

Klaus Zimmermann

List of Publications by Year in descending order

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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 – technical overview. Geoscientific Model Development, 2020, 13, 1179-1199.	3.6	51
2	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
3	Generation and detection of squeezed phonons in lattice dynamics by ultrafast optical excitations. New Journal of Physics, 2017, 19, 023032.	2.9	7
4	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
5	Photon number statistics uncover the fluctuations in non-equilibrium lattice dynamics. Nature Communications, 2015, 6, 10249.	12.8	23
6	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
7	Interaction Effects on Dynamical Localization in Driven Helium. Physical Review Letters, 2014, 113, 063004.	7.8	8
8	Tunneling decay of two interacting bosons in an asymmetric double-well potential: A spectral approach. Physical Review A, 2013, 87, .	2.5	35
9	Scientific Information Repository Assisting Reflectance Spectrometry in Legal Medicine. Journal of the Association for Laboratory Automation, 2012, 17, 233-238.	2.8	2
10	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
11	On the communication of scientific data: The Full-Metadata Format. Computer Physics Communications, 2010, 181, 651-662.	7.5	13