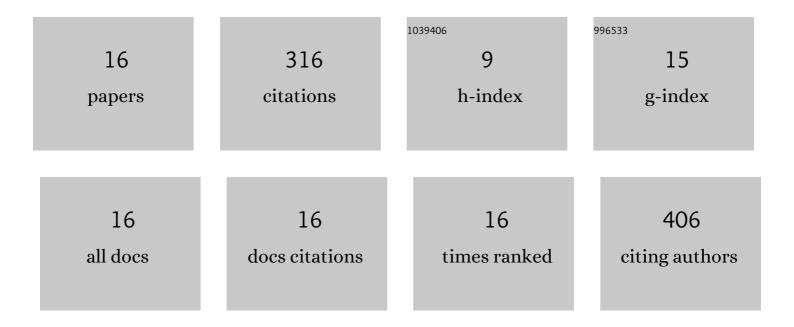
## Krisztian Kohary

List of Publications by Year in descending order

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KDISZTIAN KOHADY

#	Article	IF	CITATIONS
1	Atmospheric Convection Plays a Key Role in the Climate of Tidally Locked Terrestrial Exoplanets: Insights from High-resolution Simulations. Astrophysical Journal, 2020, 894, 84.	1.6	45
2	Mineral dust increases the habitability of terrestrial planets but confounds biomarker detection. Nature Communications, 2020, 11, 2731.	5.8	20
3	Ozone chemistry on tidally locked M dwarf planets. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1691-1705.	1.6	20
4	Implications of three-dimensional chemical transport in hot Jupiter atmospheres: Results from a consistently coupled chemistry-radiation-hydrodynamics model. Astronomy and Astrophysics, 2020, 636, A68.	2.1	60
5	Implications of different stellar spectra for the climate of tidally locked Earth-like exoplanets. Astronomy and Astrophysics, 2020, 639, A99.	2.1	16
6	The 3D Thermal, Dynamical, and Chemical Structure of the Atmosphere of HD 189733b: Implications of Wind-driven Chemistry for the Emission Phase Curve. Astrophysical Journal, 2018, 869, 28.	1.6	47
7	Can conventional phase-change memory devices be scaled down to single-nanometre dimensions?. Nanotechnology, 2017, 28, 035202.	1.3	25
8	Ultrahigh Storage Densities via the Scaling of Patterned Probe Phase-Change Memories. IEEE Nanotechnology Magazine, 2017, 16, 767-772.	1.1	13
9	Simulation of ultrahigh storage densities in nanoscale patterned probe phase change memories. , 2016, , .		1
10	Determination of the Anisotropic Elastic Properties of Rocksalt Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> by XRD, Residual Stress, and DFT. Journal of Physical Chemistry C, 2016, 120, 5624-5629.	1.5	10
11	Modelling the phaseâ€transition in phaseâ€change materials. Physica Status Solidi (B): Basic Research, 2013, 250, 944-948.	0.7	8
12	Electricâ€fieldâ€essisted crystallisation in phaseâ€change materials. Physica Status Solidi (B): Basic Research, 2012, 249, 1897-1901.	0.7	5
13	Electric field induced crystallization in phase-change materials for memory applications. Applied Physics Letters, 2011, 98, .	1.5	33
14	Determination of the anisotropic elastic properties of Ge1Sb2Te4. Applied Physics Letters, 2011, 98, 231911.	1.5	5
15	Exciplex kinetics in nanocrystal organic light-emitting diodes. Journal of Materials Science: Materials in Electronics, 2009, 20, 10-14.	1.1	5
16	Molecular dynamics simulations of amorphous carbon structures. Journal of Non-Crystalline Solids, 1998, 227-230, 594-596.	1.5	3