

Krishna Prasad Vadrevu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

1,823

citations

28

h-index

42

g-index

72

ext. papers

2,154

ext. citations

4.9

avg, IF

5.28

L-index

#	Paper	IF	Citations
62	Agricultural Drought Assessment Using Remote Sensing, with Special Emphasis on India 2022 , 309-332		
61	Agricultural Land Use/Cover Changes in the Vientiane, Laos 2022 , 573-586		
60	Agricultural Information Needs and Research Priorities for Remote Sensing in South and Southeast Asian Countries 2022 , 1-29		
59	Agricultural Fires in South Asian Countries and Implications 2022 , 501-516		
58	Agricultural Intensity Assessment in Punjab, India Using Food Security Metrics and Remote Sensing Data 2022 , 419-436		
57	South/Southeast Asia Research Initiative (SARI) and Agricultural Research Projects 2022 , 33-51		
56	Agricultural Transformation and Deforestation in Shan State, Myanmar 2022 , 487-500		
55	Contemporary forest loss in Myanmar: Effect of democratic transition and subsequent timber bans on landscape structure and composition. <i>Ambio</i> , 2021 , 50, 914-928	6.5	8
54	Burnt Area Mapping in Nainital, Uttarakhand, India, Using Very High-Resolution PlanetScope Imagery 2021 , 91-103		
53	Peatland Surface Loss due to Fires in Central Kalimantan, Indonesia [A Case Study Using Differential Interferometry SAR (DInSAR) 2021 , 77-90		
52	Spatial Point Patterns and Scale Analysis of Vegetation Fires in Laos and Cambodia 2021 , 117-132		
51	Fire Danger Indices and Methods: An Appraisal 2021 , 201-232		
50	An Assessment of Burnt Area Signal Variations in Laos Using Sentinel-1A&B Datasets 2021 , 61-76		
49	Evaluation of Sentinel-3 SLSTR Data for Mapping Fires in Forests, Peatlands, and Croplands [A Case Study over Australia, Indonesia, and India 2021 , 39-59		
48	PM2.5 Emissions from Biomass Burning in South/Southeast Asia [Uncertainties and Trade-Offs 2021 , 149-169		5
47	Biomass Burning in South/Southeast Asia [Needs and Priorities 2021 , 1-21		
46	Vegetation Fire Status and Management in Bhutan 2021 , 135-157		

45	Wheat Area Mapping in Afghanistan Based on Optical and SAR Time-Series Images in Google Earth Engine Cloud Environment. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	5
44	Focus on land use cover changes and environmental impacts in South/Southeast Asia. <i>Environmental Research Letters</i> , 2020 , 15, 100201	6.2	2
43	Above-ground biomass mapping in West African dryland forest using Sentinel-1 and 2 datasets - A case study. <i>Remote Sensing of Environment</i> , 2020 , 236, 111496	13.2	38
42	Spatial and temporal variations of air pollution over 41 cities of India during the COVID-19 lockdown period. <i>Scientific Reports</i> , 2020 , 10, 16574	4.9	41
41	Remote sensing of agriculture South/Southeast Asia research initiative special issue. <i>International Journal of Remote Sensing</i> , 2019 , 40, 8071-8075	3.1	25
40	Trends in Vegetation fires in South and Southeast Asian Countries. <i>Scientific Reports</i> , 2019 , 9, 7422	4.9	53
39	Improved rice residue burning emissions estimates: Accounting for practice-specific emission factors in air pollution assessments of Vietnam. <i>Environmental Pollution</i> , 2018 , 236, 795-806	9.3	38
38	South/Southeast Asia Research Initiative (SARI): A Response to Regional Needs in Land Cover/Land Use Change Science and Education. <i>Springer Remote Sensing/photogrammetry</i> , 2018 , 3-29	0.2	
37	Spatio-Temporal Analysis of Land and Forest Fires in Indonesia Using MODIS Active Fire Dataset. <i>Springer Remote Sensing/photogrammetry</i> , 2018 , 105-127	0.2	5
36	Mapping Double and Single Crop Paddy Rice With Sentinel-1A at Varying Spatial Scales and Polarizations in Hanoi, Vietnam. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 498-512	4.7	74
35	Intercomparison of MODIS AQUA and VIIRS I-Band Fires and Emissions in an Agricultural Landscape-Implications for Air Pollution Research. <i>Remote Sensing</i> , 2018 , 10, 978	5	28
34	Biomass Burning Emissions Variation from Satellite-Derived Land Cover, Burned Area, and Emission Factors in Vietnam. <i>Springer Remote Sensing/photogrammetry</i> , 2018 , 171-201	0.2	1
33	Analysis of air pollution over Hanoi, Vietnam using multi-satellite and MERRA reanalysis datasets. <i>PLoS ONE</i> , 2018 , 13, e0196629	3.7	40
32	Land cover, land use changes and air pollution in Asia: a synthesis. <i>Environmental Research Letters</i> , 2017 , 12, 120201	6.2	33
31	Fire Disturbance in Tropical Forests of Myanmar Analysis Using MODIS Satellite Datasets. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 2273-2281	4.7	16
30	Fire regimes and potential bioenergy loss from agricultural lands in the Indo-Gangetic Plains. <i>Journal of Environmental Management</i> , 2015 , 148, 10-20	7.9	29
29	Vegetation fires, absorbing aerosols and smoke plume characteristics in diverse biomass burning regions of Asia. <i>Environmental Research Letters</i> , 2015 , 10, 105003	6.2	68
28	Factors controlling vegetation fires in protected and non-protected areas of myanmar. <i>PLoS ONE</i> , 2015 , 10, e0124346	3.7	31

27	Peat-fire-related air pollution in Central Kalimantan, Indonesia. <i>Environmental Pollution</i> , 2014 , 195, 257-663	9.3	87
26	Vegetation fires and air pollution in Vietnam. <i>Environmental Pollution</i> , 2014 , 195, 267-75	9.3	49
25	Analysis of Southeast Asian pollution episode during June 2013 using satellite remote sensing datasets. <i>Environmental Pollution</i> , 2014 , 195, 245-56	9.3	55
24	Active fires from the Suomi NPP Visible Infrared Imaging Radiometer Suite: Product status and first evaluation results. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 803-816	4.4	98
23	Spatial Variations in Vegetation Fires and Carbon Monoxide Concentrations in South Asia. <i>Society of Earth Scientists Series</i> , 2014 , 131-149	0.6	3
22	Satellite based analysis of fire-carbon monoxide relationships from forest and agricultural residue burning (2003-2011). <i>Atmospheric Environment</i> , 2013 , 64, 179-191	5.3	47
21	Spectral angle mapper and object-based classification combined with hyperspectral remote sensing imagery for obtaining land use/cover mapping in a Mediterranean region. <i>Geocarto International</i> , 2013 , 28, 114-129	2.7	32
20	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013 , 6, 224-238	4.7	62
19	Vegetation fires in the himalayan region - Aerosol load, black carbon emissions and smoke plume heights. <i>Atmospheric Environment</i> , 2012 , 47, 241-251	5.3	96
18	Support vector machines and object-based classification for obtaining land-use/cover cartography from Hyperion hyperspectral imagery. <i>Computers and Geosciences</i> , 2012 , 41, 99-107	4.5	152
17	Patterns of CO ₂ and radiocarbon across high northern latitudes during International Polar Year 2008. <i>Journal of Geophysical Research</i> , 2011 , 116,		48
16	Wavelet analysis of airborne CO ₂ measurements and related meteorological parameters over heterogeneous landscapes. <i>Atmospheric Research</i> , 2011 , 102, 77-90	5.4	9
15	MODIS derived fire characteristics and aerosol optical depth variations during the agricultural residue burning season, north India. <i>Environmental Pollution</i> , 2011 , 159, 1560-9	9.3	120
14	A comparison of Spectral Angle Mapper and Artificial Neural Network classifiers combined with Landsat TM imagery analysis for obtaining burnt area mapping. <i>Sensors</i> , 2010 , 10, 1967-85	3.8	76
13	Fire risk evaluation using multicriteria analysis--a case study. <i>Environmental Monitoring and Assessment</i> , 2010 , 166, 223-39	3.1	105
12	Spatial pattern analysis of fire events in Central India - A case study. <i>Geocarto International</i> , 2009 , 24, 115-131	2.7	6
11	Analysis of fire events and controlling factors in eastern india using spatial scan and multivariate statistics. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2008 , 90, 315-328	1.1	17
10	Hydro-Logic: Poverty, Heterogeneity and Cooperation on the Commons by Mathew Kurian and Ton Dietz. <i>Development and Change</i> , 2008 , 39, 496-498	2.9	

9	Characteristics of the atmospheric CO ₂ signal as observed over the conterminous United States during INTEX-NA. <i>Journal of Geophysical Research</i> , 2008 , 113,		24
8	Spatio-temporal analysis of fire events in India: implications for environmental conservation. <i>Journal of Environmental Planning and Management</i> , 2008 , 51, 817-832	2.8	5
7	Spatial patterns in vegetation fires in the Indian region. <i>Environmental Monitoring and Assessment</i> , 2008 , 147, 1-13	3.1	40
6	Case Study of an Integrated Framework for Quantifying Agroecosystem Health. <i>Ecosystems</i> , 2008 , 11, 283-306	3.9	28
5	Feeding the World: An Economic History of Agriculture, 1800-2000 by Giovanni Federico. <i>Development and Change</i> , 2007 , 38, 776-777	2.9	
4	Development of Environmental Policy in Japan and Asian Countries edited by Tadayoshi Terao and Kenji Otsuka. <i>Development and Change</i> , 2007 , 38, 974-976	2.9	
3	Practical Ecology for Planners, Developers, and Citizens, by Dan L. Perlman and Jeffrey C. Milder. <i>Journal of Regional Science</i> , 2007 , 47, 1008-1009	1.8	
2	Evaluation of vegetation greenness metrics for characterizing tropical forest cover types— case study using NOAA AVHRR datasets. <i>Geocarto International</i> , 2007 , 22, 29-48	2.7	3
1	Spatial distribution of forest fires and controlling factors in Andhra Pradesh, India using SPOT satellite datasets. <i>Environmental Monitoring and Assessment</i> , 2006 , 123, 75-96	3.1	30