Alex H Parker

List of Publications by Year
in descending order

20 papers	1,157 citations	623574 14 h-index	752573 20 g-index
20 all docs	20 docs citations	20 times ranked	1040 citing authors

#	Article	IF	Citations
1	THE ABSOLUTE MAGNITUDE DISTRIBUTION OF KUIPER BELT OBJECTS. Astrophysical Journal, 2014, 782, 100.	1.6	202
2	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. Science, 2019, 363, 955-959.	6.0	116
3	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. Science, 2019, 364, .	6.0	113
4	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. Astronomical Journal, 2016, 152, 70.	1.9	105
5	DESTRUCTION OF BINARY MINOR PLANETS DURING NEPTUNE SCATTERING. Astrophysical Journal Letters, 2010, 722, L204-L208.	3.0	104
6	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. Science, 2020, 367, .	6.0	79
7	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. Science, 2020, 367, .	6.0	76
8	Earth and Moon impact flux increased at the end of the Paleozoic. Science, 2019, 363, 253-257.	6.0	71
9	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. Science, 2020, 367, .	6.0	64
10	DISCOVERY OF A MAKEMAKEAN MOON. Astrophysical Journal Letters, 2016, 825, L9.	3.0	51
11	High-precision Orbit Fitting and Uncertainty Analysis of (486958) 2014 MU69. Astronomical Journal, 2018, 156, 20.	1.9	39
12	The intrinsic Neptune Trojan orbit distribution: Implications for the primordial disk and planet migration. Icarus, 2015, 247, 112-125.	1.1	35
13	The Global Color of Pluto from New Horizons. Astronomical Journal, 2017, 154, 258.	1.9	25
14	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. Astrophysical Journal Letters, 2018, 855, L6.	3.0	17
15	THE FIRST HIGH-PHASE OBSERVATIONS OF A KBO: NEW HORIZONS IMAGING OF (15810) 1994 JR₁ FROM THE KUIPER BELT. Astrophysical Journal Letters, 2016, 828, L15.	3.0	14
16	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
17	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
18	A Near-surface Temperature Model of Arrokoth. Planetary Science Journal, 2022, 3, 110.	1.5	9

#	Article	IF	Citations
19	Plutoâ€™s Haze Abundance and Size Distribution from Limb Scatter Observations by MVIC. Planetary Science Journal, 2021, 2, 91.	1.5	5
20	Is the Diameter of Herschel Crater, Mimas, an Outlier? A Mathematical Framework for Analyzing Planetary Feature Sizeâ€Frequency Distribution Anomalies. Geophysical Research Letters, 2021, 48, e2021GL093247.	1.5	4