

J Eric Klobas

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

112
citations

1684188
5
h-index

1872680
6
g-index

15
all docs

15
docs citations

15
times ranked

305
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Ozone depletion following future volcanic eruptions. <i>Geophysical Research Letters</i> , 2017, 44, 7490-7499. | 4.0 | 36 |
| 2 | Stratospheric ozone over the United States in summer linked to observations of convection and temperature via chlorine and bromine catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4905-E4913. | 7.1 | 36 |
| 3 | Controlling O coverage and stability by alloying Au and Ag. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26844-26853. | 2.8 | 16 |
| 4 | Reformulating the bromine alpha factor and equivalent effective stratospheric chlorine (EESC): evolution of ozone destruction rates of bromine and chlorine in future climate scenarios. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9459-9471. | 4.9 | 11 |
| 5 | The dissociation-induced displacement of chemisorbed O ₂ by mobile O atoms and the autocatalytic recombination of O due to chain fragmentation on Ag(110). <i>Surface Science</i> , 2014, 630, 187-194. | 1.9 | 8 |
| 6 | Sensitivity of Iodine-Mediated Stratospheric Ozone Loss Chemistry to Future Chemistry-Climate Scenarios. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 4 |
| 7 | UV spectroscopic determination of the chlorine monoxide (ClO) ↔ chlorine peroxide (ClOOCl) thermal equilibrium constant. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6205-6215. | 4.9 | 1 |