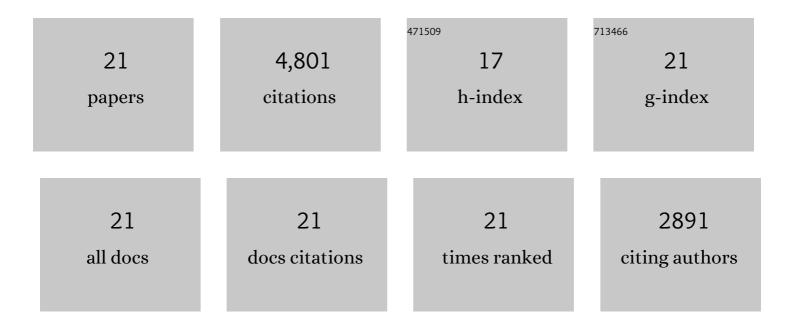
Peter Bodenheimer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Formation of the Giant Planets by Concurrent Accretion of Solids and Gas. Icarus, 1996, 124, 62-85.	2.5	2,403
2	Calculations of the accretion and evolution of giant planets: The effects of solid cores. Icarus, 1986, 67, 391-408.	2.5	425
3	Accretion of the gaseous envelope of Jupiter around a 5–10 Earth-mass core. Icarus, 2005, 179, 415-431.	2.5	384
4	Models of Jupiter's growth incorporating thermal and hydrodynamic constraints. Icarus, 2009, 199, 338-350.	2.5	229
5	IN SITU FORMATION AND DYNAMICAL EVOLUTION OF HOT JUPITER SYSTEMS. Astrophysical Journal, 2016, 829, 114.	4.5	215
6	FORMATION AND STRUCTURE OF LOW-DENSITY EXO-NEPTUNES. Astrophysical Journal, 2011, 738, 59.	4.5	213
7	Formation of Jupiter using opacities based on detailed grain physics. Icarus, 2010, 209, 616-624.	2.5	190
8	lce lines, planetesimal composition and solid surface density in the solar nebula. Icarus, 2009, 200, 672-693.	2.5	117
9	Planetesimal dissolution in the envelopes of the forming, giant planets. Icarus, 1986, 67, 409-443.	2.5	94
10	DEUTERIUM BURNING IN MASSIVE GIANT PLANETS AND LOW-MASS BROWN DWARFS FORMED BY CORE-NUCLEATED ACCRETION. Astrophysical Journal, 2013, 770, 120.	4.5	77
11	THE FORMATION OF URANUS AND NEPTUNE: CHALLENGES AND IMPLICATIONS FOR INTERMEDIATE-MASS EXOPLANETS. Astrophysical Journal, 2014, 789, 69.	4.5	75
12	THREE-DIMENSIONAL RADIATION-HYDRODYNAMICS CALCULATIONS OF THE ENVELOPES OF YOUNG PLANETS EMBEDDED IN PROTOPLANETARY DISKS. Astrophysical Journal, 2013, 778, 77.	4.5	69
13	ACCRETION AND EVOLUTION OF â^¼2.5 <i>M</i> _⊕ PLANETS WITH VOLUMINOUS H/He ENVELOPE Astrophysical Journal, 2014, 791, 103.	ES. 4.5	66
14	Jupiter's Formation and Its Primordial Internal Structure. Astrophysical Journal, 2017, 836, 227.	4.5	57
15	The formation of Uranus and Neptune in solid-rich feeding zones: Connecting chemistry and dynamics. Icarus, 2010, 207, 491-498.	2.5	44
16	New Formation Models for the Kepler-36 System. Astrophysical Journal, 2018, 868, 138.	4.5	43
17	IN SITU AND EX SITU FORMATION MODELS OF KEPLER 11 PLANETS. Astrophysical Journal, 2016, 828, 33.	4.5	33
18	Growth of Jupiter: Enhancement of core accretion by a voluminous low-mass envelope. Icarus, 2014, 241, 298-312.	2.5	24

#	Article	IF	CITATIONS
19	Growth of Jupiter: Formation in disks of gas and solids and evolution to the present epoch. Icarus, 2021, 355, 114087.	2.5	17
20	Detailed Calculations of the Efficiency of Planetesimal Accretion in the Core-accretion Model. Astrophysical Journal, 2020, 899, 45.	4.5	17
21	Mixing of Condensable Constituents with H–He during the Formation and Evolution of Jupiter. Planetary Science Journal, 2022, 3, 74.	3.6	9