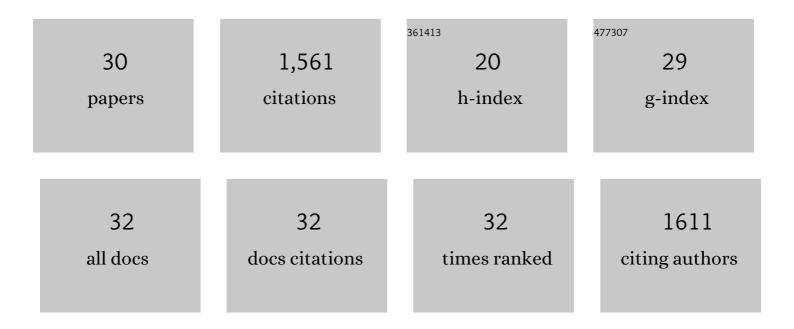
Peter Driscoll

List of Publications by Year in descending order

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DETED DDISCOLL

#	Article	IF	CITATIONS
1	History and Future of the Martian Dynamo and Implications of a Hypothetical Solid Inner Core. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006663.	3.6	13
2	VPLanet: The Virtual Planet Simulator. Publications of the Astronomical Society of the Pacific, 2020, 132, 024502.	3.1	28
3	Superâ€Earth Internal Structures and Initial Thermal States. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006124.	3.6	26
4	Geodynamo Conductivity Limits. Geophysical Research Letters, 2019, 46, 7982-7989.	4.0	17
5	Editorial: Stratification in the Cores of Earth and Other Planets. Frontiers in Earth Science, 2019, 7, .	1.8	0
6	Geodynamo recharged. Nature Geoscience, 2019, 12, 83-84.	12.9	7
7	Experimental Constraints on an MgO Exsolutionâ€Driven Geodynamo. Geophysical Research Letters, 2019, 46, 7379-7385.	4.0	17
8	What makes a planet habitable?. Science, 2019, 364, 434-435.	12.6	18
9	The Habitability of Proxima Centauri b: Environmental States and Observational Discriminants. Astrobiology, 2018, 18, 133-189.	3.0	102
10	Paleomagnetic Biases Inferred From Numerical Dynamos and the Search for Geodynamo Evolution. Frontiers in Earth Science, 2018, 6, .	1.8	7
11	Insufficient Energy From MgO Exsolution to Power Early Geodynamo. Geophysical Research Letters, 2017, 44, 11,376.	4.0	24
12	Simulating 2ÂGa of geodynamo history. Geophysical Research Letters, 2016, 43, 5680-5687.	4.0	85
13	Whole planet coupling between climate, mantle, and core: Implications for rocky planet evolution. Geochemistry, Geophysics, Geosystems, 2016, 17, 1885-1914.	2.5	73
14	Frequency of Proterozoic geomagnetic superchrons. Earth and Planetary Science Letters, 2016, 437, 9-14.	4.4	45
15	Testing the dynamic coupling of the coreâ€mantle and inner core boundaries. Journal of Geophysical Research: Solid Earth, 2015, 120, 4689-4701.	3.4	7
16	Tidal Heating of Earth-like Exoplanets around M Stars: Thermal, Magnetic, and Orbital Evolutions. Astrobiology, 2015, 15, 739-760.	3.0	96
17	On the thermal and magnetic histories of Earth and Venus: Influences of melting, radioactivity, and conductivity. Physics of the Earth and Planetary Interiors, 2014, 236, 36-51.	1.9	93
18	Nonrandom geomagnetic reversal times and geodynamo evolution. Earth and Planetary Science Letters, 2014, 388, 9-17.	4.4	17

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19	Divergent evolution of Earth and Venus: Influence of degassing, tectonics, and magnetic fields. Icarus, 2013, 226, 1447-1464.	2.5	67
20	From superchrons to secular variation: A broadband dynamo frequency spectrum for the geomagnetic dipole. Earth and Planetary Science Letters, 2012, 319-320, 75-82.	4.4	37
21	A statistical boundary layer model for the mantleDâ \in 3 region. Journal of Geophysical Research, 2011, 116, .	3.3	16
22	Optimal dynamos in the cores of terrestrial exoplanets: Magnetic field generation and detectability. Icarus, 2011, 213, 12-23.	2.5	74
23	Geodynamo reversal frequency and heterogeneous core–mantle boundary heat flow. Physics of the Earth and Planetary Interiors, 2010, 180, 66-79.	1.9	105
24	Effects of buoyancy and rotation on the polarity reversal frequency of gravitationally driven numerical dynamos. Geophysical Journal International, 2009, 178, 1337-1350.	2.4	55
25	Polarity reversals in geodynamo models with core evolution. Earth and Planetary Science Letters, 2009, 282, 24-33.	4.4	43
26	Dipole collapse and reversal precursors in a numerical dynamo. Physics of the Earth and Planetary Interiors, 2009, 173, 121-140.	1.9	45
27	FIVE PLANETS AND AN INDEPENDENT CONFIRMATION OF HD 196885Ab FROM LICK OBSERVATORY. Astrophysical Journal, 2009, 703, 1545-1556.	4.5	59
28	Five Intermediateâ€₽eriod Planets from the N2K Sample. Astrophysical Journal, 2007, 669, 1336-1344.	4.5	116
29	Retired A Stars and Their Companions: Exoplanets Orbiting Three Intermediateâ€Mass Subgiants. Astrophysical Journal, 2007, 665, 785-793.	4.5	223
30	Two Jovianâ€Mass Planets in Earthlike Orbits. Astrophysical Journal, 2007, 670, 1391-1400.	4.5	46