Carey Lisse

List of Publications by Year
in descending order

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295 papers	14,463 citations	14614 66 h-index	27345 106 g-index
313 all docs	313 docs citations	313 times ranked	6463 citing authors

#	Article	IF	Citations
1	Simulated SPHEREx spectra of asteroids and their implications for asteroid size and reflectance estimation. Icarus, 2022, 371, 114696.	1.1	2
2	Anomalous Flux in the Cosmic Optical Background Detected with New Horizons Observations. Astrophysical Journal Letters, 2022, 927, L8.	3.0	32
3	RW Aur A: SpeX Spectral Evidence for Differentiated Planetesimal Formation, Migration, and Destruction in an â^¼3 Myr Old Excited CTTS System. Astrophysical Journal, 2022, 928, 189.	1.6	3
4	â€œOperating spacecraft around comets: Evaluation of the near-nucleus environmentâ€• Acta Astronautica, 2022, 195, 365-378.	1.7	2
5	Terrestrial Planet Optical Phase Curves. I. Direct Measurements of the Earth. Astronomical Journal, 2022, 163, 5.	1.9	1
6	A Near-surface Temperature Model of Arrokoth. Planetary Science Journal, 2022, 3, 110.	1.5	9
7	A Predicted Dearth of Majority Hypervolatile Ices in Oort Cloud Comets. Planetary Science Journal, 2022, 3, 112.	1.5	15
8	Upper Limits on the Escape of Volatiles from (486958) Arrokoth Using New Horizons Alice Ultraviolet Spectrograph Observations. Planetary Science Journal, 2022, 3, 111.	1.5	3
9	The Geophysical Environment of (486958) Arrokothâ€”A Small Kuiper Belt Object Explored by New Horizons. Journal of Geophysical Research E: Planets, 2022, 127, .	1.5	18
10	Detection of Radio Thermal Emission from the Kuiper Belt Object (486958) Arrokoth during the New Horizons Encounter. Planetary Science Journal, 2022, 3, 109.	1.5	3
11	Trends in Silicates in the Î² Pictoris Disk. Astrophysical Journal, 2022, 933, 54.	1.6	3
12	LORRI observations of waves in Pluto's atmosphere. Icarus, 2021, 356, 113825.	1.1	1
13	Distribution and energy balance of Plutoâ€™s nitrogen ice, as seen by New Horizons in 2015. Icarus, 2021, 356, 113633.	1.1	6
14	The sublimative evolution of (486958) Arrokoth. Icarus, 2021, 356, 113998.	1.1	30
15	Initial Characterization of Active Transitioning Centaur, P/2019 LD₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. Astronomical Journal, 2021, 161, 116.	1.9	13
16	A statistical review of light curves and the prevalence of contact binaries in the Kuiper Belt. Icarus, 2021, 356, 114098.	1.1	10
17	Spectral Science Priorities for an Infrared Spectrometer with Interstellar Probe. , 2021, 53, .		0
18	Looking Back is Looking Forward: The Need for Retrospective Solar System Observations in Advance of Exoplanet Retrievals. , 2021, 53, .		1

#	Article	IF	Citations
19	Instrumentation for Producing Groundbreaking Planetary & Astrophysical Science on an Interstellar Probe Mission. , 2021, 53, .		0
20	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. Astrophysical Journal Letters, 2021, 911, L35.	3.0	10
21	Characterization of Thermal-infrared Dust Emission and Refinements to the Nucleus Properties of Centaur 29P/Schwassmannâ€“Wachmann 1. Planetary Science Journal, 2021, 2, 126.	1.5	4
22	On the Utility of Transmission Color Analysis i: Differentiating Super-Earths and Sub-Neptunes. Astronomical Journal, 2021, 162, 168.	1.9	1
23	New Horizons Observations of the Cosmic Optical Background. Astrophysical Journal, 2021, 906, 77.	1.6	42
24	New Horizons Detection of the Local Galactic Lyman-Î± Background. Astronomical Journal, 2021, 162, 241.	1.9	7
25	Spitzerâ€™s Solar System studies of comets, centaurs and Kuiper belt objects. Nature Astronomy, 2020, 4, 930-939.	4.2	9
26	Spitzerâ€™s Solar System studies of asteroids, planets and the zodiacal cloud. Nature Astronomy, 2020, 4, 940-946.	4.2	7
27	Constraints on the spin-pole orientation, jet morphology, and rotation of interstellar comet 2I/Borisov with deep HST imaging. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4031-4041.	1.6	8
28	HD 145263: Spectral Observations of Silica Debris Disk Formation via Extreme Space Weathering?. Astrophysical Journal, 2020, 894, 116.	1.6	10
29	Size and Shape Constraints of (486958) Arrokoth from Stellar Occultations. Astronomical Journal, 2020, 159, 130.	1.9	25
30	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. Astronomical Journal, 2020, 160, 26.	1.9	28
31	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. Science, 2020, 367, .	6.0	76
32	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. Science, 2020, 367, .	6.0	79
33	Detectability of Life Using Oxygen on Pelagic Planets and Water Worlds. Astrophysical Journal, 2020, 893, 163.	1.6	22
34	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. Astrophysical Journal, 2020, 905, 69.	1.6	15
35	A Geologically Robust Procedure for Observing Rocky Exoplanets to Ensure that Detection of Atmospheric Oxygen Is a Modern Earth-like Biosignature. Astrophysical Journal Letters, 2020, 898, L17.	3.0	5
36	Characterization of Temporarily Captured Minimoon 2020 CD₃ by Keck Time-resolved Spectrophotometry. Astrophysical Journal Letters, 2020, 900, L45.	3.0	15

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37	Constraining the Solar System's Debris Disk with In Situ New Horizons Measurements from the Edgeworthâ€“Kuiper Belt. Astrophysical Journal Letters, 2019, 881, L12.	3.0	29
38	Suprathermal Ions in the Outer Heliosphere. Astrophysical Journal, 2019, 876, 46.	1.6	15
39	Phase Curves from the Kuiper Belt: Photometric Properties of Distant Kuiper Belt Objects Observed by New Horizons. Astronomical Journal, 2019, 158, 123.	1.9	14
40	Geologic Landforms and Chronostratigraphic History of Charon as Revealed by a Hemispheric Geologic Map. Journal of Geophysical Research E: Planets, 2019, 124, 155-174.	1.5	11
41	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. Science, 2019, 364, .	6.0	113
42	Recent cryovolcanism in Virgil Fossae on Pluto. Icarus, 2019, 330, 155-168.	1.1	45
43	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. Science, 2019, 363, 955-959.	6.0	116
44	New Horizons Photometry of Pluto's Moon Charon. Astrophysical Journal Letters, 2019, 874, L3.	3.0	8
45	Prebiotic Chemistry of Pluto. Astrobiology, 2019, 19, 831-848.	1.5	26
46	VLT/SPHERE Multiwavelength High-contrast Imaging of the HD 115600 Debris Disk: New Constraints on the Dust Geometry and the Presence of Young Giant Planets. Astronomical Journal, 2019, 157, 39.	1.9	18
47	Pluto's Interaction With Energetic Heliospheric Ions. Journal of Geophysical Research: Space Physics, 2019, 124, 7413-7424.	0.8	4
48	Washboard and fluted terrains on Pluto as evidence for ancient glaciation. Nature Astronomy, 2019, 3, 62-68.	4.2	10
49	M-stars Are Fast and Neat and A-stars Are Slow and Messy at Late-stage Rocky Planet Formation. Research Notes of the AAS, 2019, 3, 90.	0.3	2
50	The proposed Caroline ESA M3 mission to a Main Belt Comet. Advances in Space Research, 2018, 62, 1921-1946.	1.2	9
51	The First Post-Kepler Brightness Dips of KIC 8462852. Astrophysical Journal Letters, 2018, 853, L8.	3.0	38
52	The Science of Sungrazers, Sunskirters, and Other Near-Sun Comets. Space Science Reviews, 2018, 214, 1.	3.7	60
53	APO Time-resolved Color Photometry of Highly Elongated Interstellar Object 1I/â€˜Oumuamua. Astrophysical Journal Letters, 2018, 852, L2.	3.0	90
54	Spitzer Observations of Interstellar Object 1I/â€˜Oumuamua. Astronomical Journal, 2018, 156, 261.	1.9	80

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55	Astrophysics with New Horizons: Making the Most of a Generational Opportunity. Publications of the Astronomical Society of the Pacific, 2018, 130, 115001.	1.0	10
56	Inferring the Composition of Disintegrating Planet Interiors from Dust Tails with Future James Webb Space Telescope Observations. Astronomical Journal, 2018, 156, 173.	1.9	16
57	Differences in the Gas and Dust Distribution in the Transitional Disk of a Sun-like Young Star, PDS 70. Astrophysical Journal, 2018, 858, 112.	1.6	42
58	K2 precision lightcurve: Twelve days in the Pluto-Charon system. Icarus, 2018, 314, 265-273.	1.1	6
59	Great Expectations: Plans and Predictions for New Horizons Encounter With Kuiper Belt Object 2014 MU₆₉ (â€œUltima Thuleâ€). Geophysical Research Letters, 2018, 45, 8111-8120.	1.5	14
60	Pluto's haze as a surface material. Icarus, 2018, 314, 232-245.	1.1	50
61	SPHEREx: an all-sky NIR spectral survey. , 2018, , .		13
62	Haze in Pluto's atmosphere. Icarus, 2017, 290, 112-133.	1.1	72
63	Measurement of the cosmic optical background using the long range reconnaissance imager on New Horizons. Nature Communications, 2017, 8, 15003.	5.8	38
64	ALMA observations of the Î· Corvi debris disc: inward scattering of CO-rich exocomets by a chain of 3â€“30ÂM_{âŠ•}planets?. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2595-2615.	1.6	96
65	Extinction and the Dimming of KIC 8462852. Astrophysical Journal, 2017, 847, 131.	1.6	23
66	Debiasing the NEOWISE Cryogenic Mission Comet Populations. Astronomical Journal, 2017, 154, 53.	1.9	39
67	Spectral Evidence for an Inner Carbon-rich Circumstellar Belt in the Young HD 36546 A-star System. Astrophysical Journal Letters, 2017, 840, L20.	3.0	9
68	A SOFIA FORCAST Grism Study of the Mineralogy of Dust in the Winds of Proto-planetary Nebulae: RV Tauri Stars and SRd Variables. Astrophysical Journal, 2017, 843, 51.	1.6	6
69	Global albedos of Pluto and Charon from LORRI New Horizons observations. Icarus, 2017, 287, 207-217.	1.1	82
70	Climate zones on Pluto and Charon. Icarus, 2017, 287, 30-36.	1.1	34
71	Mean radius and shape of Pluto and Charon from New Horizons images. Icarus, 2017, 287, 12-29.	1.1	105
72	Stratospheric balloon observations of comets C/2013 A1 (Siding Spring), C/2014 E2 (Jacques), and Ceres. Icarus, 2017, 281, 404-416.	1.1	6

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73	The puzzling detection of x-rays from Pluto by Chandra. Icarus, 2017, 287, 103-109.	1.1	19
74	Infrared Spectroscopy of HR 4796A's Bright Outer Cometary Ring + Tenuous Inner Hot Dust Cloud. Astronomical Journal, 2017, 154, 182.	1.9	13
75	CHANDRA CHARACTERIZATION OF X-RAY EMISSION IN THE YOUNG F-STAR BINARY SYSTEM HD 113766. Astronomical Journal, 2017, 153, 62.	1.9	8
76	The CO 2 abundance in Comets C/2012 K1 (PanSTARRS), C/2012 K5 (LINEAR), and 290P/JÃger as measured with Spitzer. Icarus, 2016, 266, 249-260.	1.1	19
77	Reorientation of Sputnik Planitia implies a subsurface ocean on Pluto. Nature, 2016, 540, 94-96.	13.7	108
78	The formation of Charonâ€™s red poles from seasonally cold-trapped volatiles. Nature, 2016, 539, 65-68.	13.7	44
79	SEASONAL EVOLUTION ON THE NUCLEUS OF COMET C/2013 A1 (SIDING SPRING). Astrophysical Journal Letters, 2016, 817, L23.	3.0	5
80	CHANDRA OBSERVATIONS OF COMETS C/2012 S1 (ISON) AND C/2011 L4 (PanSTARRS). Astrophysical Journal, 2016, 818, 199.	1.6	14
81	Convection in a volatile nitrogen-ice-rich layer drives Plutoâ€™s geological vigour. Nature, 2016, 534, 82-85.	13.7	102
82	The compositional evolution of C/2012 S1 (ISON) from ground-based high-resolution infrared spectroscopy as part of a worldwide observing campaign. Icarus, 2016, 266, 152-172.	1.1	24
83	The atmosphere of Pluto as observed by New Horizons. Science, 2016, 351, aad8866.	6.0	201
84	Plutoâ€™s interaction with its space environment: Solar wind, energetic particles, and dust. Science, 2016, 351, aad9045.	6.0	60
85	The small satellites of Pluto as observed by New Horizons. Science, 2016, 351, aae0030.	6.0	78
86	The geology of Pluto and Charon through the eyes of New Horizons. Science, 2016, 351, 1284-1293.	6.0	219
87	CONSTRAINTS ON THE PRESENCE OF SiO GAS IN THE DEBRIS DISK OF HD 172555. Astrophysical Journal, 2016, 826, 165.	1.6	25
88	DIRECT IMAGING AND SPECTROSCOPY OF A YOUNG EXTRASOLAR KUIPER BELT IN THE NEAREST OB ASSOCIATION. Astrophysical Journal Letters, 2015, 807, L7.	3.0	47
89	IRTF/SPEX OBSERVATIONS OF THE UNUSUAL KEPLER LIGHT CURVE SYSTEM KIC 8462852. Astrophysical Journal Letters, 2015, 815, L27.	3.0	28
90	Dynamics of HVECs emitted from comet C/2011ÂL4 as observed by STEREO. Journal of Geophysical Research: Space Physics, 2015, 120, 5329-5340.	0.8	4

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91	THENEOWISE-DISCOVERED COMET POPULATION AND THE CO + CO₂PRODUCTION RATES. Astrophysical Journal, 2015, 814, 85.	1.6	51
92	THESPITZERINFRARED SPECTROGRAPH DEBRIS DISK CATALOG. II. SILICATE FEATURE ANALYSIS OF UNRESOLVED TARGETS. Astrophysical Journal, 2015, 798, 87.	1.6	62
93	Dynamic sublimation pressure and the catastrophic breakup of Comet ISON. Icarus, 2015, 258, 430-437.	1.1	41
94	A new analysis of Spitzer observations of Comet 29P/Schwassmannâ€“Wachmann 1. Icarus, 2015, 260, 60-72.	1.1	33
95	Solar wind at 33â€‰AU: Setting bounds on the Pluto interaction for New Horizons. Journal of Geophysical Research E: Planets, 2015, 120, 1497-1511.	1.5	19
96	Comet Siding Spring, up close and personal. Science, 2015, 350, 277-278.	6.0	0
97	The Pluto system: Initial results from its exploration by New Horizons. Science, 2015, 350, aad1815.	6.0	407
98	SPITZERIRS SPECTRA OF DEBRIS DISKS IN THE SCORPIUSâ€“CENTAURUS OB ASSOCIATION. Astrophysical Journal, 2015, 808, 167.	1.6	25
99	Comet C/2012 S1 (ISON) coma composition at ~4au from HST observations. Planetary and Space Science, 2015, 118, 138-163.	0.9	42
100	CONSTRAINING THE DUST COMA PROPERTIES OF COMET C/SIDING SPRING (2013 A1) AT LARGE HELIOCENTRIC DISTANCES. Astrophysical Journal Letters, 2014, 797, L8.	3.0	21
101	X-rays in the Solar System. , 2014, , 1019-1045.		4
102	SPATIALLY RESOLVED IMAGING OF THE TWO-COMPONENT Î· Crv DEBRIS DISK WITHHERSCHEL. Astrophysical Journal, 2014, 784, 148.	1.6	32
103	THE SPITZER INFRARED SPECTROGRAPH DEBRIS DISK CATALOG. I. CONTINUUM ANALYSIS OF UNRESOLVED TARGETS. Astrophysical Journal, Supplement Series, 2014, 211, 25.	3.0	196
104	A dynamical analysis of the dust tail of Comet C/1995 O1 (Haleâ€“Bopp) at high heliocentric distances. Icarus, 2014, 236, 136-145.	1.1	18
105	HUBBLE SPACE TELESCOPE PRE-PERIHELION ACS/WFC IMAGING POLARIMETRY OF COMET ISON (C/2012 S1) AT 3.81 AU. Astrophysical Journal Letters, 2014, 780, L32.	3.0	25
106	Large impacts around a solar-analog star in the era of terrestrial planet formation. Science, 2014, 345, 1032-1035.	6.0	83
107	Dust from collisions: A way to probe the composition of exo-planets?. Icarus, 2014, 239, 1-14.	1.1	15
108	Mid-infrared spectroscopy of components in chondrites: Search for processed materials in young Solar Systems and comets. Icarus, 2014, 231, 338-355.	1.1	6

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109	Evolution from protoplanetary to debris discs: the transition disc around HDÂ166191. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3299-3309.	1.6	16
110	CENTAURS AND SCATTERED DISK OBJECTS IN THE THERMAL INFRARED: ANALYSIS OFWISE/NEOWISEOBSERVATIONS. Astrophysical Journal, 2013, 773, 22.	1.6	92
111	Chandra ACIS-S imaging spectroscopy of anomalously faint X-ray emission from Comet 103P/Hartley 2 during the EPOXI encounter. Icarus, 2013, 222, 752-765.	1.1	10
112	Parent volatiles in Comet 103P/Hartley 2 observed by Keck II with NIRSPEC during the 2010 apparition. Icarus, 2013, 222, 723-733.	1.1	33
113	A high-resolution infrared spectral survey of 103P/Hartley 2 on the night of the EPOXI closest approach. Icarus, 2013, 222, 707-722.	1.1	17
114	The detection, localization, and dynamics of large icy particles surrounding Comet 103P/Hartley 2. Icarus, 2013, 222, 625-633.	1.1	32
115	The complex spin state of 103P/Hartley 2: Kinematics and orientation in space. Icarus, 2013, 222, 595-609.	1.1	40
116	Photometric properties of the nucleus of Comet 103P/Hartley 2. Icarus, 2013, 222, 559-570.	1.1	63
117	The temperature, thermal inertia, roughness and color of the nuclei of Comets 103P/Hartley 2 and 9P/Tempel 1. Icarus, 2013, 222, 580-594.	1.1	81
118	Shape, density, and geology of the nucleus of Comet 103P/Hartley 2. Icarus, 2013, 222, 550-558.	1.1	112
119	The demise of Comet 85P/Boethin, the first EPOXI mission target. Icarus, 2013, 222, 662-678.	1.1	6
120	Thermal properties, sizes, and size distribution of Jupiter-family cometary nuclei. Icarus, 2013, 226, 1138-1170.	1.1	112
121	Surface geomorphology of Jupiter Family Comets: A geologic process perspective. Icarus, 2013, 222, 808-817.	1.1	25
122	A distribution of large particles in the coma of Comet 103P/Hartley 2. Icarus, 2013, 222, 634-652.	1.1	112
123	The persistent activity of Jupiter-family comets at 3â€“7AU. Icarus, 2013, 225, 475-494.	1.1	32
124	OUTGASSING BEHAVIOR OF C/2012 S1 (ISON) FROM 2011 SEPTEMBER TO 2013 JUNE. Astrophysical Journal Letters, 2013, 776, L20.	3.0	25
125	Comets as solar probes. Physics Today, 2013, 66, 27-32.	0.3	22
126	EMISSION LINES BETWEEN 1 AND 2 keV IN COMETARY X-RAY SPECTRA. Astrophysical Journal, 2013, 763, 66.	1.6	13

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127	CRYSTALLINE SILICATES IN EVOLVED STARS. I.SPITZER/INFRARED SPECTROGRAPH SPECTROSCOPY OF IRAS 16456â€“3542, 18354â€“0638, AND 23239+5754. Astrophysical Journal, 2013, 765, 72.	1.6	16
128	Cometary Ices. Astrophysics and Space Science Library, 2013, , 455-485.	1.0	2
129	OBSERVATIONAL AND DYNAMICAL CHARACTERIZATION OF MAIN-BELT COMET P/2010 R2 (La Sagra). Astronomical Journal, 2012, 143, 104.	1.9	46
130	The Final Flight of a Sun-Diving Comet. Science, 2012, 335, 296-297.	6.0	0
131	A SELF-CONSISTENT MODEL OF THE CIRCUMSTELLAR DEBRIS CREATED BY A GIANT HYPERVELOCITY IMPACT IN THE HD 172555 SYSTEM. Astrophysical Journal, 2012, 761, 45.	1.6	77
132	The Final End of the Final Frontier?. Science, 2012, 338, 1149-1150.	6.0	0
133	WISE/NEOWISE OBSERVATIONS OF ACTIVE BODIES IN THE MAIN BELT. Astrophysical Journal, 2012, 747, 49.	1.6	30
134	VARIABILITY OF DISK EMISSION IN PRE-MAIN SEQUENCE AND RELATED STARS. II. VARIABILITY IN THE GAS AND DUST EMISSION OF THE HERBIG Fe STAR SAO 206462. Astrophysical Journal, 2012, 745, 29.	1.6	51
135	WISE/NEOWISE PRELIMINARY ANALYSIS AND HIGHLIGHTS OF THE 67P/CHURYUMOV-GERASIMENKO NEAR NUCLEUS ENVIRONS. Astrophysical Journal, 2012, 758, 18.	1.6	23
136	SPITZEREVIDENCE FOR A LATE-HEAVY BOMBARDMENT AND THE FORMATION OF UREILITES IN Î· CORVI At â^¼1 Gyr. Astrophysical Journal, 2012, 747, 93.	1.6	80
137	DISCOVERY OF MAIN-BELT COMET P/2006 VW₁₃₉BY Pan-STARRS1. Astrophysical Journal Letters, 2012, 748, L15.	3.0	49
138	COMETARY VOLATILES AND THE ORIGIN OF COMETS. Astrophysical Journal, 2012, 758, 29.	1.6	130
139	SOFT CORONAL X-RAYS FROM Î² PICTORIS. Astrophysical Journal, 2012, 750, 78.	1.6	15
140	Cometary charge exchange diagnostics in UV and Xâ€ray. Astronomische Nachrichten, 2012, 333, 335-340.	0.6	5
141	Solar system Xâ€rays from charge exchange processes. Astronomische Nachrichten, 2012, 333, 324-334.	0.6	19
142	Laboratory far-infrared spectroscopy of terrestrial sulphides to support analysis of cosmic dust spectra. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2569-2579.	1.6	8
143	Mid-infrared spectra of differentiated meteorites (achondrites): Comparison with astronomical observations of dust in protoplanetary and debris disks. Icarus, 2012, 219, 48-56.	1.1	10
144	Earth as an Extrasolar Planet: Earth Model Validation Using EPOXI Earth Observations. Astrobiology, 2011, 11, 393-408.	1.5	161

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145	Properties of an Earth-Like Planet Orbiting a Sun-Like Star: Earth Observed by the EPOXI Mission. Astrobiology, 2011, 11, 907-930.	1.5	68
146	EPOXI at Comet Hartley 2. Science, 2011, 332, 1396-1400.	6.0	401
147	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. Icarus, 2011, 213, 345-368.	1.1	44
148	A SEARCH FOR ADDITIONAL PLANETS IN FIVE OF THE EXOPLANETARY SYSTEMS STUDIED BY THE NASAEPOXIMISSION. Astrophysical Journal, 2011, 732, 41.	1.6	30
149	THE VOLATILE COMPOSITION AND ACTIVITY OF COMET 103P/HARTLEY 2 DURING THE EPOXI CLOSEST APPROACH. Astrophysical Journal Letters, 2011, 734, L8.	3.0	59
150	MULTI-EPOCH OBSERVATIONS OF HD 69830: HIGH-RESOLUTION SPECTROSCOPY AND LIMITS TO VARIABILITY. Astrophysical Journal, 2011, 743, 85.	1.6	46
151	SYSTEM PARAMETERS, TRANSIT TIMES, AND SECONDARY ECLIPSE CONSTRAINTS OF THE EXOPLANET SYSTEMS HAT-P-4, TrES-2, TrES-3, and WASP-3 FROM THE NASAEPOXIMISSION OF OPPORTUNITY. Astrophysical Journal, 2011, 726, 94.	1.6	64
152	ROTATIONAL VARIABILITY OF EARTH'S POLAR REGIONS: IMPLICATIONS FOR DETECTING SNOWBALL PLANETS. Astrophysical Journal, 2011, 731, 76.	1.6	50
153	VIEWS FROMEPOXI: COLORS IN OUR SOLAR SYSTEM AS AN ANALOG FOR EXTRASOLAR PLANETS. Astrophysical Journal, 2011, 729, 130.	1.6	49
154	WISE/NEOWISE OBSERVATIONS OF COMET 103P/HARTLEY 2. Astrophysical Journal, 2011, 738, 171.	1.6	30
155	SPITZERINFRARED SPECTROGRAPH SPECTROSCOPY OF THE 10 Myr OLD EF Cha DEBRIS DISK: EVIDENCE FOR PHYLLOSILICATE-RICH DUST IN THE TERRESTRIAL ZONE. Astrophysical Journal, 2011, 734, 115.	1.6	21
156	The aftermath of the July 2009 impact on Jupiter: Ammonia, temperatures and particulates from Gemini thermal infrared spectroscopy. Icarus, 2011, 211, 568-586.	1.1	18
157	The atmospheric influence, size and possible asteroidal nature of the July 2009 Jupiter impactor. Icarus, 2011, 211, 587-602.	1.1	29
158	INFRARED SPECTROSCOPY OF COMET 73P/SCHWASSMANN-WACHMANN 3 USING THESPITZER SPACE TELESCOPE. Astronomical Journal, 2011, 142, 80.	1.9	24
159	EPOXI: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. Astrophysical Journal Letters, 2011, 734, L1.	3.0	96
160	A SEARCH FOR ADDITIONAL PLANETS IN THE NASAEPOXIOBSERVATIONS OF THE EXOPLANET SYSTEM GJ 436. Astrophysical Journal, 2010, 716, 1047-1059.	1.6	56
161	XMM-NEWTONOBSERVATIONS OF HD 189733 DURING PLANETARY TRANSITS. Astrophysical Journal, 2010, 722, 1216-1225.	1.6	77
162	The Stratospheric THz Observatory (STO). Proceedings of SPIE, 2010, , .	0.8	17

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163	GALAXY EVOLUTION EXPLOREROBSERVATIONS OF CS AND OH EMISSION IN COMET 9P/TEMPEL 1 DURING DEEP IMPACT. Astrophysical Journal, 2010, 711, 1051-1056.	1.6	8
164	Measurement and calculation of absolute single- and multiple-charge-exchange cross sections for Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mi>q</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>ions impacting CO and CO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mro	1.0	21
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