Jia-Ying Wang

List of Publications by Year
in descending order

15	116	1684188 5	1720034 7
papers	citations	h-index	g-index

15	15	15	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel indoor smell regulation method. AIP Advances, 2020, 10, 105226.	1.3	1
2	An Aero-olfactory-Effect Elimination Algorithm for Rotor UAV based Gas Distribution Mapping. , 2020, , .		3
3	Latticed mode: A new control strategy for wind field simulation in a multiple-fan wind tunnel. Review of Scientific Instruments, 2019, 90, 085104.	1.3	2
4	An Infotaxis-based Odor Source Searching Strategy for a Mobile Robot Equipped with a TDLAS Gas Sensor. , 2019, , .		6
5	A multiple-fan active control wind tunnel for outdoor wind speed and direction simulation. Review of Scientific Instruments, 2018, 89, 035108.	1.3	10
6	Experimental Verification of an Aerodynamic Olfactory Effect Model for the Simulation of Gas-Sensitive Rotorcrafts. , 2018, , .		2
7	A Wind Estimation Method with an Unmanned Rotorcraft for Environmental Monitoring Tasks. Sensors, 2018, 18, 4504.	3.8	29
8	A Flying Odor Compass to Autonomously Locate the Gas Source. IEEE Transactions on Instrumentation and Measurement, 2017, , 1-13.	4.7	13
9	Multivariate order recurrence network for analyzing cross-correlation of the wind field and the gas concentration field. , 2016, , .		1
10	Superfamilies of networks for analyzing the correlations of different flow fields. , 2016, , .		0
11	Comparison of complexity between indoor and outdoor wind speed time series. , 2016, , .		1
12	Simulate the aerodynamic olfactory effects of gas-sensitive UAVs: A numerical model and its parallel implementation. Advances in Engineering Software, 2016, 102, 123-133.	3.8	24
13	Community structure detection in complex networks for characterizing atmospheric boundary-layer wind speed time series. , 2016, , .		6
14	Distributed Sequential Location Estimation of a Gas Source via Convex Combination in WSNs. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1484-1494.	4.7	13
15	Learning to Rapidly Re-Contact the Lost Plume in Chemical Plume Tracing. Sensors, 2015, 15, 7512-7536.	3.8	5