

# Ian P Kraucunas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3616458/publications.pdf>

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14  
papers

1,209  
citations

933264

10  
h-index

1199470

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving our fundamental understanding of the role of aerosol-cloud interactions in the climate system. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5781-5790.	3.3	479
2	The Tropical Dynamical Response to Latent Heating Estimates Derived from the TRMM Precipitation Radar. Journals of the Atmospheric Sciences, 2004, 61, 1341-1358.	0.6	326
3	Investigating the nexus of climate, energy, water, and land at decision-relevant scales: the Platform for Regional Integrated Modeling and Analysis (PRIMA). Climatic Change, 2015, 129, 573-588.	1.7	119
4	Equatorial Superrotation and the Factors Controlling the Zonal-Mean Zonal Winds in the Tropical Upper Troposphere. Journals of the Atmospheric Sciences, 2005, 62, 371-389.	0.6	64
5	Tropical Zonal Momentum Balance in the NCEP Reanalyses. Journals of the Atmospheric Sciences, 2005, 62, 2499-2513.	0.6	63
6	A modeling study of coastal inundation induced by storm surge, sea-level rise, and subsidence in the Gulf of Mexico. Natural Hazards, 2014, 71, 1771-1794.	1.6	54
7	Tropical Stationary Waves in a Nonlinear Shallow-Water Model with Realistic Basic States. Journals of the Atmospheric Sciences, 2007, 64, 2540-2557.	0.6	26
8	Sensitivity of Regulated Flow Regimes to Climate Change in the Western United States. Journal of Hydrometeorology, 2018, 19, 499-515.	0.7	22
9	Simulated building energy demand biases resulting from the use of representative weather stations. Applied Energy, 2018, 209, 516-528.	5.1	16
10	Calibration and analysis of the uncertainty in downscaling global land use and land cover projections from GCAM using Demeter (v1.0.0). Geoscientific Model Development, 2019, 12, 1753-1764.	1.3	15
11	A multi-scale calibration approach for process-oriented aggregated building energy demand models. Energy and Buildings, 2019, 191, 82-94.	3.1	10
12	Evaluating penalized logistic regression models to predict Heat-Related Electric grid stress days. Applied Energy, 2017, 205, 1408-1418.	5.1	9
13	<title>Fiber optic raman probe detection of chlorinated hydrocarbons in standard soils</title>., , 1994, , .		6
14	Responding to Climate Change: "America's Climate Choices" Lays Out Options. Environment, 2011, 53, 18-32.	0.8	0