

# Ben-Jei Tsuang

## List of Publications by Year in descending order

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29  
papers

657  
citations

623734

14  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1036  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Relationship Between Air Pollution and Lung Cancer in Nonsmokers in Taiwan. <i>Journal of Thoracic Oncology</i> , 2019, 14, 784-792.	1.1	120
2	The Madden-Julian Oscillation in a warmer world. <i>Geophysical Research Letters</i> , 2015, 42, 6034-6042.	4.0	48
3	Adult atopic dermatitis and exposure to air pollutants—a nationwide population-based study. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 351-355.	1.0	48
4	Resolving the upper-ocean warm layer improves the simulation of the Madden-Julian oscillation. <i>Climate Dynamics</i> , 2015, 44, 1487-1503.	3.8	42
5	Surface Energy Components and Land Characteristics of a Rice Paddy. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 1879-1900.	1.5	39
6	East China Sea increasingly gains limiting nutrient P from South China Sea. <i>Scientific Reports</i> , 2019, 9, 5648.	3.3	37
7	Tropical SST forcing on the anomalous WNP subtropical high during July–August 2010 and the record-high SST in the tropical Atlantic. <i>Climate Dynamics</i> , 2015, 45, 633-650.	3.8	33
8	Island-based catchment? The Taiwan example. <i>Regional Environmental Change</i> , 2004, 4, 39-48.	2.9	28
9	Quantification on the source/receptor relationship of primary pollutants and secondary aerosols by a Gaussian plume trajectory model: Part I—theory. <i>Atmospheric Environment</i> , 2003, 37, 3981-3991.	4.1	26
10	Compositions and source apportionments of atmospheric aerosol during Asian dust storm and local pollution in central Taiwan. <i>Journal of Atmospheric Chemistry</i> , 2008, 61, 155-173.	3.2	25
11	Cool-skin simulation by a one-column ocean model. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	23
12	Ground Heat Flux Determination according to Land Skin Temperature Observations from In Situ Stations and Satellites. <i>Journal of Hydrometeorology</i> , 2005, 6, 371-390.	1.9	21
13	Evaluations of Land–Ocean Skin Temperatures of the ISCCP Satellite Retrievals and the NCEP and ERA Reanalyses. <i>Journal of Climate</i> , 2008, 21, 308-330.	3.2	19
14	A more accurate scheme for calculating Earth’s skin temperature. <i>Climate Dynamics</i> , 2009, 32, 251-272.	3.8	16
15	Quantification of climatic feedbacks on the Caspian Sea level variability and impacts from the Caspian Sea on the large-scale atmospheric circulation. <i>Theoretical and Applied Climatology</i> , 2019, 136, 475-488.	2.8	16
16	Quantification on source/receptor relationship of primary pollutants and secondary aerosols from ground sources—Part II. Model description and case study. <i>Atmospheric Environment</i> , 2002, 36, 421-434.	4.1	15
17	Model structure and land parameter identification: An inverse problem approach. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 15-1-ACL 15-13.	3.3	14
18	Measurements of Aerodynamic Roughness, Bowen Ratio, and Atmospheric Surface Layer Height by Eddy Covariance and Tethersonde Systems Simultaneously over a Heterogeneous Rice Paddy. <i>Journal of Hydrometeorology</i> , 2010, 11, 452-466.	1.9	13

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19	Combined effect of rice genotypes and soil characteristics on iron plaque formation related to Pb uptake by rice in paddy soils. <i>Journal of Soils and Sediments</i> , 2016, 16, 150-158.	3.0	13
20	Retrospective assessment of air quality management practices in Taiwan. <i>Atmospheric Environment</i> , 2009, 43, 3925-3934.	4.1	11
21	Health impact assessment of PM2.5 from a planned coal-fired power plant in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1494-1503.	1.7	11
22	Analytical asymptotic solutions to determine interactions between the planetary boundary layer and the Earth's surface. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	10
23	Relationship between exposure to air pollutants and development of systemic autoimmune rheumatic diseases: a nationwide population-based case-control study. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1288-1291.	0.9	9
24	Dose estimation for nuclear power plant 4 accident in Taiwan at Fukushima nuclear meltdown emission level. <i>Journal of Environmental Radioactivity</i> , 2016, 155-156, 71-83.	1.7	7
25	Observation and Simulation of Meteorology and Surface Energy Components over the South China Sea in Summers of 2004 and 2006. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2010, 21, 325.	0.6	5
26	Boundary Layer Characteristics Over Complex Terrain in Central Taiwan: Observations and Numerical Modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
27	Impact of Effective Roughness Length on Mesoscale Meteorological Simulations over Heterogeneous Land Surfaces in Taiwan. <i>Atmosphere</i> , 2019, 10, 805.	2.3	3
28	County-Wide Mortality Assessments Attributable to PM2.5 Emissions from Coal Consumption in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1599.	2.6	1
29	The role of air-sea coupling on November-April intraseasonal rainfall variability over the South Pacific. <i>Climate Dynamics</i> , 2023, 60, 1121-1136.	3.8	0