D P Cruikshank

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11370740/publications.pdf

Version: 2024-02-01

69	7,561	66343	106344
papers	citations	42 h-index	65 g-index

69	69	69	5702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Predicted Dearth of Majority Hypervolatile Ices in Oort Cloud Comets. Planetary Science Journal, 2022, 3, 112.	3.6	15
2	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. Science, 2020, 367, .	12.6	64
3	Detection of ammonia on Plutoâ€™s surface in a region of geologically recent tectonism. Science Advances, 2019, 5, eaav5731.	10.3	49
4	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. Science, 2019, 364, .	12.6	113
5	Prebiotic Chemistry of Pluto. Astrobiology, 2019, 19, 831-848.	3.0	26
6	Kuiper Belt object 2014MU₆₉, Pluto and Phoebe as windows on the composition of the early solar nebula. Proceedings of the International Astronomical Union, 2019, 15, 91-95.	0.0	1
7	The spectrum of Pluto, 0.40â€“0.93Î¼m. Astronomy and Astrophysics, 2016, 585, A131.	5.1	15
8	The formation of Charonâ€™s red poles from seasonally cold-trapped volatiles. Nature, 2016, 539, 65-68.	27.8	44
9	The atmosphere of Pluto as observed by New Horizons. Science, 2016, 351, aad8866.	12.6	201
10	Plutoâ€™s interaction with its space environment: Solar wind, energetic particles, and dust. Science, 2016, 351, aad9045.	12.6	60
11	The small satellites of Pluto as observed by New Horizons. Science, 2016, 351, aae0030.	12.6	78
12	The geology of Pluto and Charon through the eyes of New Horizons. Science, 2016, 351, 1284-1293.	12.6	219
13	Surface compositions across Pluto and Charon. Science, 2016, 351, aad9189.	12.6	242
14	(50000) Quaoar: Surface composition variability. Astronomy and Astrophysics, 2015, 584, A107.	5.1	21
15	The Pluto system: Initial results from its exploration by New Horizons. Science, 2015, 350, aad1815.	12.6	407
16	THE RADIAL DISTRIBUTION OF WATER ICE AND CHROMOPHORES ACROSS SATURN'S SYSTEM. Astrophysical Journal, 2013, 766, 76.	4.5	26
17	The Ices on Transneptunian Objects and Centaurs. Astrophysics and Space Science Library, 2013, , 107-146.	2.7	10
18	A TENTATIVE IDENTIFICATION OF HCN ICE ON TRITON. Astrophysical Journal Letters, 2010, 718, L53-L57.	8.3	51

#	Article	IF	Citations
19	Chemical Composition of Icy Satellite Surfaces. Space Science Reviews, 2010, 153, 113-154.	8.1	65
20	Generating an Atmosphere. Science, 2010, 330, 1755-1756.	12.6	2
21	Chemical Composition of Icy Satellite Surfaces. Space Sciences Series of ISSI, 2010, , 111-152.	0.0	0
22	OPTICAL CONSTANTS OF AMORPHOUS AND CRYSTALLINE H₂O-ICE: 2.5-22 Î¼m (4000-455) Tj ETQq0 0 0 rgBT /Overlock 1347-1356.	4.5	150
23	Composition of KBO (50000) Quaoar. Astronomy and Astrophysics, 2009, 501, 349-357.	5.1	49
24	Surface characterization of Pluto and Charon by L and M band spectra. Astronomy and Astrophysics, 2008, 490, 365-375.	5.1	37
25	Ices on (90377) Sedna: confirmation and compositional constraints. Astronomy and Astrophysics, 2007, 466, 395-398.	5.1	37
26	Surface composition of Hyperion. Nature, 2007, 448, 54-56.	27.8	56
27	Observations in the Saturn system during approach and orbital insertion, with Cassini's visual and infrared mapping spectrometer (VIMS). Astronomy and Astrophysics, 2006, 446, 707-716.	5.1	57
28	The Albedo, Size, and Density of Binary Kuiper Belt Object (47171) 1999 TC36. Astrophysical Journal, 2006, 643, 556-566.	4.5	44
29	THE ATMOSPHERES OF SATURN AND TITAN IN THE NEAR-INFRARED: FIRST RESULTS OF CASSINI/VIMS. Earth, Moon and Planets, 2006, 96, 119-147.	0.6	57
30	Near-infrared (0.8â€“4.0Â$mathsf{mu}$m) spectroscopy of Mimas, Enceladus, Tethys, and Rhea. Astronomy and Astrophysics, 2005, 435, 353-362.	5.1	94
31	Cassini Visual and Infrared Mapping Spectrometer Observations of Iapetus: Detection of CO 2. Astrophysical Journal, 2005, 622, L149-L152.	4.5	94
32	Release of volatiles from a possible cryovolcano from near-infrared imaging of Titan. Nature, 2005, 435, 786-789.	27.8	208
33	Is Sedna another Triton?. Astronomy and Astrophysics, 2005, 439, L1-L4.	5.1	65
34	The Spitzer Space Telescope Mission. Astrophysical Journal, Supplement Series, 2004, 154, 1-9.	7.7	2,410
35	The Cassini Visual And Infrared Mapping Spectrometer (Vims) Investigation. Space Science Reviews, 2004, 115, 111-168.	8.1	369
36	Spitzer Observations of the Dust Coma and Nucleus of 29P/Schwassmannâ€Wachmann 1. Astrophysical Journal, Supplement Series, 2004, 154, 463-468.	7.7	80

#	Article	IF	Citations
37	Compositions of Saturn's rings A, B, and C from high resolution near-infrared spectroscopic observations. Astronomy and Astrophysics, 2003, 412, 305-316.	5.1	72
38	Laboratory Astrophysics in Solar System Studies â€" An Overview. Astrophysics and Space Science Library, 1999, , 37-67.	2.7	2
39	Pluto's Planetary Status. Science, 1999, 283, 937-937.	12.6	2
40	Ethane on Pluto?. Science, 1999, 285, 1355c-1355.	12.6	2
41	Identification of Water Ice on the Centaur 1997 CU26. Science, 1998, 280, 1430-1432.	12.6	97
42	Surface Composition of Kuiper Belt Object 1993SC. Science, 1997, 276, 937-939.	12.6	53
43	Detection of ozone on Saturn's satellites Rhea and Dione. Nature, 1997, 388, 45-47.	27.8	171
44	Photochemistry of Triton's atmosphere and ionosphere. Journal of Geophysical Research, 1995, 100, 21271.	3.3	85
45	Is H2O Present on Io? The Detection of a New Strong Band Near 3590 cm-1 (2.79 Î¼m). Icarus, 1994, 107, 413-417.	2.5	20
46	Spectroscopy of Mars from 2.04 to 2.44Î¼m during the 1993 Opposition: Absolute Calibration and Atmospheric vs Mineralogic Origin of Narrow Absorption Features. Icarus, 1994, 111, 106-123.	2.5	39
47	Infrared Spectroscopy of Triton and Pluto Ice Analogs: The Case for Saturated Hydrocarbons. Icarus, 1994, 111, 151-173.	2.5	93
48	Temperature of Nitrogen Ice on Pluto and Its Implications for Flux Measurements. Icarus, 1994, 112, 513-527.	2.5	102
49	Ices on the Surface of Triton. Science, 1993, 261, 742-745.	12.6	263
50	Surface Ices and the Atmospheric Composition of Pluto. Science, 1993, 261, 745-748.	12.6	358
51	Spectroscopic Determination of the Phase Composition and Temperature of Nitrogen Ice on Triton. Science, 1993, 261, 751-754.	12.6	76
52	Solid Cî—¼N bearing material on outer solar system bodies. Icarus, 1991, 94, 345-353.	2.5	100
53	The 2.5â€"5.0 Î¼m spectra of Io: Evidence for H2S and H2O frozen in SO2. Icarus, 1990, 83, 66-82.	2.5	73
54	Triton: Do We See to the Surface?. Science, 1989, 245, 283-286.	12.6	28

#	Article	IF	Citations
55	Albedo maps of comets P/Halley and P/Giacobini-Zinner. , 1988, , 665-668.		2
56	Organic Matter on Asteroid 130 Elektra. Science, 1987, 238, 183-184.	12.6	28
57	Thermal-infrared and visual imaging of comet Giacobini-Zinner. Astrophysical Journal, 1986, 310, L61.	4.5	22
58	Sulfur Dioxide Ice on IO. , 1985, , 805-815.		6
59	The Meteorite-Asteroid Connection: Two Olivine-Rich Asteroids. Science, 1984, 223, 281-283.	12.6	64
60	IO: Could SO₂ condensation/sublimation cause the sometimes reported postâ€eclipse brightening?. Geophysical Research Letters, 1981, 8, 625-628.	4.0	18
61	SPECTROPHOTOMETRIC REMOTE SENSING OF PLANETS AND SATELLITES. Symposium - International Astronomical Union, 1981, 96, 57-87.	0.1	2
62	Spectrophotometric Remote Sensing of Planets and Satellites. , 1981, , 57-87.		5
63	Jupiter's Cloud Distribution Between the Voyager 1 and 2 Encounters: Results from 5-Micrometer Imaging. Science, 1979, 206, 995-996.	12.6	7
64	Infrared Images of Jupiter at 5-Micrometer Wavelength During the Voyager 1 Encounter. Science, 1979, 204, 1007-1008.	12.6	19
65	Triton - A satellite with an atmosphere. Astrophysical Journal, 1979, 233, 1016.	4.5	67
66	Absorption bands in the spectrum of Io. Astrophysical Journal, 1978, 225, L89.	4.5	48
67	Surface compositions of the satellites of Saturn from infrared photometry. Astrophysical Journal, 1976, 207, L213.	4.5	46
68	Moon: ?ghost? craters formed during mare filling. The Moon, 1973, 7, 440-452.	0.4	18
69	Lunar rilles and Hawaiian volcanic features: Possible analogues. The Moon, 1972, 3, 412-447.	0.4	57