

Klaus Zimmermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9093337/publications.pdf>

Version: 2024-02-01

11
papers

239
citations

1307594

7
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

650
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Earth System Model Evaluation Tool (ESMValTool) v2.0 – an extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP. Geoscientific Model Development, 2020, 13, 3383-3438. | 3.6 | 69 |
| 2 | Earth System Model Evaluation Tool (ESMValTool) v2.0 – technical overview. Geoscientific Model Development, 2020, 13, 1179-1199. | 3.6 | 51 |
| 3 | Tunneling decay of two interacting bosons in an asymmetric double-well potential: A spectral approach. Physical Review A, 2013, 87, . | 2.5 | 35 |
| 4 | Photon number statistics uncover the fluctuations in non-equilibrium lattice dynamics. Nature Communications, 2015, 6, 10249. | 12.8 | 23 |
| 5 | Sensitivity of tropical cyclones to resolution, convection scheme and ocean flux parameterization over Eastern Tropical Pacific and Tropical North Atlantic Oceans in the RegCM4 model. Climate Dynamics, 2017, 49, 547-561. | 3.8 | 19 |
| 6 | On the communication of scientific data: The Full-Metadata Format. Computer Physics Communications, 2010, 181, 651-662. | 7.5 | 13 |
| 7 | Interaction Effects on Dynamical Localization in Driven Helium. Physical Review Letters, 2014, 113, 063004. | 7.8 | 8 |
| 8 | Generation and detection of squeezed phonons in lattice dynamics by ultrafast optical excitations. New Journal of Physics, 2017, 19, 023032. | 2.9 | 7 |
| 9 | Non-destructive lateral mapping of the thickness of the photoactive layer in polymer-based solar cells. Progress in Photovoltaics: Research and Applications, 2011, 21, n/a-n/a. | 8.1 | 3 |
| 10 | Scientific Information Repository Assisting Reflectance Spectrometry in Legal Medicine. Journal of the Association for Laboratory Automation, 2012, 17, 233-238. | 2.8 | 2 |
| 11 | Extracting partial decay rates of helium from complex rotation: autoionizing resonances of the one-dimensional configurations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 025001. | 1.5 | 1 |