

C J A Howett

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,241
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1409
citing authors

#	ARTICLE	IF	CITATIONS
1	The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , 2015, 350, aad1815.	12.6	407
2	High heat flow from Enceladus' south polar region measured using $10^{\pm 600}$ cm ^{<sup>1</sup>} Cassini/CIRS data. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	145
3	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. <i>Science</i> , 2019, 363, 955-959.	12.6	116
4	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .	12.6	113
5	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	12.6	76
6	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	12.6	64
7	Pluto's interaction with its space environment: Solar wind, energetic particles, and dust. <i>Science</i> , 2016, 351, aad9045.	12.6	60
8	Lucy Mission to the Trojan Asteroids: Science Goals. <i>Planetary Science Journal</i> , 2021, 2, 171.	3.6	54
9	Composition of Pluto's small satellites: Analysis of New Horizons spectral images. <i>Icarus</i> , 2018, 315, 30-45.	2.5	49
10	The formation of Charon's red poles from seasonally cold-trapped volatiles. <i>Nature</i> , 2016, 539, 65-68.	27.8	44
11	Close Cassini flybys of Saturn's ring moons Pan, Daphnis, Atlas, Pandora, and Epimetheus. <i>Science</i> , 2019, 364, .	12.6	24
12	The distribution of H ₂ O, CH ₃ OH, and hydrocarbon-ices on Pluto: Analysis of New Horizons spectral images. <i>Icarus</i> , 2019, 331, 148-169.	2.5	21
13	Lucy Mission to the Trojan Asteroids: Instrumentation and Encounter Concept of Operations. <i>Planetary Science Journal</i> , 2021, 2, 172.	3.6	21
14	Great Expectations: Plans and Predictions for New Horizons Encounter With Kuiper Belt Object 2014 MU ₆₉ (æ Ultima Thuleæ). <i>Geophysical Research Letters</i> , 2018, 45, 8111-8120.	4.0	14
15	A Near-surface Temperature Model of Arrokoth. <i>Planetary Science Journal</i> , 2022, 3, 110.	3.6	9
16	Persephone: A Pluto-system Orbiter and Kuiper Belt Explorer. <i>Planetary Science Journal</i> , 2021, 2, 75.	3.6	7
17	Bolometric bond albedo and thermal inertia maps of Mimas. <i>Icarus</i> , 2020, 348, 113745.	2.5	6
18	Maps of Tethys's thermophysical properties. <i>Icarus</i> , 2019, 321, 705-714.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Extreme Exospheric Dynamics at Charon: Implications for the Red Spot. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
20	Limits on Dione's Activity Using Cassini/CIRS Data. <i>Geophysical Research Letters</i> , 2018, 45, 5876-5898.	4.0	2
21	Charon's refractory factory. <i>Science Advances</i> , 2022, 8, .	10.3	1