# Kenjiro Toyota

List of Publications by Year
in descending order



| 10 | 805 | 1040056 9 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 1067 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Arctic mercury cycling. Nature Reviews Earth & Environment, 2022, 3, 270-286. | 29.7 | 60 |
| 2 | Parameterization of gaseous dry deposition in atmospheric chemistry models: Sensitivity to aerodynamic resistance formulations under statically stable conditions. Atmospheric Environment, 2016, 147, 409-422. | 4.1 | 9 |
| 3 | Chemical cycling and deposition of atmospheric mercury in polar regions: review of recent measurements and comparison with models. Atmospheric Chemistry and Physics, 2016, 16, 10735-10763. | 4.9 | 63 |
| 4 | Mercury Physicochemical and Biogeochemical Transformation in the Atmosphere and at Atmospheric Interfaces: A Review and Future Directions. Chemical Reviews, 2015, 115, 3760-3802. | 47.7 | 323 |
| 5 | Airâ€“snowpack exchange of bromine, ozone and mercury in the springtime Arctic simulated by the 1-D model PHANTAS â€“ Part 2: Mercury and its speciation. Atmospheric Chemistry and Physics, 2014, 14, 4135-4167. | 4.9 | 31 |
| 6 | Airâ€“snowpack exchange of bromine, ozone and mercury in the springtime Arctic simulated by the 1-D model PHANTAS â€“ Part 1: In-snow bromine activation and its impact on ozone. Atmospheric Chemistry and Physics, 2014, 14, 4101-4133. | 4.9 | 60 |
| 7 | Analysis of reactive bromine production and ozone depletion in the Arctic boundary layer using 3-D simulations with GEM-AQ: inference from synoptic-scale patterns. Atmospheric Chemistry and Physics, 2011, 11, 3949-3979. | 4.9 | 75 |
| 8 | Modeling chemistry in and above snow at Summit, Greenland â€“ Part 1: Model description and results. Atmospheric Chemistry and Physics, 2011, 11, 4899-4914. | 4.9 | 114 |
| 9 | Implications of iodine chemistry for daytime HO2levels at Rishiri Island. Geophysical Research Letters, 2002, 29, 45-1-45-4. | 4.0 | 42 |
| 10 | Modeling multi-phase halogen chemistry in the marine boundary layer with size-segregated aerosol module: Implications for quasi-size-dependent approach. Geophysical Research Letters, 2001, 28, 2899-2902. | 4.0 | 19 |