Hoonyoung Park

List of Publications by Year in Descending Order

22 papers	267 citations	8 h-index	16 g-index
26 ext. papers	413 ext. citations	7.4 avg, IF	3.65 L-index

#	Paper	IF	Citations
22	Unexpected Urban Methane Hotspots Captured from Aircraft Observations. *ACS Earth and Space Chemistry*, **2022**, 6, 755-765	3.2	
21	Different responses of surface freeze and thaw phenology changes to warming among Arctic permafrost types. *Remote Sensing of Environment*, **2022**, 272, 112956	13.2	0
20	Spatiotemporal variations in urban CO flux with land-use types in Seoul.. *Carbon Balance and Management*, **2022**, 17, 3	3.6	0
19	Evaluation of the Potential Use of Satellite-Derived XCO2 in Detecting CO2 Enhancement in Megacities with Limited Ground Observations: A Case Study in Seoul Using Orbiting Carbon Observatory-2. *Asia-Pacific Journal of Atmospheric Sciences*, **2021**, 57, 289-299	2.1	8
18	Challenges in Monitoring Atmospheric CO2 Concentrations in Seoul Using Low-Cost Sensors. *Asia-Pacific Journal of Atmospheric Sciences*, **2021**, 57, 547-553	2.1	4
17	An assessment of emission characteristics of Northern Hemisphere cities using spaceborne observations of CO2, CO, and NO2. *Remote Sensing of Environment*, **2021**, 254, 112246	13.2	8
16	Leaf area index in Earth system models: how the key variable of vegetation seasonality works in climate projections. *Environmental Research Letters*, **2021**, 16, 034027	6.2	3
15	Effects of extreme temperature on China□ tea production. *Environmental Research Letters*, **2021**, 16, 044040	6.2	5
14	Enhanced regional terrestrial carbon uptake over Korea revealed by atmospheric CO measurements from 1999 to 2017. *Global Change Biology*, **2020**, 26, 3368-3383	11.4	3
13	Evaluation of Different Roof Materials for the Mitigation of Urban Warming in a Subtropical Monsoon Climate. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2019JD031972	4.4	
12	Projections of future drought intensity associated with various local greenhouse gas emission scenarios in East Asia. *Terrestrial, Atmospheric and Oceanic Sciences*, **2020**, 31, 9-19	1.8	3
11	Emergence of significant soil moisture depletion in the near future. *Environmental Research Letters*, **2020**, 15, 124048	6.2	6
10	Co-benefit potential of urban CO2 and air quality monitoring: A study on the first mobile campaign and building monitoring experiments in Seoul during the winter. *Atmospheric Pollution Research*, **2020**, 11, 1963-1970	4.5	4
9	Accelerated rate of vegetation green-up related to warming at northern high latitudes. *Global Change Biology*, **2020**, 26, 6190-6202	11.4	12
8	Urbanization has stronger impacts than regional climate change on wind stilling: a lesson from South Korea. *Environmental Research Letters*, **2020**, 15, 054016	6.2	5
7	Impact of urbanization on spring and autumn phenology of deciduous trees in the Seoul Capital Area, South Korea. *International Journal of Biometeorology*, **2019**, 63, 627-637	3.7	9
6	Keeping global warming within 1.5 □C constrains emergence of aridification. *Nature Climate Change*, **2018**, 8, 70-74	21.4	96

List of Publications

5	Influence of winter precipitation on spring phenology in boreal forests. *Global Change Biology*, **2018**, 24, 5176-5187	11.4	29
4	Slowdown of spring green-up advancements in boreal forests. *Remote Sensing of Environment*, **2018**, 217, 191-202	13.2	25
3	Dominance of climate warming effects on recent drying trends over wet monsoon regions. *Atmospheric Chemistry and Physics*, **2017**, 17, 10467-10476	6.8	5
2	Nonlinear response of vegetation green-up to local temperature variations in temperate and boreal forests in the Northern Hemisphere. *Remote Sensing of Environment*, **2015**, 165, 100-108	13.2	42
1	Regional and Species Variations in Spring and Autumn Phenology of 25 Temperate Species in South Korea. *Asia-Pacific Journal of Atmospheric Sciences*,1	2.1	