Yaswant Pradhan

List of Publications by Year
in descending order

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28 papers	1,395 citations	430874 18 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	2235 citing authors

#	Article	IF	Citations
1	Observation and modeling of the historic â€œGodzillaâ€•African dust intrusion into the Caribbean Basin and the southern US in June 2020. Atmospheric Chemistry and Physics, 2021, 21, 12359-12383.	4.9	27
2	Models transport Saharan dust too low in the atmosphere: a comparison of the MetUM and CAMS forecasts with observations. Atmospheric Chemistry and Physics, 2020, 20, 12955-12982.	4.9	24
3	Current state of the global operational aerosol multiâ€model ensemble: An update from the International Cooperative for Aerosol Prediction (ICAP). Quarterly Journal of the Royal Meteorological Society, 2019, 145, 176-209.	2.7	66
4	Studies on mineral dust using airborne lidar, ground-based remote sensing, and in situ instrumentation. EPJ Web of Conferences, 2018, 176, 10001.	0.3	0
5	From Tropospheric Folding to Khamsin and Foehn Winds: How Atmospheric Dynamics Advanced a Record-Breaking Dust Episode in Crete. Atmosphere, 2018, 9, 240.	2.3	49
6	Sensing coral reef connectivity pathways from space. Scientific Reports, 2017, 7, 9338.	3.3	65
7	Seasonal phytoplankton blooms in the Gulf of Aden revealed by remote sensing. Remote Sensing of Environment, 2017, 189, 56-66.	11.0	37
8	Development of a Dust Assimilation System for NMM-DREAM Model Based on MSG-SEVIRI Satellite Observations. Springer Atmospheric Sciences, 2017, , 801-807.	0.3	0
9	Monsoon oscillations regulate fertility of the Red Sea. Geophysical Research Letters, 2015, 42, 855-862.	4.0	96
10	Development towards a global operational aerosol consensus: basic climatological characteristics of the International Cooperative for Aerosol Prediction Multi-Model Ensemble (ICAP-MME). Atmospheric Chemistry and Physics, 2015, 15, 335-362.	4.9	76
11	Corrigendum to "Development towards a global operational aerosol consensus: basic climatological characteristics of the International Cooperative for Aerosol Prediction Multi-Model Ensemble (ICAP-MME)" published in Atmos. Chem. Phys., 15, 335â€“362, 2015. Atmospheric Chemistry and Physics, 2015, 15, 2533-2534.	4.9	2
12	Mineral dust aerosol net direct radiative effect during GERBILS field campaign period derived from SEVIRI and GERB. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4070-4086.	3.3	16
13	From silk to satellite: half a century of ocean colour anomalies in the Northeast Atlantic. Global Change Biology, 2014, 20, 2117-2123.	9.5	29
14	Comparison of chlorophyll in the Red Sea derived from MODIS-Aqua and in vivo fluorescence. Remote Sensing of Environment, 2013, 136, 218-224.	11.0	67
15	Remote Sensing the Phytoplankton Seasonal Succession of the Red Sea. PLoS ONE, 2013, 8, e64909.	2.5	240
16	An assessment of chlorophyll-a algorithms available for SeaWiFS in coastal and open areas of the Bay of Bengal and Arabian Sea. Remote Sensing of Environment, 2011, 115, 2277-2291.	11.0	63
17	Phytoplankton pigments and functional types in the Atlantic Ocean: A decadal assessment, 1995â€“2005. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 899-917.	1.4	151
18	Warm pool thermodynamics from the Arabian Sea Monsoon Experiment (ARMEX). Journal of Geophysical Research, 2008, 113, .	3.3	18

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19	Variations in the Phytoplankton of the North-Eastern Atlantic Ocean: From the Irish Sea to the Bay of Biscay. , 2008, , 67-78.		6
20	A longâ€term chlorophyll dataset reveals regime shift in North Sea phytoplankton biomass unconnected to nutrient levels. Limnology and Oceanography, 2007, 52, 635-648.	3.1	170
21	Influence of the macrotidal environment on the source to sink pathways of suspended flux in the Gulf of Kachchh, India: evidence from the Ocean Colour Monitor (IRSâ€P4). International Journal of Remote Sensing, 2007, 28, 3323-3339.	2.9	7
22	Analysis of SeaWiFS Chlorophyll-a Matchups for the Atlantic Ocean using the Atlantic Meridional Transect Cruise Data. , 2007, , .		0
23	Seasonal and inter-annual variability of chlorophyll-a concentration in the Mauritanian upwelling: Observation of an anomalous event during 1998â€“1999. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 1548-1559.	1.4	46
24	Coccolithophore bloom size variation in response to the regional environment of the subarctic North Atlantic. Limnology and Oceanography, 2006, 51, 2122-2130.	3.1	83
25	Radiant heating rates and surface biology during the Arabian Sea Monsoon Experiment. Journal of Geophysics and Engineering, 2005, 2, 16-22.	1.4	3
26	Improved regional algorithm to retrieve total suspended particulate matter using IRS-P4 ocean colour monitor data. Journal of Optics, 2005, 7, 343-349.	1.5	18
27	Weekly observations on dispersal and sink pathways of the terrigenous flux of the Gangaâ€“Brahmaputra in the Bay of Bengal during NE monsoon. Deep-Sea Research Part II: Topical Studies in Oceanography, 2005, 52, 2018-2030.	1.4	16
28	Retrieval of sea surface velocities using sequential Ocean Colour Monitor (OCM) data. Journal of Earth System Science, 2002, 111, 189-195.	1.3	16