

Linlin Wang

List of Publications by Year in Descending Order

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

35
papers

805
citations

17
h-index

28
g-index

36
ext. papers

1,024
ext. citations

6.3
avg, IF

4.08
L-index

#	Paper	IF	Citations
35	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	10.2	5
34	Cooperative Sites in Fully Exposed Pd Clusters for Low-Temperature Direct Dehydrogenation Reaction. <i>ACS Catalysis</i> , 2021 , 11, 11469-11477	13.1	12
33	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	2.5	5
32	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	4.4	5
31	A Nucleus-Targeting DNA Aptamer for Dead Cell Indication. <i>ACS Sensors</i> , 2019 , 4, 1612-1618	9.2	11
30	The Mechanism of the Selective Antiproliferation Effect of Guanine-Based Biomolecules and Its Compensation. <i>ACS Chemical Biology</i> , 2019 , 14, 1164-1173	4.9	6
29	Impacts of the near-surface urban boundary layer structure on PM concentrations in Beijing during winter. <i>Science of the Total Environment</i> , 2019 , 669, 493-504	10.2	19
28	Radiosonde-Observed Vertical Profiles and Increasing Trends of Temperature and Humidity during 2005-2018 at the South Pole. <i>Atmosphere</i> , 2019 , 10, 365	2.7	1
27	A Mitochondria-Targeted Ratiometric Fluorescent pH Probe. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1368-1375	7.5	18
26	Rainfall Contribution of Tropical Cyclones in the Bay of Bengal between 1998 and 2016 using TRMM Satellite Data. <i>Atmosphere</i> , 2019 , 10, 699	2.7	7
25	In vitro selection of DNA aptamers recognizing drug-resistant ovarian cancer by cell-SELEX. <i>Talanta</i> , 2019 , 194, 437-445	6.2	25
24	On the surface fluxes characteristics and roughness lengths at Zhongshan station, Antarctica. <i>International Journal of Digital Earth</i> , 2019 , 12, 878-892	3.9	11
23	Flow Cytometric Bead Sandwich Assay Based on a Split Aptamer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2312-2318	9.5	4
22	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	2	24
21	Thiazole Orange-Modified Carbon Dots for Ratiometric Fluorescence Detection of G-Quadruplex and Double-Stranded DNA. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25166-25173	9.5	33
20	Oxidative degradation of polyamines by serum supplement causes cytotoxicity on cultured cells. <i>Scientific Reports</i> , 2018 , 8, 10384	4.9	13
19	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	16.4	30

18	Determination of Desert Soil Apparent Thermal Diffusivity Using a Conduction-Convection Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 9569-9578	4.4	5
17	Soil Apparent Thermal Diffusivity Estimated by Conduction and by Conduction-Convection Heat Transfer Models. <i>Journal of Hydrometeorology</i> , 2017 , 18, 109-118	3.7	8
16	Estimate of Boundary-Layer Depth Over Beijing, China, Using Doppler Lidar Data During SURF-2015. <i>Boundary-Layer Meteorology</i> , 2017 , 162, 503-522	3.4	46
15	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, 12368-74	16.4	149
14	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie</i> , 2016 , 128, 3982-3986	3.6	2
13	An Empirical Model for Estimating Soil Thermal Conductivity from Soil Water Content and Porosity. <i>Journal of Hydrometeorology</i> , 2016 , 17, 601-613	3.7	20
12	UV-triggered thiol-disulfide exchange reaction towards tailored biodegradable hydrogels. <i>Polymer Chemistry</i> , 2016 , 7, 1429-1438	4.9	26
11	Intercellular Connections Related to Cell-Cell Crosstalk Specifically Recognized by an Aptamer. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3914-8	16.4	31
10	A Bis(methylpiperazinylstyryl)phenanthroline as a Fluorescent Ligand for G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6037-47	4.8	35
9	Controlled cross-linking strategy for formation of hydrogels, microgels and nanogels. <i>Journal of Controlled Release</i> , 2015 , 213, e25	11.7	1
8	Interaction of bisbenzimidazole-substituted carbazole derivatives with G-quadruplexes and living cells. <i>RSC Advances</i> , 2015 , 5, 75911-75917	3.7	19
7	Ratiometric fluorescent silver nanoclusters for the determination of mercury and copper ions. <i>Analytical Methods</i> , 2015 , 7, 8019-8024	3.2	11
6	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	2.9	16
5	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	6.2	111
4	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	2.9	19
3	Cytotoxicity of guanine-based degradation products contributes to the antiproliferative activity of guanine-rich oligonucleotides. <i>Chemical Science</i> , 2015 , 6, 3831-3838	9.4	27
2	Turbulent Transport of Momentum and Scalars Above an Urban Canopy. <i>Boundary-Layer Meteorology</i> , 2014 , 150, 485-511	3.4	48
1	Katabatic Flow Structures Indicative of the Flux Dissimilarity for Stable Stratification. <i>Boundary-Layer Meteorology</i> , 2014 , 150, 485-511	3.4	1

