Sabine Stanley

List of Publications by Year
in descending order

25	1,226	623734	752698
papers	citations	14 h-index	20 g-index

26	26	26	1213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Case for a New Frontiersâ€“Class Uranus Orbiter: System Science at an Underexplored and Unique World with a Mid-scale Mission. Planetary Science Journal, 2022, 3, 58.	3.6	12
2	Considering intergroup emotions to improve diversity and inclusion in the geosciences. Journal of Geoscience Education, 2021, 69, 248-252.	1.4	1
3	Iridium Communications Satellite Constellation Data for Study of Earth's Magnetic Field. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009515.	2.5	9
4	In Appreciation of Our 2019 Peer Reviewers. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006420.	3.6	0
5	Thank You to Our 2018 Peer Reviewers. Journal of Geophysical Research E: Planets, 2019, 124, 867-870.	3.6	0
6	Magnetic Fields on Asteroids and Planetesimals. , 2017, , 180-203.		6
7	Performance benchmarks for a next generation numerical dynamo model. Geochemistry, Geophysics, Geosystems, 2016, 17, 1586-1607.	2.5	66
8	Reconciling past changes in Earthâ€™s rotation with 20th century global sea-level rise: Resolving Munkâ€™s enigma. Science Advances, 2015, 1, e1500679.	10.3	45
9	Magnetic field modeling for Mercury using dynamo models with a stable layer and laterally variable heat flux. Icarus, 2015, 260, 263-268.	2.5	30
10	NON-AXISYMMETRIC FLOWS ON HOT JUPITERS WITH OBLIQUE MAGNETIC FIELDS. Astrophysical Journal, 2014, 794, 10.	4.5	31
11	INTERIOR STRUCTURE OF WATER PLANETS: IMPLICATIONS FOR THEIR DYNAMO SOURCE REGIONS. Astrophysical Journal, 2013, 768, 156.	4.5	38
12	MAGNETICALLY CONTROLLED CIRCULATION ON HOT EXTRASOLAR PLANETS. Astrophysical Journal, 2013, 776, 53.	4.5	75
13	Effect of inner core conductivity on planetary dynamo models. Physics of the Earth and Planetary Interiors, 2012, 212-213, 1-9.	1.9	16
14	Putting computation on a par with experiments and theory in the undergraduate physics curriculum. American Journal of Physics, 2011, 79, 919-924.	0.7	14
15	Dynamo Models for Planets Other Than Earth. Space Science Reviews, 2010, 152, 617-649.	8.1	83
16	Paleomagnetic Records of Meteorites and Early Planetesimal Differentiation. Space Science Reviews, 2010, 152, 341-390.	8.1	128
17	Dynamo Models for Planets Other Than Earth. Space Sciences Series of ISSI, 2009, , 617-649.	0.0	2
18	Paleomagnetic Records of Meteorites and Early Planetesimal Differentiation. Space Sciences Series of ISSI, 2009, , 341-390.	0.0	0

#	Article	IF	Citations
19	Effects of an outer thin stably stratified layer on planetary dynamos. Physics of the Earth and Planetary Interiors, 2008, 168, 179-190.	1.9	53
20	Mars' Paleomagnetic Field as the Result of a Single-Hemisphere Dynamo. Science, 2008, 321, 1822-1825.	12.6	98
21	The Geophysics of Mercury: Current Status and Anticipated Insights from the MESSENGER Mission. Space Science Reviews, 2007, 131, 105-132.	8.1	27
22	The Geophysics of Mercury: Current Status and Anticipated Insights from the MESSENGER Mission. , 2007, , 105-132.		0
23	Numerical dynamo models of Uranus' and Neptune's magnetic fields. Icarus, 2006, 184, 556-572.	2.5	159
24	Thin shell dynamo models consistent with Mercury's weak observed magnetic field. Earth and Planetary Science Letters, 2005, 234, 27-38.	4.4	129
25	Convective-region geometry as the cause of Uranus' and Neptune's unusual magnetic fields. Nature, 2004, 428, 151-153.	27.8	204