

# Yasuhiro H Yamazaki

## List of Publications by Year in descending order

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17  
papers

585  
citations

840776

11  
h-index

888059

17  
g-index

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all docs

17  
docs citations

17  
times ranked

744  
citing authors

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