

# Hoonyoung Park

## List of Publications by Citations

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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.

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 | Keeping global warming within 1.5 °C constrains emergence of aridification. <i>Nature Climate Change</i> , <b>2018</b> , 8, 70-74   | 21.4 | 96        |
| 21 | Nonlinear response of vegetation green-up to local temperature variations in temperate and boreal forests in the Northern Hemisphere. <i>Remote Sensing of Environment</i> , <b>2015</b> , 165, 100-108   | 13.2 | 42        |
| 20 | Influence of winter precipitation on spring phenology in boreal forests. <i>Global Change Biology</i> , <b>2018</b> , 24, 5176-5187   | 11.4 | 29        |
| 19 | Slowdown of spring green-up advancements in boreal forests. <i>Remote Sensing of Environment</i> , <b>2018</b> , 217, 191-202   | 13.2 | 25        |
| 18 | Accelerated rate of vegetation green-up related to warming at northern high latitudes. <i>Global Change Biology</i> , <b>2020</b> , 26, 6190-6202   | 11.4 | 12        |
| 17 | Impact of urbanization on spring and autumn phenology of deciduous trees in the Seoul Capital Area, South Korea. <i>International Journal of Biometeorology</i> , <b>2019</b> , 63, 627-637   | 3.7  | 9         |
| 16 | Evaluation of the Potential Use of Satellite-Derived XCO <sub>2</sub> in Detecting CO <sub>2</sub> Enhancement in Megacities with Limited Ground Observations: A Case Study in Seoul Using Orbiting Carbon Observatory-2. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , <b>2021</b> , 57, 289-299 | 2.1  | 8         |
| 15 | An assessment of emission characteristics of Northern Hemisphere cities using spaceborne observations of CO <sub>2</sub> , CO, and NO <sub>2</sub> . <i>Remote Sensing of Environment</i> , <b>2021</b> , 254, 112246   | 13.2 | 8         |
| 14 | Emergence of significant soil moisture depletion in the near future. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 124048   | 6.2  | 6         |
| 13 | Dominance of climate warming effects on recent drying trends over wet monsoon regions. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 10467-10476   | 6.8  | 5         |
| 12 | Urbanization has stronger impacts than regional climate change on wind stilling: a lesson from South Korea. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 054016  | 6.2  | 5         |
| 11 | Effects of extreme temperature on China's tea production. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 044040  | 6.2  | 5         |
| 10 | Co-benefit potential of urban CO <sub>2</sub> and air quality monitoring: A study on the first mobile campaign and building monitoring experiments in Seoul during the winter. <i>Atmospheric Pollution Research</i> , <b>2020</b> , 11, 1963-1970  | 4.5  | 4         |
| 9  | Challenges in Monitoring Atmospheric CO <sub>2</sub> Concentrations in Seoul Using Low-Cost Sensors. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , <b>2021</b> , 57, 547-553  | 2.1  | 4         |
| 8  | Enhanced regional terrestrial carbon uptake over Korea revealed by atmospheric CO measurements from 1999 to 2017. <i>Global Change Biology</i> , <b>2020</b> , 26, 3368-3383  | 11.4 | 3         |
| 7  | Projections of future drought intensity associated with various local greenhouse gas emission scenarios in East Asia. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , <b>2020</b> , 31, 9-19   | 1.8  | 3         |
| 6  | Leaf area index in Earth system models: how the key variable of vegetation seasonality works in climate projections. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 034027   | 6.2  | 3         |

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|---|---|------|---|
| 5 | Different responses of surface freeze and thaw phenology changes to warming among Arctic permafrost types. <i>Remote Sensing of Environment</i> , <b>2022</b> , 272, 112956                           | 13.2 | o |
| 4 | Spatiotemporal variations in urban CO flux with land-use types in Seoul.. <i>Carbon Balance and Management</i> , <b>2022</b> , 17, 3  | 3.6  | o |
| 3 | Evaluation of Different Roof Materials for the Mitigation of Urban Warming in a Subtropical Monsoon Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD031972 | 4.4  |   |
| 2 | Regional and Species Variations in Spring and Autumn Phenology of 25 Temperate Species in South Korea. <i>Asia-Pacific Journal of Atmospheric Sciences</i> ,1   | 2.1  |   |
| 1 | Unexpected Urban Methane Hotspots Captured from Aircraft Observations. <i>ACS Earth and Space Chemistry</i> , <b>2022</b> , 6, 755-765  | 3.2  |   |