anti-L1CAM Aptamer Generated by Neurite-SELEX. <i>Journal of the American Chemical Society</i> , 2018, 140, 18066-18073.	6.6	49
7	Thiazole Orange-Modified Carbon Dots for Ratiometric Fluorescence Detection of G-Quadruplex and Double-Stranded DNA. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25166-25173.	4.0	49
8	A Mitochondria-Targeted Ratiometric Fluorescent pH Probe. <i>ACS Applied Bio Materials</i> , 2019, 2, 1368-1375.	2.3	41
9	A Bis(methylpiperazinylstyryl)phenanthroline as a Fluorescent Ligand for G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2016, 22, 6037-6047.	1.7	40
10	Cytotoxicity of guanine-based degradation products contributes to the antiproliferative activity of guanine-rich oligonucleotides. <i>Chemical Science</i> , 2015, 6, 3831-3838.	3.7	37
11	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3914-3918.	7.2	36
12	In vitro selection of DNA aptamers recognizing drug-resistant ovarian cancer by cell-SELEX. <i>Talanta</i> , 2019, 194, 437-445.	2.9	35
13	The impact of urbanization on wind speed and surface aerodynamic characteristics in Beijing during 1991-2011. <i>Meteorology and Atmospheric Physics</i> , 2018, 130, 311-324.	0.9	33
14	Contrasting characteristics of the surface energy balance between the urban and rural areas of Beijing. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 505-514.	1.9	31
15	UV-triggered thiol-disulfide exchange reaction towards tailored biodegradable hydrogels. <i>Polymer Chemistry</i> , 2016, 7, 1429-1438.	1.9	31
16	An Empirical Model for Estimating Soil Thermal Conductivity from Soil Water Content and Porosity. <i>Journal of Hydrometeorology</i> , 2016, 17, 601-613.	0.7	30
17	Oxidative degradation of polyamines by serum supplement causes cytotoxicity on cultured cells. <i>Scientific Reports</i> , 2018, 8, 10384.	1.6	28
18	Impacts of the near-surface urban boundary layer structure on PM2.5 concentrations in Beijing during winter. <i>Science of the Total Environment</i> , 2019, 669, 493-504.	3.9	28

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19	Seasonal and interannual variations of carbon exchange over a rice-wheat rotation system on the North China Plain. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1365-1380.	1.9	27
20	Rainfall Contribution of Tropical Cyclones in the Bay of Bengal between 1998 and 2016 using TRMM Satellite Data. <i>Atmosphere</i> , 2019, 10, 699.	1.0	21
21	Interaction of bisbenzimidazole-substituted carbazole derivatives with G-quadruplexes and living cells. <i>RSC Advances</i> , 2015, 5, 75911-75917.	1.7	19
22	A Nucleus-Targeting DNA Aptamer for Dead Cell Indication. <i>ACS Sensors</i> , 2019, 4, 1612-1618.	4.0	19
23	Temporal characteristics of carbon dioxide and ozone over a rural-cropland area in the Yangtze River Delta of eastern China. <i>Science of the Total Environment</i> , 2021, 757, 143750.	3.9	16
24	Soil Apparent Thermal Diffusivity Estimated by Conduction and by Conduction-Convection Heat Transfer Models. <i>Journal of Hydrometeorology</i> , 2017, 18, 109-118.	0.7	14
25	On the surface fluxes characteristics and roughness lengths at Zhongshan station, Antarctica. <i>International Journal of Digital Earth</i> , 2019, 12, 878-892.	1.6	13
26	Ratiometric fluorescent silver nanoclusters for the determination of mercury and copper ions. <i>Analytical Methods</i> , 2015, 7, 8019-8024.	1.3	12
27	The Mechanism of the Selective Antiproliferation Effect of Guanine-Based Biomolecules and Its Compensation. <i>ACS Chemical Biology</i> , 2019, 14, 1164-1173.	1.6	12
28	Determination of Desert Soil Apparent Thermal Diffusivity Using a Conduction-Convection Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9569-9578.	1.2	10
29	Vertical Gradient Variations in Radiation Budget and Heat Fluxes in the Urban Boundary Layer: A Comparison Study Between Polluted and Clean Air Episodes in Beijing During Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032478.	1.2	10
30	Flow Cytometric Bead Sandwich Assay Based on a Split Aptamer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2312-2318.	4.0	6
31	Measurements of turbulence transfer in the near-surface layer over the Antarctic sea-ice surface from April through November in 2016. <i>Annals of Glaciology</i> , 2020, 61, 12-23.	2.8	6
32	Radiosonde-Observed Vertical Profiles and Increasing Trends of Temperature and Humidity during 2005-2018 at the South Pole. <i>Atmosphere</i> , 2019, 10, 365.	1.0	4
33	Katabatic Flow Structures Indicative of the Flux Dissimilarity for Stable Stratification. <i>Boundary-Layer Meteorology</i> , 2022, 182, 379-415.	1.2	3
34	Controlled cross-linking strategy for formation of hydrogels, microgels and nanogels. <i>Journal of Controlled Release</i> , 2015, 213, e25.	4.8	2
35	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie</i> , 2016, 128, 3982-3986.	1.6	2