## Hannah H Kaplan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The unexpected surface of asteroid (101955) Bennu. Nature, 2019, 568, 55-60.	27.8	364
2	Evidence for widespread hydrated minerals on asteroid (101955) Bennu. Nature Astronomy, 2019, 3, 332-340.	10.1	251
3	Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. Nature Astronomy, 2019, 3, 341-351.	10.1	188
4	Variations in color and reflectance on the surface of asteroid (101955) Bennu. Science, 2020, 370, .	12.6	84
5	Asteroid (101955) Bennu's weak boulders and thermally anomalous equator. Science Advances, 2020, 6,	10.3	83
6	Bright carbonate veins on asteroid (101955) Bennu: Implications for aqueous alteration history. Science, 2020, 370, .	12.6	71
7	Global Patterns of Recent Mass Movement on Asteroid (101955) Bennu. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006475.	3.6	60
8	Exogenic basalt on asteroid (101955) Bennu. Nature Astronomy, 2021, 5, 31-38.	10.1	57
9	Widespread carbon-bearing materials on near-Earth asteroid (101955) Bennu. Science, 2020, 370, .	12.6	56
10	Spacecraft sample collection and subsurface excavation of asteroid (101955) Bennu. Science, 2022, 377, 285-291.	12.6	39
11	New Constraints on the Abundance and Composition of Organic Matter on Ceres. Geophysical Research Letters, 2018, 45, 5274-5282.	4.0	37
12	Evidence for limited compositional and particle size variation on asteroid (101955) Bennu from thermal infrared spectroscopy. Astronomy and Astrophysics, 2021, 650, A120.	5.1	30
13	Photometry of asteroid (101955) Bennu with OVIRS on OSIRIS-REx. Icarus, 2021, 358, 114183.	2.5	25
14	Reflectance spectroscopy of insoluble organic matter (IOM) and carbonaceous meteorites. Meteoritics and Planetary Science, 2019, 54, 1051-1068.	1.6	22
15	Weak spectral features on (101995) Bennu from the OSIRIS-REx Visible and InfraRed Spectrometer. Astronomy and Astrophysics, 2020, 644, A148.	5.1	22
16	Orbital evidence for clay and acidic sulfate assemblages on Mars based on mineralogical analogs from Rio Tinto, Spain. Icarus, 2016, 275, 45-64.	2.5	16
17	Science exploration architecture for Phobos and Deimos: The role of Phobos and Deimos in the future exploration of Mars. Advances in Space Research, 2018, 62, 2174-2186.	2.6	16
18	The Role of Hydrated Minerals and Space Weathering Products in the Bluing of Carbonaceous Asteroids. Planetary Science Journal, 2021, 2, 68.	3.6	14

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19	Reflectance Spectroscopy of Organic Matter in Sedimentary Rocks at Mid-Infrared Wavelengths. Clays and Clay Minerals, 2018, 66, 173-189.	1.3	10
20	Composition of organics on asteroid (101955) Bennu. Astronomy and Astrophysics, 2021, 653, L1.	5.1	10
21	Reflectance Spectroscopy for Organic Detection And Quantification in Clay-bearing Samples: Effects of Albedo, Clay Type, and Water Content. Clays and Clay Minerals, 2016, 64, 167-184.	1.3	9
22	Widely distributed exogenic materials of varying compositions and morphologies on asteroid (101955) Bennu. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2053-2070.	4.4	9
23	Visible–near infrared spectral indices for mapping mineralogy and chemistry with <scp>OSIRIS</scp> â€ <scp>RE</scp> x. Meteoritics and Planetary Science, 2020, 55, 744-765.	1.6	7
24	GRO 95577 (CR1) as a mineralogical analogue for asteroid (101955) Bennu. Icarus, 2022, 383, 115054.	2.5	6