Yasuhiro H Yamazaki

List of Publications by Year
in descending order

17 papers	585 citations	840776 11 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	744 citing authors

#	Article	IF	Citations
1	Broad range of 2050 warming from an observationally constrained large climate model ensemble. Nature Geoscience, 2012, 5, 256-260.	12.9	109
2	A 1200-year multiproxy record of tree growth and summer temperature at the northern pine forest limit of Europe. Holocene, 2013, 23, 471-484.	1.7	100
3	Anisotropic turbulence and zonal jets in rotating flows with a β-effect. Nonlinear Processes in Geophysics, 2006, 13, 83-98.	1.3	94
4	A laboratory model of Saturn's North Polar Hexagon. Icarus, 2010, 206, 755-763.	2.5	69
5	Dynamics of Convectively Driven Banded Jets in the Laboratory. Journals of the Atmospheric Sciences, 2007, 64, 4031-4052.	1.7	63
6	A new general circulation model of Jupiter's atmosphere based on the UKMO Unified Model: Three-dimensional evolution of isolated vortices and zonal jets in mid-latitudes. Planetary and Space Science, 2004, 52, 423-445.	1.7	32
7	Hadley circulations and Kelvin wave-driven equatorial jets in the atmospheres of Jupiter and Saturn. Planetary and Space Science, 2005, 53, 508-525.	1.7	25
8	Modeling Jupiter's cloud bands and decks. Icarus, 2009, 200, 548-562.	2.5	18
9	The Existence of Subsynoptic-Scale Baroclinic Instability and the Nonlinear Evolution of Shallow Disturbances. Journals of the Atmospheric Sciences, 2001, 58, 657-683.	1.7	16
10	Modeling Jupiter's cloud bands and decks. Icarus, 2009, 200, 563-573.	2.5	14
11	FAMOUS, faster: using parallel computing techniques to accelerate the FAMOUS/HadCM3 climate model with a focus on the radiative transfer algorithm. Geoscientific Model Development, 2011, 4, 835-844.	3.6	14
12	QUAGMIRE v1.3: a quasi-geostrophic model for investigating rotating fluids experiments. Geoscientific Model Development, 2009, 2, 13-32.	3.6	9
13	3D balanced winds and dynamics in Jupiter's atmosphere from combined imaging and infrared observations. Advances in Space Research, 2005, 36, 2187-2193.	2.6	7
14	Baroclinic Instability in an Euler Equations–Based Column Model: The Coexistence of a Deep Synoptic-Scale Mode and Shallow Subsynoptic-Scale Modes. Journals of the Atmospheric Sciences, 2001, 58, 780-792.	1.7	6
15	A heat engine based moist convection parametrization for Jupiter. Planetary and Space Science, 2009, 57, 1525-1537.	1.7	5
16	Two scenarios on the driving mechanism of the Jovian equatorial jet with secondary hydrodynamic instabilities. Advances in Space Research, 2006, 38, 2639-2644.	2.6	3
17	Comparison of observed and theoretically calculated seiches of Heda Bay, Japan. Pure and Applied Geophysics, 1992, 138, 309-322.	1.9	1