Preeti Rao

List of Publications by Year
in descending order

20	891	516710 16	752698 20
papers	citations	h-index	g-index

27	27	27	1310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using Sentinel-1, Sentinel-2, and Planet Imagery to Map Crop Type of Smallholder Farms. Remote Sensing, 2021, 13, 1870.	4.0	34
2	Using Sentinel-2 to Track Field-Level Tillage Practices at Regional Scales in Smallholder Systems. Remote Sensing, 2021, 13, 5108.	4.0	4
3	The impact of agricultural interventions can be doubled by using satellite data. Nature Sustainability, 2019, 2, 931-934.	23.7	37
4	Comparison of Global Downscaled Versus Bottomâ€Up Fossil Fuel CO₂ Emissions at the Urban Scale in Four U.S. Urban Areas. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2823-2840.	3.3	61
5	The Hestia fossil fuel CO₂ emissions data product for the Los Angeles megacity (Hestia-LA). Earth System Science Data, 2019, 11, 1309-1335.	9.9	36
6	Vista-LA: Mapping methane-emitting infrastructure in the Los Angeles megacity. Earth System Science Data, 2018, 10, 653-676.	9.9	17
7	Variability, drivers, and effects of atmospheric nitrogen inputs across an urban area: Emerging patterns among human activities, the atmosphere, and soils. Science of the Total Environment, 2017, 609, 1524-1534.	8.0	65
8	Carbon dioxide and methane measurements from the Los Angeles Megacity Carbon Project â€“ PartÂ1: calibration, urban enhancements, and uncertainty estimates. Atmospheric Chemistry and Physics, 2017, 17, 8313-8341.	4.9	96
9	Optimizing the Spatial Resolution for Urban CO2 Flux Studies Using the Shannon Entropy. Atmosphere, 2017, 8, 90.	2.3	1
10	Emissions and topographic effects on column CO 2 () variations, with a focus on the Southern California Megacity. Journal of Geophysical Research D: Atmospheres, 2017, 122, 7200-7215.	3.3	22
11	On the impact of granularity of space-based urban CO2 emissions in urban atmospheric inversions: A case study for Indianapolis, IN. Elementa, 2017, 5, 28.	3.2	34
12	Spatio-temporal Variations in on-road CO₂ Emissions in the Los Angeles Megacity. AIMS Geosciences, 2017, 3, 239-267.	1.0	8
13	Urban high-resolution fossil fuel CO2 emissions quantification and exploration of emission drivers for potential policy applications. Urban Ecosystems, 2016, 19, 1013-1039.	2.4	51
14	Comment on â€œAnalysis of Highâ€Resolution Utility Data for Understanding Energy Use in Urban Systemsâ€• Journal of Industrial Ecology, 2016, 20, 192-193.	5.5	1
15	Los Angeles megacity: a high-resolution landâ€“atmosphere modelling system for urban CO₂ emissions. Atmospheric Chemistry and Physics, 2016, 16, 9019-9045.	4.9	101
16	Monthly trends of methane emissions in Los Angeles from 2011 to 2015 inferred by CLARS-FTS observations. Atmospheric Chemistry and Physics, 2016, 16, 13121-13130.	4.9	39
17	Toward consistency between trends in bottom-up CO₂ emissions and top-down atmospheric measurements in the Los Angeles megacity. Atmospheric Chemistry and Physics, 2016, 16, 3843-3863.	4.9	72
18	Atmospheric nitrogen inputs and losses along an urbanization gradient from Boston to Harvard Forest, MA. Biogeochemistry, 2014, 121, 229-245.	3.5	79

#	Article	IF	Citations
19	Field and remotely sensed measures of soil and vegetation carbon and nitrogen across an urbanization gradient in the Boston metropolitan area. Urban Ecosystems, 2013, 16, 593-616.	2.4	32
20	Inconsistent definitions of â€œurbanâ€•result in different conclusions about the size of urban carbon and nitrogen stocks. Ecological Applications, 2012, 22, 1015-1035.	3.8	89