

Anil Kumar

List of Publications by Year in descending order

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20
papers

2,394
citations

623188

14
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

3349
citing authors

#	ARTICLE	IF	CITATIONS
1	The community Noah land surface model with multiparameterization options (Noah-MP): 1. Model description and evaluation with local-scale measurements. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	1,626
2	Analysis of the 26 July 2005 heavy rain event over Mumbai, India using the Weather Research and Forecasting (WRF) model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008, 134, 1897-1910.	1.0	123
3	Summer monsoon convection in the Himalayan region: terrain and land cover effects. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 593-616.	1.0	118
4	The role of land surface processes on the mesoscale simulation of the July 26, 2005 heavy rain event over Mumbai, India. <i>Global and Planetary Change</i> , 2009, 67, 87-103.	1.6	94
5	Potential impacts of aerosol-land-atmosphere interactions on the Indian monsoonal rainfall characteristics. <i>Natural Hazards</i> , 2007, 42, 345-359.	1.6	60
6	Assessing Impacts of Integrating MODIS Vegetation Data in the Weather Research and Forecasting (WRF) Model Coupled to Two Different Canopy-Resistance Approaches. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1362-1380.	0.6	53
7	Simulation of a Flash Flooding Storm at the Steep Edge of the Himalayas*. <i>Journal of Hydrometeorology</i> , 2014, 15, 212-228.	0.7	51
8	Possible relation between land surface feedback and the post-landfall structure of monsoon depressions. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	48
9	Estimation of the Minimum Canopy Resistance for Croplands and Grasslands Using Data from the 2002 International H2O Project. <i>Monthly Weather Review</i> , 2008, 136, 4452-4469.	0.5	47
10	Evaluation of a Photosynthesis-Based Canopy Resistance Formulation in the Noah Land-Surface Model. <i>Boundary-Layer Meteorology</i> , 2011, 138, 263-284.	1.2	36
11	Comparison of Simulated and Observed Continental Tropical Anvil Clouds and Their Radiative Heating Profiles. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2662-2681.	0.6	34
12	Sensitivity of inland decay of North Atlantic tropical cyclones to soil parameters. <i>Natural Hazards</i> , 2012, 63, 1527-1542.	1.6	26
13	The role of anomalous soil moisture on the inland reintensification of Tropical Storm Erin (2007). <i>Natural Hazards</i> , 2012, 63, 1573-1600.	1.6	26
14	Evaluation of standardized <i>Bacopa monniera</i> extract in sodium fluoride-induced behavioural, biochemical, and histopathological alterations in mice. <i>Toxicology and Industrial Health</i> , 2015, 31, 18-30.	0.6	17
15	Study of reservoir effect of clobetasol propionate cream in an experimental animal model using histamine-induced wheal suppression test. <i>Indian Journal of Dermatology</i> , 2010, 55, 329.	0.1	13
16	Herbex-Kid Inhibits Immediate Hypersensitivity Reactions in Mice and Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2008, 5, 289-294.	0.5	7
17	The Purdue Agro-climatic (PAC) dataset for the U.S. Corn Belt: Development and initial results. <i>Climate Risk Management</i> , 2017, 15, 61-72.	1.6	7
18	Comparison of reservoir effect of topical corticosteroids in an experimental animal model by histamine-induced wheal suppression test. <i>Indian Journal of Pharmacology</i> , 2012, 44, 722.	0.4	4

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19	Assessment of a Long-Term High-Resolution Hydroclimatic Dataset for the U.S. Midwest. Earth Interactions, 2017, 21, 1-31.	0.7	4
20	Understanding hydrologic sensitivity and land-atmosphere interactions through remote sensing and high resolution regional model. Proceedings of SPIE, 2016, , .	0.8	0