

Yvonne J Pendleton

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,193
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-infrared absorption spectroscopy of interstellar hydrocarbon grains. <i>Astrophysical Journal</i> , 1994, 437, 683.	4.5	311
2	The Organic Refractory Material in the Diffuse Interstellar Medium: Mid-Infrared Spectroscopic Constraints. <i>Astrophysical Journal, Supplement Series</i> , 2002, 138, 75-98.	7.7	308
3	The Interstellar 4.62 Micron Band. <i>Astrophysical Journal</i> , 1999, 513, 294-304.	4.5	103
4	Hydrocarbons, Ices, and C_2N_2 in the Line of Sight toward the Galactic Center. <i>Astrophysical Journal</i> , 2002, 570, 198-209.	4.5	67
5	The Relationship between the Optical Depth of the 9.7 μm Silicate Absorption Feature and Infrared Differential Extinction in Dense Clouds. <i>Astrophysical Journal</i> , 2007, 666, L73-L76.	4.5	64
6	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	12.6	64
7	Hydrogen Isotopic Substitution Studies of the 2165 Wavenumber (4.62 Micron) C_2N_2 Feature Produced by Ion Bombardment. <i>Astrophysical Journal</i> , 2000, 542, 890-893.	4.5	49
8	Observational Constraints on the Abundance and Evolution of C_2N_2 in Interstellar Grain Mantles. <i>Astrophysical Journal</i> , 2001, 550, 793-798.	4.5	48
9	INFRARED SPECTROSCOPIC SURVEY OF THE QUIESCENT MEDIUM OF NEARBY CLOUDS. I. ICE FORMATION AND GRAIN GROWTH IN LUPUS. <i>Astrophysical Journal</i> , 2013, 777, 73.	4.5	37
10	Milky Way Mid-Infrared Spitzer Spectroscopic Extinction Curves: Continuum and Silicate Features. <i>Astrophysical Journal</i> , 2021, 916, 33.	4.5	30
11	Prebiotic Chemistry of Pluto. <i>Astrobiology</i> , 2019, 19, 831-848.	3.0	26
12	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 054301.	3.1	26
13	A Predicted Dearth of Majority Hypervolatile Ices in Oort Cloud Comets. <i>Planetary Science Journal</i> , 2022, 3, 112.	3.6	15
14	Spitzer's Solar System studies of comets, centaurs and Kuiper belt objects. <i>Nature Astronomy</i> , 2020, 4, 930-939.	10.1	9
15	SpeX Near-infrared Spectroscopic Extinction Curves in the Milky Way. <i>Astrophysical Journal</i> , 2022, 930, 15.	4.5	8
16	Spitzer's Solar System studies of asteroids, planets and the zodiacal cloud. <i>Nature Astronomy</i> , 2020, 4, 940-946.	10.1	7
17	Organic Components of Small Bodies in the Outer Solar System: Some Results of the New Horizons Mission. <i>Life</i> , 2020, 10, 126.	2.4	7
18	The Interstellar Medium toward the Galactic Center Source 2MASS J17470898-2829561. <i>Astrophysical Journal</i> , 2021, 912, 47.	4.5	5

#	ARTICLE	IF	CITATIONS
19	The origin and evolution of interstellar organics. Proceedings of the International Astronomical Union, 2008, 4, 35-44.	0.0	4
20	Water on the Moon. Proceedings of the International Astronomical Union, 2015, 11, 402-406.	0.0	2
21	Infrared Spectroscopic Survey of the Quiescent Medium of Nearby Clouds. II. Ice Formation and Grain Growth in Perseus and Serpens. Astrophysical Journal, 2022, 930, 2.	4.5	2
22	Kuiper Belt object 2014MU ₆₉ , 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
23	Introduction to Science and Exploration of the Moon, Near-Earth Asteroids, and Moons of Mars. Journal of Geophysical Research E: Planets, 2019, 124, 1635-1638.	3.6	0