

# Alex H Parker

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A Near-surface Temperature Model of Arrokoth. <i>Planetary Science Journal</i> , 2022, 3, 110.	1.5	9
2	Pluto's Haze Abundance and Size Distribution from Limb Scatter Observations by MVIC. <i>Planetary Science Journal</i> , 2021, 2, 91.	1.5	5
3	Is the Diameter of Herschel Crater, Mimas, an Outlier? A Mathematical Framework for Analyzing Planetary Feature Size-Frequency Distribution Anomalies. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093247.	1.5	4
4	Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	6.0	64
5	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, .	6.0	76
6	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. <i>Science</i> , 2020, 367, .	6.0	79
7	Phase Curves from the Kuiper Belt: Photometric Properties of Distant Kuiper Belt Objects Observed by New Horizons. <i>Astronomical Journal</i> , 2019, 158, 123.	1.9	14
8	Initial results from the New Horizons exploration of 2014 MU <sub>69</sub> , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .	6.0	113
9	Impact craters on Pluto and Charon indicate a deficit of small Kuiper belt objects. <i>Science</i> , 2019, 363, 955-959.	6.0	116
10	Earth and Moon impact flux increased at the end of the Paleozoic. <i>Science</i> , 2019, 363, 253-257.	6.0	71
11	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. <i>Astrophysical Journal Letters</i> , 2018, 855, L6.	3.0	17
12	Great Expectations: Plans and Predictions for New Horizons Encounter With Kuiper Belt Object 2014 MU <sub>69</sub> (aka Ultima Thule). <i>Geophysical Research Letters</i> , 2018, 45, 8111-8120.	1.5	14
13	High-precision Orbit Fitting and Uncertainty Analysis of (486958) 2014 MU <sub>69</sub> . <i>Astronomical Journal</i> , 2018, 156, 20.	1.9	39
14	The Global Color of Pluto from New Horizons. <i>Astronomical Journal</i> , 2017, 154, 258.	1.9	25
15	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. <i>Astronomical Journal</i> , 2016, 152, 70.	1.9	105
16	THE FIRST HIGH-PHASE OBSERVATIONS OF A KBO: NEW HORIZONS IMAGING OF (15810) 1994 JR <sub>1</sub> FROM THE KUIPER BELT. <i>Astrophysical Journal Letters</i> , 2016, 828, L15.	3.0	14
17	DISCOVERY OF A MAKEMAKEAN MOON. <i>Astrophysical Journal Letters</i> , 2016, 825, L9.	3.0	51
18	The intrinsic Neptune Trojan orbit distribution: Implications for the primordial disk and planet migration. <i>Icarus</i> , 2015, 247, 112-125.	1.1	35

#	ARTICLE	IF	CITATIONS
19	THE ABSOLUTE MAGNITUDE DISTRIBUTION OF KUIPER BELT OBJECTS. <i>Astrophysical Journal</i> , 2014, 782, 100.	1.6	202
20	DESTRUCTION OF BINARY MINOR PLANETS DURING NEPTUNE SCATTERING. <i>Astrophysical Journal Letters</i> , 2010, 722, L204-L208.	3.0	104