

# W M Grundy

## List of Publications by Year in descending order

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218  
papers

8,837  
citations

36303

51  
h-index

62596

80  
g-index

223  
all docs

223  
docs citations

223  
times ranked

3552  
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	The temperature-dependent near-infrared absorption spectrum of hexagonal H <sub>2</sub> O ice. <i>Journal of Geophysical Research</i> , 1998, 103, 25809-25822.	3.3	291
3	Surface compositions across Pluto and Charon. <i>Science</i> , 2016, 351, aad9189.	12.6	242
4	The geology of Pluto and Charon through the eyes of New Horizons. <i>Science</i> , 2016, 351, 1284-1293.	12.6	219
5	The atmosphere of Pluto as observed by New Horizons. <i>Science</i> , 2016, 351, aad8866.	12.6	201
6	The Temperature-Dependent Spectrum of Methane Ice I between 0.7 and 5 $\frac{1}{4}$ $\mu$ m and Opportunities for Near-Infrared Remote Thermometry. <i>Icarus</i> , 2002, 155, 486-496.	2.5	135
7	Evidence for two populations of classical transneptunian objects: The strong inclination dependence of classical binaries. <i>Icarus</i> , 2008, 194, 758-768.	2.5	132
8	Near-Infrared Spectra of Icy Outer Solar System Surfaces: Remote Determination of H <sub>2</sub> O Ice Temperatures. <i>Icarus</i> , 1999, 142, 536-549.	2.5	130
9	Relative proper motions and the stellar velocity dispersion of the open cluster M67. <i>Astronomical Journal</i> , 1989, 98, 227.	4.7	130
10	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. <i>Science</i> , 2019, 363, 955-959.	12.6	116
11	The methane ice rich surface of large TNO 2005 FY9: a Pluto-twin in the trans-neptunian belt?. <i>Astronomy and Astrophysics</i> , 2006, 445, L35-L38.	5.1	114
12	Distributions of H <sub>2</sub> O and CO <sub>2</sub> ices on Ariel, Umbriel, Titania, and Oberon from IRTF/SpeX observations. <i>Icarus</i> , 2006, 184, 543-555.	2.5	113
13	Initial results from the New Horizons exploration of 2014 MU <sub>69</sub> , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .	12.6	113
14	Reorientation of Sputnik Planitia implies a subsurface ocean on Pluto. <i>Nature</i> , 2016, 540, 94-96.	27.8	108
15	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. <i>Astronomical Journal</i> , 2016, 152, 70.	4.7	105
16	Trans-Neptunian binaries as evidence for planetesimal formation by the streaming instability. <i>Nature Astronomy</i> , 2019, 3, 808-812.	10.1	102
17	High albedos of low inclination Classical Kuiper belt objects. <i>Icarus</i> , 2009, 201, 284-294.	2.5	101
18	Physical state and distribution of materials at the surface of Pluto from New Horizons LEISA imaging spectrometer. <i>Icarus</i> , 2017, 287, 229-260.	2.5	99

#	ARTICLE	IF	CITATIONS
19	Origin of the Pluto-Charon system: Constraints from the New Horizons flyby. <i>Icarus</i> , 2017, 287, 2-11.	2.5	99
20	Pluto's global surface composition through pixel-by-pixel Hapke modeling of New Horizons Ralph/LEISA data. <i>Icarus</i> , 2017, 287, 218-228.	2.5	95
21	The surface compositions of Pluto and Charon. <i>Icarus</i> , 2015, 246, 82-92.	2.5	94
22	Optical Properties of Ices From UV to Infrared. <i>Astrophysics and Space Science Library</i> , 1998, , 199-240.	2.7	91
23	Orbits and Photometry of Pluto's Satellites: Charon, S/2005 P1, and S/2005 P2. <i>Astronomical Journal</i> , 2006, 132, 290-298.	4.7	90
24	The correlated colors of transneptunian binaries. <i>Icarus</i> , 2009, 200, 292-303.	2.5	82
25	Near-infrared spectral monitoring of Triton with IRTF/SpeX II: Spatial distribution and evolution of ices. <i>Icarus</i> , 2010, 205, 594-604.	2.5	82
26	Global albedos of Pluto and Charon from LORRI New Horizons observations. <i>Icarus</i> , 2017, 287, 207-217.	2.5	82
27	Dunes on Pluto. <i>Science</i> , 2018, 360, 992-997.	12.6	81
28	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. <i>Science</i> , 2020, 367, .	12.6	79
29	The small satellites of Pluto as observed by New Horizons. <i>Science</i> , 2016, 351, aae0030.	12.6	78
30	Distribution and Evolution of CH <sub>4</sub> , N <sub>2</sub> , and CO Ices on Pluto's Surface: 1995 to 1998. <i>Icarus</i> , 2001, 153, 248-263.	2.5	77
31	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	12.6	76
32	MASSES OF NIX AND HYDRA. <i>Astronomical Journal</i> , 2008, 135, 777-784.	4.7	75
33	Basins, fractures and volcanoes: Global cartography and topography of Pluto from New Horizons. <i>Icarus</i> , 2018, 314, 400-433.	2.5	75
34	New Horizons: Anticipated Scientific Investigations at the Pluto System. <i>Space Science Reviews</i> , 2008, 140, 93-127.	8.1	74
35	The Pluto System After <i>New Horizons</i> . <i>Annual Review of Astronomy and Astrophysics</i> , 2018, 56, 357-392.	24.3	72
36	Near-infrared spectral monitoring of Pluto's ices: Spatial distribution and secular evolution. <i>Icarus</i> , 2013, 223, 710-721.	2.5	70

#	ARTICLE	IF	CITATIONS
37	PLUTO AND CHARON WITH THE HUBBLE SPACE TELESCOPE. II. RESOLVING CHANGES ON PLUTO'S SURFACE AND A MAP FOR CHARON. <i>Astronomical Journal</i> , 2010, 139, 1128-1143.	4.7	69
38	Thermal properties of Pluto's and Charon's surfaces from Spitzer observations. <i>Icarus</i> , 2011, 214, 701-716.	2.5	69
39	Five new and three improved mutual orbits of transneptunian binaries. <i>Icarus</i> , 2011, 213, 678-692.	2.5	64
40	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	12.6	64
41	The Temperature-Dependent Spectra of $\hat{1}\pm$ and $\hat{1}^2$ Nitrogen Ice with Application to Triton. <i>Icarus</i> , 1993, 105, 254-258.	2.5	63
42	Dust deposition at the Mars Pathfinder landing site: observations and modeling of visible/near-infrared spectra. <i>Icarus</i> , 2003, 163, 330-346.	2.5	63
43	METHANE AND NITROGEN ABUNDANCES ON PLUTO AND ERIS. <i>Astrophysical Journal</i> , 2010, 725, 1296-1305.	4.5	63
44	KCTF evolution of trans-neptunian binaries: Connecting formation to observation. <i>Icarus</i> , 2012, 220, 947-957.	2.5	63
45	New Horizons Mapping of Europa and Ganymede. <i>Science</i> , 2007, 318, 234-237.	12.6	62
46	Visible spectroscopy of 2003 UB313: evidence for N <sub>2</sub> ice on the surface of the largest TNO?. <i>Astronomy and Astrophysics</i> , 2006, 458, L5-L8.	5.1	60
47	Pluto's interaction with its space environment: Solar wind, energetic particles, and dust. <i>Science</i> , 2016, 351, aad9045.	12.6	60
48	Craters of the Pluto-Charon system. <i>Icarus</i> , 2017, 287, 187-206.	2.5	59
49	POST-CAPTURE EVOLUTION OF POTENTIALLY HABITABLE EXOMOONS. <i>Astrophysical Journal Letters</i> , 2011, 736, L14.	8.3	58
50	Diverse albedos of small trans-neptunian objects. <i>Icarus</i> , 2005, 176, 184-191.	2.5	56
51	Long-term surface temperature modeling of Pluto. <i>Icarus</i> , 2017, 287, 37-46.	2.5	55
52	The orbit, mass, size, albedo, and density of (65489) Ceto/Phorcys: A tidally-evolved binary Centaur. <i>Icarus</i> , 2007, 191, 286-297.	2.5	54
53	The nitrogen cycles on Pluto over seasonal and astronomical timescales. <i>Icarus</i> , 2018, 309, 277-296.	2.5	54
54	Lucy Mission to the Trojan Asteroids: Science Goals. <i>Planetary Science Journal</i> , 2021, 2, 171.	3.6	54

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55	Spectrogonio radiometer for the study of the bidirectional reflectance and polarization functions of planetary surfaces 1 Design and tests. <i>Applied Optics</i> , 2004, 43, 1926.	2.1	53
56	Discovery of co2 ice and leadingâ€“trailing spectral asymmetry on the uranian satellite ariel. <i>Icarus</i> , 2003, 162, 222-229.	2.5	52
57	Geological mapping of Sputnik Planitia on Pluto. <i>Icarus</i> , 2017, 287, 261-286.	2.5	52
58	DISCOVERY OF A MAKEMAKEAN MOON. <i>Astrophysical Journal Letters</i> , 2016, 825, L9.	8.3	51
59	Sublimation as a landform-shaping process on Pluto. <i>Icarus</i> , 2017, 287, 320-333.	2.5	51
60	Pluto's haze as a surface material. <i>Icarus</i> , 2018, 314, 232-245.	2.5	50
61	Synoptic CCD Spectrophotometry of Pluto Over the Past 15 Years. <i>Icarus</i> , 1996, 124, 329-343.	2.5	49
62	Spectrophotometric properties of materials observed by Pancam on the Mars Exploration Rovers: 1. Spirit. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	49
63	PLUTO AND CHARON WITH THE HUBBLE SPACE TELESCOPE. MONITORING GLOBAL CHANGE AND IMPROVED SURFACE PROPERTIES FROM LIGHT CURVES. <i>Astronomical Journal</i> , 2010, 139, 1117-1127.	4.7	49
64	Composition of Pluto's small satellites: Analysis of New Horizons spectral images. <i>Icarus</i> , 2018, 315, 30-45.	2.5	49
65	Detection of ammonia on Pluto's surface in a region of geologically recent tectonism. <i>Science Advances</i> , 2019, 5, eaav5731.	10.3	49
66	Physical properties of trans-neptunian binaries (120347) Salaciaâ€“Actaea and (42355) Typhonâ€“Echidna. <i>Icarus</i> , 2012, 219, 676-688.	2.5	48
67	Pluto's Spectrum from 1.0 to 4.2 Î¼m: Implications for Surface Properties. <i>Astronomical Journal</i> , 2007, 133, 420-431.	4.7	47
68	Bladed Terrain on Pluto: Possible origins and evolution. <i>Icarus</i> , 2018, 300, 129-144.	2.5	47
69	(42355) Typhonâ€“Echidna: Scheduling observations for binary orbit determination. <i>Icarus</i> , 2008, 197, 260-268.	2.5	45
70	Recent cryovolcanism in Virgil Fossae on Pluto. <i>Icarus</i> , 2019, 330, 155-168.	2.5	45
71	The Albedo, Size, and Density of Binary Kuiper Belt Object (47171) 1999 TC36. <i>Astrophysical Journal</i> , 2006, 643, 556-566.	4.5	44
72	The formation of Charon's red poles from seasonally cold-trapped volatiles. <i>Nature</i> , 2016, 539, 65-68.	27.8	44

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73	Spectrogoniometry and modeling of martian and lunar analog samples and Apollo soils. <i>Icarus</i> , 2013, 223, 383-406.	2.5	43
74	Visible/near-infrared spectra and two-layer modeling of palagonite-coated basalts. <i>Geophysical Research Letters</i> , 2001, 28, 2101-2104.	4.0	42
75	New Horizons Observations of the Cosmic Optical Background. <i>Astrophysical Journal</i> , 2021, 906, 77.	4.5	42
76	(47171) 1999 TC36, A transneptunian triple. <i>Icarus</i> , 2010, 207, 978-991.	2.5	41
77	Evidence of N <sub>2</sub> -ice on the surface of the icy dwarf Planet 136472 (2005 FY9). <i>Icarus</i> , 2008, 195, 844-850.	2.5	40
78	Optical Spectroscopy of the Large Kuiper Belt Objects 136472 (2005 FY9) and 136108 (2003 EL61). <i>Astronomical Journal</i> , 2007, 133, 526-530.	4.7	39
79	Solar Gardening and the Seasonal Evolution of Nitrogen Ice on Triton and Pluto. <i>Icarus</i> , 2000, 148, 340-346.	2.5	38
80	A Monte Carlo ray-tracing model for scattering and polarization by large particles with complex shapes. <i>Journal of Geophysical Research</i> , 2000, 105, 29291-29314.	3.3	38
81	Is the missing ultra-red material colorless ice?. <i>Icarus</i> , 2009, 199, 560-563.	2.5	38
82	Mutual orbits and masses of six transneptunian binaries. <i>Icarus</i> , 2009, 200, 627-635.	2.5	38
83	Ices on Charon: Distribution of H <sub>2</sub> O and NH <sub>3</sub> from New Horizons LEISA observations. <i>Icarus</i> , 2018, 300, 21-32.	2.5	38
84	The CH <sub>4</sub> cycles on Pluto over seasonal and astronomical timescales. <i>Icarus</i> , 2019, 329, 148-165.	2.5	38
85	Evidence for Ammonia-bearing Species on the Uranian Satellite Ariel Supports Recent Geologic Activity. <i>Astrophysical Journal Letters</i> , 2020, 898, L22.	8.3	38
86	Spatial and Compositional Constraints on Non-ice Components and H <sub>2</sub> O on Pluto's Surface. <i>Icarus</i> , 2002, 157, 128-138.	2.5	37
87	OSS (Outer Solar System): a fundamental and planetary physics mission to Neptune, Triton and the Kuiper Belt. <i>Experimental Astronomy</i> , 2012, 34, 203-242.	3.7	37
88	Surface characterization of Pluto and Charon by L and M band spectra. <i>Astronomy and Astrophysics</i> , 2008, 490, 365-375.	5.1	37
89	The Unusual Spectra of 15 Near-Earth Asteroids and Extinct Comet Candidates. <i>Icarus</i> , 1998, 133, 69-78.	2.5	36
90	Spectrophotometric properties of materials observed by Pancam on the Mars Exploration Rovers: 2. Opportunity. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	36

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91	On the surface composition of Triton's southern latitudes. <i>Icarus</i> , 2016, 267, 255-266.	2.5	35
92	Mutual orbit orientations of transneptunian binaries. <i>Icarus</i> , 2019, 334, 62-78.	2.5	35
93	The rapid formation of Sputnik Planitia early in Pluto's history. <i>Nature</i> , 2016, 540, 97-99.	27.8	34
94	Climate zones on Pluto and Charon. <i>Icarus</i> , 2017, 287, 30-36.	2.5	34
95	Near-infrared spectral monitoring of Triton with IRTF/SpeX I: establishing a baseline for rotational variability. <i>Icarus</i> , 2004, 172, 455-465.	2.5	33
96	ICE MINERALOGY ACROSS AND INTO THE SURFACES OF PLUTO, TRITON, AND ERIS. <i>Astrophysical Journal</i> , 2012, 751, 76.	4.5	33
97	Optical and infrared colors of transneptunian objects observed with HST. <i>Icarus</i> , 2011, 213, 693-709.	2.5	32
98	THE ORBIT OF CHARON IS CIRCULAR. <i>Astronomical Journal</i> , 2012, 144, 15.	4.7	32
99	Anomalous Flux in the Cosmic Optical Background Detected with New Horizons Observations. <i>Astrophysical Journal Letters</i> , 2022, 927, L8.	8.3	32
100	The orbit, mass, and albedo of transneptunian binary (66652) 1999 RZ253. <i>Icarus</i> , 2004, 172, 402-407.	2.5	31
101	Radiative transfer modeling of dust-coated Pancam calibration target materials: Laboratory visible/near-infrared spectrogoniometry. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	31
102	The mutual orbit, mass, and density of the large transneptunian binary system Varda and Ilmaris. <i>Icarus</i> , 2015, 257, 130-138.	2.5	31
103	On the origin & thermal stability of Arrokoth's and Pluto's ices. <i>Icarus</i> , 2021, 356, 114072.	2.5	31
104	The Orbit and Albedo of Trans-Neptunian Binary (58534) 1997 CQ29. <i>Astronomical Journal</i> , 2004, 128, 2547-2552.	4.7	30
105	Geology before Pluto: Pre-encounter considerations. <i>Icarus</i> , 2015, 246, 65-81.	2.5	29
106	Breaking up is hard to do: Global cartography and topography of Pluto's mid-sized icy Moon Charon from New Horizons. <i>Icarus</i> , 2018, 315, 124-145.	2.5	29
107	Discovery of a binary Centaur. <i>Icarus</i> , 2006, 184, 611-618.	2.5	28
108	Mutual events in the Cold Classical transneptunian binary system Sila and Nunam. <i>Icarus</i> , 2012, 220, 74-83.	2.5	28

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109	Detection of Two Binary Trans-Neptunian Objects, 1997 CQ[TINF]29[/TINF] and 2000 CF[TINF]105[/TINF], with the [ITAL]Hubble Space Telescope[/ITAL]. <i>Astronomical Journal</i> , 2002, 124, 3424-3429.	4.7	28
110	sbpy: A Python module for small-body planetary astronomy. <i>Journal of Open Source Software</i> , 2019, 4, 1426.	4.6	28
111	Organic materials in planetary and protoplanetary systems: nature or nurture?. <i>Astronomy and Astrophysics</i> , 2011, 533, A98.	5.1	27
112	The mutual orbit, mass, and density of transneptunian binary GÇfkÃnÇhÃ2mdÃmÃ (229762 2007 UK126). <i>Icarus</i> , 2019, 334, 30-38.	2.5	27
113	Amorphous and Crystalline H2O-Ice. <i>Astrophysics and Space Science Library</i> , 2013, , 371-408.	2.7	27
114	Absorption coefficients of the methane-nitrogen binary ice system: Implications for Pluto. <i>Icarus</i> , 2015, 253, 179-188.	2.5	26
115	The nature and origin of Charon's smooth plains. <i>Icarus</i> , 2019, 323, 16-32.	2.5	26
116	Prebiotic Chemistry of Pluto. <i>Astrobiology</i> , 2019, 19, 831-848.	3.0	26
117	Buoyancy of ice in the CH4-N2 system. <i>Icarus</i> , 2012, 219, 733-736.	2.5	25
118	The Global Color of Pluto from New Horizons. <i>Astronomical Journal</i> , 2017, 154, 258.	4.7	25
119	Spectroscopy of Pluto and Triton at 3-4 Microns: Possible Evidence for Wide Distribution of Nonvolatile Solids. <i>Astronomical Journal</i> , 2002, 124, 2273-2278.	4.7	25
120	Visible/near-infrared spectrogoniometric observations and modeling of dust-coated rocks. <i>Icarus</i> , 2004, 171, 546-556.	2.5	24
121	Pluto: Pits and mantles on uplands north and east of Sputnik Planitia. <i>Icarus</i> , 2017, 293, 218-230.	2.5	24
122	The nature of Europa's dark non-ice surface material: Spatially-resolved high spectral resolution spectroscopy from the Keck telescope. <i>Icarus</i> , 2006, 182, 202-210.	2.5	23
123	Photometric Observations and Modeling of Asteroid 1620 Geographos. <i>Icarus</i> , 1996, 123, 227-244.	2.5	22
124	The distribution of H2O, CH3OH, and hydrocarbon-ices on Pluto: Analysis of New Horizons spectral images. <i>Icarus</i> , 2019, 331, 148-169.	2.5	21
125	Binary Planetesimal Formation from Gravitationally Collapsing Pebble Clouds. <i>Planetary Science Journal</i> , 2021, 2, 27.	3.6	21
126	Lucy Mission to the Trojan Asteroids: Instrumentation and Encounter Concept of Operations. <i>Planetary Science Journal</i> , 2021, 2, 172.	3.6	21



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127	The Science Case for Spacecraft Exploration of the Uranian Satellites: Candidate Ocean Worlds in an Ice Giant System. <i>Planetary Science Journal</i> , 2021, 2, 120.	3.6	19
128	Evidence for longitudinal variability of ethane ice on the surface of Pluto. <i>Icarus</i> , 2014, 243, 104-110.	2.5	18
129	Disk-resolved Photometric Properties of Pluto and the Coloring Materials across its Surface. <i>Astronomical Journal</i> , 2020, 159, 74.	4.7	18
130	A new spectrum of Triton near the time of the Voyager encounter. <i>Icarus</i> , 1991, 93, 379-385.	2.5	17
131	Observed Ices in the Solar System. <i>Astrophysics and Space Science Library</i> , 2013, , 3-46.	2.7	17
132	Spectroscopy from Space. <i>Reviews in Mineralogy and Geochemistry</i> , 2014, 78, 399-446.	4.8	17
133	Near-infrared spectral monitoring of Pluto's ices II: Recent decline of CO and N <sub>2</sub> ice absorptions. <i>Icarus</i> , 2014, 235, 220-224.	2.5	17
134	OSSOS. IV. DISCOVERY OF A DWARF PLANET CANDIDATE IN THE 9:2 RESONANCE WITH NEPTUNE. <i>Astronomical Journal</i> , 2016, 152, 212.	4.7	17
135	Albedo matters: Understanding runaway albedo variations on Pluto. <i>Icarus</i> , 2018, 303, 1-9.	2.5	17
136	The mass and density of the dwarf planet (225088) 2007 OR10. <i>Icarus</i> , 2019, 334, 3-10.	2.5	16
137	Digging into the surface of the icy dwarf planet Eris. <i>Icarus</i> , 2009, 199, 520-525.	2.5	15
138	The spectrum of Pluto, 0.40–0.93 $\mu$ m. <i>Astronomy and Astrophysics</i> , 2016, 585, A131.	5.1	15
139	Measuring temperature and ammonia hydrate ice on Charon in 2015 from Keck/OSIRIS spectra. <i>Icarus</i> , 2017, 284, 394-406.	2.5	15
140	Probing the regoliths of the classical Uranian satellites: Are their surfaces mantled by a layer of tiny H <sub>2</sub> O ice grains?. <i>Icarus</i> , 2020, 338, 113513.	2.5	15
141	Triton: Fascinating Moon, Likely Ocean World, Compelling Destination!. <i>Planetary Science Journal</i> , 2021, 2, 137.	3.6	15
142	Large-scale cryovolcanic resurfacing on Pluto. <i>Nature Communications</i> , 2022, 13, 1542.	12.8	15
143	A Predicted Dearth of Majority Hypervolatile Ices in Oort Cloud Comets. <i>Planetary Science Journal</i> , 2022, 3, 112.	3.6	15
144	Photometric and spectroscopic observations of 5145 pholus. <i>Journal of Geophysical Research</i> , 1993, 98, 7403-7407.	3.3	14

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145	Inflight radiometric calibration of New Horizons™ Multispectral Visible Imaging Camera (MVIC). <i>Icarus</i> , 2017, 287, 140-151.	2.5	14
146	Great Expectations: Plans and Predictions for New Horizons Encounter With Kuiper Belt Object 2014 MU <sub>69</sub> (â€œUltima Thuleâ€). <i>Geophysical Research Letters</i> , 2018, 45, 8111-8120.	4.0	14
147	Methane distribution on Pluto as mapped by the New Horizons Ralph/MVIC instrument. <i>Icarus</i> , 2018, 314, 195-209.	2.5	14
148	Trans-Neptunian binaries (2018). , 2020, , 205-224.		14
149	Long-term evolution of the aerosol debris cloud produced by the 2009 impact on Jupiter. <i>Icarus</i> , 2011, 214, 462-476.	2.5	13
150	Remote sensing D/H ratios in methane ice: Temperature-dependent absorption coefficients of CH <sub>3</sub> D in methane ice and in nitrogen ice. <i>Icarus</i> , 2011, 212, 941-949.	2.5	13
151	ASTROMETRY AND ORBITS OF NIX, KERBEROS, AND HYDRA. <i>Astronomical Journal</i> , 2013, 146, 152.	4.7	13
152	Detection of a Satellite of the Trojan Asteroid (3548) Eurybatesâ€”A Lucy Mission Target. <i>Planetary Science Journal</i> , 2020, 1, 44.	3.6	13
153	HST Photometry of trans-Neptunian Objects. <i>Earth, Moon and Planets</i> , 2003, 92, 251-260.	0.6	12
154	Near-Infrared Spectrum of Low-Inclination Classical Kuiper Belt Object (79360) 1997 CS <sub>29</sub> . <i>Astronomical Journal</i> , 2005, 130, 1299-1301.	4.7	12
155	Spectrophotometric properties of materials observed by Pancam on the Mars Exploration Rovers: 3. Sols 500â€”1525. <i>Icarus</i> , 2015, 248, 25-71.	2.5	12
156	Landslides on Charon. <i>Icarus</i> , 2020, 335, 113383.	2.5	12
157	Equatorial mountains on Pluto are covered by methane frosts resulting from a unique atmospheric process. <i>Nature Communications</i> , 2020, 11, 5056.	12.8	12
158	A Multiwavelength Investigation of the Merging Galaxy HCG 95C. <i>Astronomical Journal</i> , 1995, 109, 2362.	4.7	12
159	Ejecta transfer in the Pluto system. <i>Icarus</i> , 2015, 246, 360-368.	2.5	11
160	Physical Characterization of TNOs with the <i>James Webb Space Telescope</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018010.	3.1	11
161	The upcoming mutual event season for the Patroclusâ€”Menoetius Trojan binary. <i>Icarus</i> , 2018, 305, 198-202.	2.5	11
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