

# Leslie A Young

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

162  
papers

6,018  
citations

45  
h-index

72  
g-index

164  
ext. papers

6,828  
ext. citations

9.5  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
162	A bimodal distribution of haze in Pluto's atmosphere.. <i>Nature Communications</i> , <b>2022</b> , 13, 240	17.4	0
161	Anomalous Flux in the Cosmic Optical Background Detected with New Horizons Observations. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 927, L8	7.9	1
160	Large-scale cryovolcanic resurfacing on Pluto.. <i>Nature Communications</i> , <b>2022</b> , 13, 1542	17.4	0
159	The Diverse Shapes of Dwarf Planet and Large KBO Phase Curves Observed from New Horizons. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 95	2.9	0
158	A Near-surface Temperature Model of Arrokoth. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 110	2.9	3
157	A Predicted Dearth of Majority Hypervolatile Ices in Oort Cloud Comets. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 112	2.9	1
156	Upper Limits on the Escape of Volatiles from (486958) Arrokoth Using New Horizons Alice Ultraviolet Spectrograph Observations. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 111	2.9	1
155	Detection of Radio Thermal Emission from the Kuiper Belt Object (486958) Arrokoth during the New Horizons Encounter. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 109	2.9	2
154	The Dark Side of Pluto. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 214	2.9	1
153	Tracing seasonal trends across Pluto's craters: New horizons Ralph/MVIC results. <i>Icarus</i> , <b>2021</b> , 114771	3.8	
152	New Horizons Detection of the Local Galactic Lyman- $\alpha$ Background. <i>Astronomical Journal</i> , <b>2021</b> , 162, 241	4.9	1
151	Evaluation of short-term temporal evolution of Pluto's surface composition from 2014-2017 with APO/TripleSpec. <i>Icarus</i> , <b>2021</b> , 373, 114729	3.8	
150	Volatile transport modeling on Triton with new observational constraints. <i>Icarus</i> , <b>2021</b> , 114764	3.8	0
149	On the origin & thermal stability of Arrokoth's and Pluto's ices. <i>Icarus</i> , <b>2021</b> , 356, 114072	3.8	15
148	Modeling Pluto's minimum pressure: Implications for haze production. <i>Icarus</i> , <b>2021</b> , 356, 114070	3.8	6
147	Persephone: A Pluto-system Orbiter and Kuiper Belt Explorer. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 75	2.9	4
146	Pluto's Haze Abundance and Size Distribution from Limb Scatter Observations by MVIC. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 91	2.9	2

145	Pluto's Sputnik Planitia: Composition of geological units from infrared spectroscopy. <i>Icarus</i> , <b>2021</b> , 359, 114303	3.8	3
144	Charon's Far Side Geomorphology. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 141	2.9	0
143	Pluto's Far Side. <i>Icarus</i> , <b>2021</b> , 356, 113805	3.8	11
142	Cryovolcanic flooding in Viking Terra on Pluto. <i>Icarus</i> , <b>2021</b> , 356, 113786	3.8	3
141	Global compositional cartography of Pluto from intensity-based registration of LEISA data. <i>Icarus</i> , <b>2021</b> , 356, 113833	3.8	5
140	Distribution and energy balance of Pluto's nitrogen ice, as seen by New Horizons in 2015. <i>Icarus</i> , <b>2021</b> , 356, 113633	3.8	3
139	Constraints on Pluto's H and CH <sub>4</sub> profiles from New Horizons Alice Ly $\alpha$ observations. <i>Icarus</i> , <b>2021</b> , 356, 113973	3.8	1
138	A major ice component in Pluto's haze. <i>Nature Astronomy</i> , <b>2021</b> , 5, 289-297	12.1	8
137	High-resolution radiometry of Pluto at 4.2 $\mu$ m with New Horizons. <i>Icarus</i> , <b>2021</b> , 363, 114430	3.8	1
136	New Constraints on Pluto's Sputnik Planitia Ice Sheet from a Coupled Reorientation-Climate Model. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 194	2.9	2
135	New Horizons Observations of the Cosmic Optical Background. <i>Astrophysical Journal</i> , <b>2021</b> , 906, 77	4.7	10
134	New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Pluto's Atmosphere. <i>Astronomical Journal</i> , <b>2020</b> , 159, 26	4.9	1
133	In-flight Performance and Calibration of the LOng Range Reconnaissance Imager (LORRI) for the New Horizons Mission. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2020</b> , 132, 035003	5	8
132	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , <b>2020</b> , 367,	33.3	35
131	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , <b>2020</b> , 367,	33.3	43
130	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. <i>Science</i> , <b>2020</b> , 367,	33.3	40
129	Disk-resolved Photometric Properties of Pluto and the Coloring Materials across its Surface. <i>Astronomical Journal</i> , <b>2020</b> , 159, 74	4.9	11
128	Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. <i>Astronomical Journal</i> , <b>2020</b> , 159, 274	4.9	7

127	Influence of Solar Disturbances on Galactic Cosmic Rays in the Solar Wind, Heliosheath, and Local Interstellar Medium: Advanced Composition Explorer, New Horizons, and Voyager Observations. <i>Astrophysical Journal</i> , <b>2020</b> , 905, 69	4.7	6
126	Pluto's Beating Heart Regulates the Atmospheric Circulation: Results From High-Resolution and Multiyear Numerical Climate Simulations. <i>Journal of Geophysical Research E: Planets</i> , <b>2020</b> , 125, e2019JE006120 <sup>10</sup>	4.1	10
125	Volatile evolution and atmospheres of Trans-Neptunian objects <b>2020</b> , 127-151		3
124	The Pluto system after New Horizons <b>2020</b> , 271-288		5
123	Charon: A Brief History of Tides. <i>Journal of Geophysical Research E: Planets</i> , <b>2020</b> , 125, e2020JE006449	4.1	3
122	The nature and origin of Charon's smooth plains. <i>Icarus</i> , <b>2019</b> , 323, 16-32	3.8	14
121	Geologic Landforms and Chronostratigraphic History of Charon as Revealed by a Hemispheric Geologic Map. <i>Journal of Geophysical Research E: Planets</i> , <b>2019</b> , 124, 155-174	4.1	6
120	Detection of ammonia on Pluto's surface in a region of geologically recent tectonism. <i>Science Advances</i> , <b>2019</b> , 5, eaav5731	14.3	33
119	New Horizons Observations of the Atmosphere of Pluto. <i>Annual Review of Earth and Planetary Sciences</i> , <b>2019</b> , 47, 119-140	15.3	13
118	Initial results from the New Horizons exploration of 2014 MU, a small Kuiper Belt object. <i>Science</i> , <b>2019</b> , 364,	33.3	80
117	Constraining the IMF at Pluto Using New Horizons SWAP Data and Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1568-1581	2.6	2
116	The CH <sub>4</sub> cycles on Pluto over seasonal and astronomical timescales. <i>Icarus</i> , <b>2019</b> , 329, 148-165	3.8	30
115	Recent cryovolcanism in Virgil Fossae on Pluto. <i>Icarus</i> , <b>2019</b> , 330, 155-168	3.8	24
114	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. <i>Science</i> , <b>2019</b> , 363, 955-959	33.3	77
113	New Horizons Photometry of Pluto's Moon Charon. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 874, L3	7.9	5
112	Prebiotic Chemistry of Pluto. <i>Astrobiology</i> , <b>2019</b> , 19, 831-848	3.7	13
111	Suprathermal Ions in the Outer Heliosphere. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 46	4.7	8
110	Phase Curves from the Kuiper Belt: Photometric Properties of Distant Kuiper Belt Objects Observed by New Horizons. <i>Astronomical Journal</i> , <b>2019</b> , 158, 123	4.9	10

109	Lower atmosphere and pressure evolution on Pluto from ground-based stellar occultations, 1988-2016. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 625, A42	5.1	19
108	Pluto's Interaction With Energetic Heliospheric Ions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 7413-7424	2.6	1
107	The distribution of H <sub>2</sub> O, CH <sub>3</sub> OH, and hydrocarbon-ices on Pluto: Analysis of New Horizons spectral images. <i>Icarus</i> , <b>2019</b> , 331, 148-169	3.8	14
106	Washboard and fluted terrains on Pluto as evidence for ancient glaciation. <i>Nature Astronomy</i> , <b>2019</b> , 3, 62-68	12.1	7
105	Ongoing resurfacing of KBO Eris by volatile transport in local, collisional, sublimation atmosphere regime. <i>Icarus</i> , <b>2019</b> , 334, 52-61	3.8	7
104	Radio thermal emission from Pluto and Charon during the New Horizons encounter. <i>Icarus</i> , <b>2019</b> , 322, 192-209	3.8	5
103	An upper limit on Pluto's ionosphere from radio occultation measurements with New Horizons. <i>Icarus</i> , <b>2018</b> , 307, 17-24	3.8	23
102	The nitrogen cycles on Pluto over seasonal and astronomical timescales. <i>Icarus</i> , <b>2018</b> , 309, 277-296	3.8	45
101	Albedo matters: Understanding runaway albedo variations on Pluto. <i>Icarus</i> , <b>2018</b> , 303, 1-9	3.8	13
100	Phase Curves of Nix and Hydra from the New Horizons Imaging Cameras. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 852, L35	7.9	6
99	The New Horizons and Hubble Space Telescope search for rings, dust, and debris in the Pluto-Charon system. <i>Icarus</i> , <b>2018</b> , 301, 155-172	3.8	9
98	Bladed Terrain on Pluto: Possible origins and evolution. <i>Icarus</i> , <b>2018</b> , 300, 129-144	3.8	36
97	Ices on Charon: Distribution of H <sub>2</sub> O and NH <sub>3</sub> from New Horizons LEISA observations. <i>Icarus</i> , <b>2018</b> , 300, 21-32	3.8	29
96	Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , <b>2018</b> , 300, 174-199	3.8	73
95	K2 precision lightcurve: Twelve days in the Pluto-Charon system. <i>Icarus</i> , <b>2018</b> , 314, 265-273	3.8	4
94	Great Expectations: Plans and Predictions for New Horizons Encounter With Kuiper Belt Object 2014 MU69 (Ultima Thule) <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8111-8120	4.9	11
93	The Lyman- $\alpha$ Sky Background as Observed by New Horizons. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8022-8028	4.9	14
92	Pluto's haze as a surface material. <i>Icarus</i> , <b>2018</b> , 314, 232-245	3.8	35

91	Methane distribution on Pluto as mapped by the New Horizons Ralph/MVIC instrument. <i>Icarus</i> , <b>2018</b> , 314, 195-209	3.8	12
90	Basins, fractures and volcanoes: Global cartography and topography of Pluto from New Horizons. <i>Icarus</i> , <b>2018</b> , 314, 400-433	3.8	57
89	A search for temporal changes on Pluto and Charon. <i>Icarus</i> , <b>2018</b> , 302, 273-284	3.8	10
88	Investigation of Charon's Craters With Abrupt Terminus Ejecta, Comparisons With Other Icy Bodies, and Formation Implications. <i>Journal of Geophysical Research E: Planets</i> , <b>2018</b> , 123, 20-36	4.1	7
87	The Pluto System After New Horizons. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2018</b> , 56, 357-392	31.7	51
86	Determining the Alpha to Proton Density Ratio for the New Horizons Solar Wind Observations. <i>Astrophysical Journal</i> , <b>2018</b> , 866, 85	4.7	9
85	Composition of Pluto's small satellites: Analysis of New Horizons spectral images. <i>Icarus</i> , <b>2018</b> , 315, 30-45	4.8	34
84	Breaking up is hard to do: Global cartography and topography of Pluto's mid-sized icy Moon Charon from New Horizons. <i>Icarus</i> , <b>2018</b> , 315, 124-145	3.8	23
83	Inflight radiometric calibration of New Horizons' Multispectral Visible Imaging Camera (MVIC). <i>Icarus</i> , <b>2017</b> , 287, 140-151	3.8	11
82	Geological mapping of Sputnik Planitia on Pluto. <i>Icarus</i> , <b>2017</b> , 287, 261-286	3.8	43
81	Modeling glacial flow on and onto Pluto's Sputnik Planitia. <i>Icarus</i> , <b>2017</b> , 287, 301-319	3.8	31
80	Haze in Pluto's atmosphere. <i>Icarus</i> , <b>2017</b> , 290, 112-133	3.8	58
79	Pluto: Pits and mantles on uplands north and east of Sputnik Planitia. <i>Icarus</i> , <b>2017</b> , 293, 218-230	3.8	21
78	Radio occultation measurements of Pluto's neutral atmosphere with New Horizons. <i>Icarus</i> , <b>2017</b> , 290, 96-111	3.8	59
77	Charon tectonics. <i>Icarus</i> , <b>2017</b> , 287, 161-174	3.8	24
76	Physical state and distribution of materials at the surface of Pluto from New Horizons LEISA imaging spectrometer. <i>Icarus</i> , <b>2017</b> , 287, 229-260	3.8	79
75	Past epochs of significantly higher pressure atmospheres on Pluto. <i>Icarus</i> , <b>2017</b> , 287, 47-53	3.8	45
74	Measuring temperature and ammonia hydrate ice on Charon in 2015 from Keck/OSIRIS spectra. <i>Icarus</i> , <b>2017</b> , 284, 394-406	3.8	10

73	Pluto's global surface composition through pixel-by-pixel Hapke modeling of New Horizons Ralph/LEISA data. <i>Icarus</i> , <b>2017</b> , 287, 218-228	3.8	83
72	Volatile transport on inhomogeneous surfaces: II. Numerical calculations (VT3D). <i>Icarus</i> , <b>2017</b> , 284, 443-478	3.8	8
71	The Global Color of Pluto from New Horizons. <i>Astronomical Journal</i> , <b>2017</b> , 154, 258	4.9	22
70	New Horizons Upper Limits on O <sub>2</sub> in Pluto's Present Day Atmosphere. <i>Astronomical Journal</i> , <b>2017</b> , 154, 55	4.9	6
69	Constraints on the microphysics of Pluto's photochemical haze from New Horizons observations. <i>Icarus</i> , <b>2017</b> , 287, 116-123	3.8	60
68	Global albedos of Pluto and Charon from LORRI New Horizons observations. <i>Icarus</i> , <b>2017</b> , 287, 207-217	3.8	66
67	Climate zones on Pluto and Charon. <i>Icarus</i> , <b>2017</b> , 287, 30-36	3.8	28
66	Sublimation as a landform-shaping process on Pluto. <i>Icarus</i> , <b>2017</b> , 287, 320-333	3.8	42
65	Mean radius and shape of Pluto and Charon from New Horizons images. <i>Icarus</i> , <b>2017</b> , 287, 12-29	3.8	80
64	Present and past glaciation on Pluto. <i>Icarus</i> , <b>2017</b> , 287, 287-300	3.8	39
63	Long-term surface temperature modeling of Pluto. <i>Icarus</i> , <b>2017</b> , 287, 37-46	3.8	48
62	The photochemistry of Pluto's atmosphere as illuminated by New Horizons. <i>Icarus</i> , <b>2017</b> , 287, 110-115	3.8	59
61	Charon's light curves, as observed by New Horizons' Ralph color camera (MVIC) on approach to the Pluto system. <i>Icarus</i> , <b>2017</b> , 287, 152-160	3.8	2
60	New Horizons constraints on Charon's present day atmosphere. <i>Icarus</i> , <b>2017</b> , 287, 124-130	3.8	22
59	Craters of the Pluto-Charon system. <i>Icarus</i> , <b>2017</b> , 287, 187-206	3.8	48
58	Origin of the Pluto-Charon system: Constraints from the New Horizons flyby. <i>Icarus</i> , <b>2017</b> , 287, 2-11	3.8	78
57	THE FIRST HIGH-PHASE OBSERVATIONS OF A KBO: NEW HORIZONS IMAGING OF (15810) 1994 JR 1 FROM THE KUIPER BELT. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 828, L15	7.9	14
56	Reorientation of Sputnik Planitia implies a subsurface ocean on Pluto. <i>Nature</i> , <b>2016</b> , 540, 94-96	50.4	84

55	The formation of Charon's red poles from seasonally cold-trapped volatiles. <i>Nature</i> , <b>2016</b> , 539, 65-68	50.4	38
54	Pluto's interaction with the solar wind. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4232-4246		31
53	Convection in a volatile nitrogen-ice-rich layer drives Pluto's geological vigour. <i>Nature</i> , <b>2016</b> , 534, 82-5	50.4	81
52	The atmosphere of Pluto as observed by New Horizons. <i>Science</i> , <b>2016</b> , 351, aad8866	33.3	164
51	Pluto's interaction with its space environment: Solar wind, energetic particles, and dust. <i>Science</i> , <b>2016</b> , 351, aad9045	33.3	52
50	The small satellites of Pluto as observed by New Horizons. <i>Science</i> , <b>2016</b> , 351, aae0030	33.3	66
49	The geology of Pluto and Charon through the eyes of New Horizons. <i>Science</i> , <b>2016</b> , 351, 1284-93	33.3	180
48	Surface compositions across Pluto and Charon. <i>Science</i> , <b>2016</b> , 351, aad9189	33.3	201
47	The rapid formation of Sputnik Planitia early in Pluto's history. <i>Nature</i> , <b>2016</b> , 540, 97-99	50.4	28
46	INTERPLANETARY MAGNETIC FIELD SECTOR FROM SOLAR WIND AROUND PLUTO (SWAP) MEASUREMENTS OF HEAVY ION PICKUP NEAR PLUTO. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 823, L30	7.9	12
45	The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , <b>2015</b> , 350, aad1815	33.3	295
44	Pluto's climate modeled with new observational constraints. <i>Icarus</i> , <b>2015</b> , 246, 183-191	3.8	44
43	Gas transfer in the Pluto-Charon system: A Charon atmosphere. <i>Icarus</i> , <b>2015</b> , 246, 291-297	3.8	21
42	Seasonal variations in Pluto's atmospheric tides. <i>Icarus</i> , <b>2015</b> , 246, 247-267	3.8	9
41	Evidence that Pluto's atmosphere does not collapse from occultations including the 2013 May 04 event. <i>Icarus</i> , <b>2015</b> , 246, 220-225	3.8	45
40	VOLATILE LOSS AND CLASSIFICATION OF KUIPER BELT OBJECTS. <i>Astrophysical Journal</i> , <b>2015</b> , 809, 43	4.7	19
39	Evidence for longitudinal variability of ethane ice on the surface of Pluto. <i>Icarus</i> , <b>2014</b> , 243, 104-110	3.8	18
38	Gravity waves in Titan's lower stratosphere from Huygens probe in situ temperature measurements. <i>Icarus</i> , <b>2014</b> , 227, 49-55	3.8	11



37	Near-infrared spectral monitoring of Pluto's ices II: Recent decline of CO and N <sub>2</sub> ice absorptions. <i>Icarus</i> , <b>2014</b> , 235, 220-224	3.8	14
36	Near-infrared spectral monitoring of Pluto's ices: Spatial distribution and secular evolution. <i>Icarus</i> , <b>2013</b> , 223, 710-721	3.8	62
35	PLUTO'S SEASONS: NEW PREDICTIONS FOR NEW HORIZONS. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 766, L22	7.9	85
34	Volatile transport on inhomogeneous surfaces: I Analytic expressions, with application to Pluto's day. <i>Icarus</i> , <b>2012</b> , 221, 80-88	3.8	28
33	PLUTO AND CHARON WITH THE HUBBLE SPACE TELESCOPE. II. RESOLVING CHANGES ON PLUTO'S SURFACE AND A MAP FOR CHARON. <i>Astronomical Journal</i> , <b>2010</b> , 139, 1128-1143	4.9	65
32	PLUTO AND CHARON WITH THE HUBBLE SPACE TELESCOPE. I. MONITORING GLOBAL CHANGE AND IMPROVED SURFACE PROPERTIES FROM LIGHT CURVES. <i>Astronomical Journal</i> , <b>2010</b> , 139, 1117-1127	4.9	46
31	New Horizons Alice ultraviolet observations of a stellar occultation by Jupiter's atmosphere. <i>Icarus</i> , <b>2010</b> , 208, 293-305	3.8	18
30	RAPID COMPUTATION OF OCCULTATION LIGHT CURVES USING FOURIER DECOMPOSITION. <i>Astronomical Journal</i> , <b>2009</b> , 137, 3398-3403	4.9	3
29	New Horizons: Encountering Pluto and KBOs. <i>Proceedings of the International Astronomical Union</i> , <b>2009</b> , 5, 305-311	0.1	3
28	Ralph: A Visible/Infrared Imager for the New Horizons Pluto/Kuiper Belt Mission <b>2009</b> , 129-154		3
27	VERTICAL STRUCTURE IN PLUTO'S ATMOSPHERE FROM THE 2006 JUNE 12 STELLAR OCCULTATION. <i>Astronomical Journal</i> , <b>2008</b> , 136, 1757-1769	4.9	72
26	Ralph: A Visible/Infrared Imager for the New Horizons Pluto/Kuiper Belt Mission. <i>Space Science Reviews</i> , <b>2008</b> , 140, 129-154	7.5	119
25	Overview of the New Horizons Science Payload. <i>Space Science Reviews</i> , <b>2008</b> , 140, 75-91	7.5	42
24	ALICE: The Ultraviolet Imaging Spectrograph Aboard the New Horizons Pluto/Kuiper Belt Mission. <i>Space Science Reviews</i> , <b>2008</b> , 140, 155-187	7.5	94
23	New Horizons: Anticipated Scientific Investigations at the Pluto System. <i>Space Science Reviews</i> , <b>2008</b> , 140, 93-127	7.5	71
22	Jupiter's nightside airglow and aurora. <i>Science</i> , <b>2007</b> , 318, 229-31	33.3	22
21	Io's atmospheric response to eclipse: UV aurorae observations. <i>Science</i> , <b>2007</b> , 318, 237-40	33.3	35
20	Jupiter cloud composition, stratification, convection, and wave motion: a view from new horizons. <i>Science</i> , <b>2007</b> , 318, 223-5	33.3	44

19	Polar lightning and decadal-scale cloud variability on Jupiter. <i>Science</i> , <b>2007</b> , 318, 226-9	33.3	47
18	Pluto's Spectrum from 1.0 to 4.2 $\mu$ m: Implications for Surface Properties. <i>Astronomical Journal</i> , <b>2007</b> , 133, 420-431	4.9	45
17	Orbits and Photometry of Pluto's Satellites: Charon, S/2005 P1, and S/2005 P2. <i>Astronomical Journal</i> , <b>2006</b> , 132, 290-298	4.9	85
16	New Constraints on Additional Satellites of the Pluto System. <i>Astronomical Journal</i> , <b>2006</b> , 132, 614-619	4.9	16
15	Discovery of two new satellites of Pluto. <i>Nature</i> , <b>2006</b> , 439, 943-5	50.4	127
14	A giant impact origin for Pluto's small moons and satellite multiplicity in the Kuiper belt. <i>Nature</i> , <b>2006</b> , 439, 946-8	50.4	95
13	Gravity waves in Jupiter's stratosphere, as measured by the Galileo ASI experiment. <i>Icarus</i> , <b>2005</b> , 173, 185-199	3.8	27
12	Near-infrared spectral monitoring of Triton with IRTF/SpeX I: establishing a baseline for rotational variability. <i>Icarus</i> , <b>2004</b> , 172, 455-465	3.8	28
11	Finding KBO Flyby Targets for New Horizons. <i>Earth, Moon and Planets</i> , <b>2003</b> , 92, 483-491	0.6	8
10	Stellar Occultation Observations of Saturn's North-Polar Temperature Structure. <i>Icarus</i> , <b>1998</b> , 132, 298-310	3.8	14
9	Thermal structure of Jupiter's atmosphere near the edge of a 5- $\mu$ m hot spot in the north equatorial belt. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 22857-22889		222
8	Thermal Structure of Jupiter's Upper Atmosphere Derived from the Galileo Probe. <i>Science</i> , <b>1997</b> , 276, 102-4	33.3	82
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6	Detection of Gaseous Methane on Pluto. <i>Icarus</i> , <b>1997</b> , 127, 258-262	3.8	69
5	The Thermal Structure of Triton's Atmosphere: Results from the 1993 and 1995 Occultations. <i>Icarus</i> , <b>1997</b> , 129, 178-201	3.8	42
4	Surface ices and the atmospheric composition of pluto. <i>Science</i> , <b>1993</b> , 261, 745-8	33.3	314
3	Analysis of stellar occultation data for planetary atmospheres. I - Model fitting, with application to Pluto. <i>Astronomical Journal</i> , <b>1992</b> , 103, 991	4.9	99
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