

# jean-marc Petit

## List of Publications by Year in Descending Order

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**Version:** 2024-04-02

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	701 citations	16 h-index	26 g-index
30 ext. papers	800 ext. citations	7.2 avg, IF	3.44 L-index

#	Paper	IF	Citations
29	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Belt's Progenitor Populations. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 9	2.9	
28	Discovery of the Closest Saturnian Irregular Moon, S/2019 S 1, and Implications for the Direct/Retrograde Satellite Ratio. <i>Planetary Science Journal</i> , <b>2022</b> , 3, 107	2.9	0
27	OSSOS. XXIII. 2013 VZ70 and the Temporary Coorbitals of the Giant Planets. <i>Planetary Science Journal</i> , <b>2021</b> , 2, 212	2.9	1
26	OSSOS Finds an Exponential Cutoff in the Size Distribution of the Cold Classical Kuiper Belt. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 920, L28	7.9	3
25	OSSOS. XXI. Collision Probabilities in the Edgeworth-Kuiper Belt. <i>Astronomical Journal</i> , <b>2021</b> , 161, 195	4.9	6
24	OSSOS: The eccentricity and inclination distributions of the stable neptunian Trojans. <i>Icarus</i> , <b>2021</b> , 361, 114391	3.8	3
23	The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , <b>2020</b> , 367,	33.3	43
22	OSSOS XX: The Meaning of Kuiper Belt Colors. <i>Astronomical Journal</i> , <b>2020</b> , 160, 46	4.9	12
21	Col-OSSOS: Compositional Homogeneity of Three Kuiper Belt Binaries. <i>Planetary Science Journal</i> , <b>2020</b> , 1, 16	2.9	6
20	OSSOS. XII. Variability Studies of 65 Trans-Neptunian Objects Using the Hyper Suprime-Cam. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 244, 19	8	3
19	Col-OSSOS: Color and Inclination Are Correlated throughout the Kuiper Belt. <i>Astronomical Journal</i> , <b>2019</b> , 157, 94	4.9	18
18	Col-OSSOS: The Colors of the Outer Solar System Origins Survey. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 243, 12	8	22
17	OSSOS. XIX. Testing Early Solar System Dynamical Models Using OSSOS Centaur Detections. <i>Astronomical Journal</i> , <b>2019</b> , 158, 132	4.9	11
16	OSSOS. XVIII. Constraining Migration Models with the 2:1 Resonance Using the Outer Solar System Origins Survey. <i>Astronomical Journal</i> , <b>2019</b> , 158, 214	4.9	5
15	OSSOS XV: PROBING THE DISTANT SOLAR SYSTEM WITH OBSERVED SCATTERING TNOs. <i>Astronomical Journal</i> , <b>2019</b> , 158,	4.9	16
14	OSSOS. XIV. The Plane of the Kuiper Belt. <i>Astronomical Journal</i> , <b>2019</b> , 158, 49	4.9	7
13	OSSOS. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 621, A102	5.1	7

12	OSSOS. IX. Two Objects in Neptune's 9:1 Resonance Implications for Resonance Sticking in the Scattering Population. <i>Astronomical Journal</i> , <b>2018</b> , 155, 260	4.9	21
11	OSSOS. VII. 800+ Trans-Neptunian Objects The Complete Data Release. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 236, 18	8	71
10	All planetesimals born near the Kuiper belt formed as binaries. <i>Nature Astronomy</i> , <b>2017</b> , 1,	12.1	47
9	OSSOS. VI. Striking Biases in the Detection of Large Semimajor Axis Trans-Neptunian Objects. <i>Astronomical Journal</i> , <b>2017</b> , 154, 50	4.9	45
8	Col-OSSOS:z-Band Photometry Reveals Three Distinct TNO Surface Types. <i>Astronomical Journal</i> , <b>2017</b> , 154, 101	4.9	37
7	A CAREFULLY CHARACTERIZED AND TRACKED TRANS-NEPTUNIAN SURVEY: THE SIZE DISTRIBUTION OF THE PLUTINOS AND THE NUMBER OF NEPTUNIAN TROJANS. <i>Astronomical Journal</i> , <b>2016</b> , 152, 111	4.9	47
6	OSSOS III RESONANT TRANS-NEPTUNIAN POPULATIONS: CONSTRAINTS FROM THE FIRST QUARTER OF THE OUTER SOLAR SYSTEM ORIGINS SURVEY. <i>Astronomical Journal</i> , <b>2016</b> , 152, 23	4.9	42
5	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. <i>Astronomical Journal</i> , <b>2016</b> , 152, 70	4.9	84
4	THE 5:1 NEPTUNE RESONANCE AS PROBED BY CFEPS: DYNAMICS AND POPULATION. <i>Astronomical Journal</i> , <b>2015</b> , 149, 202	4.9	26
3	2011 HM102: DISCOVERY OF A HIGH-INCLINATION L5 NEPTUNE TROJAN IN THE SEARCH FOR A POST-PLUTO NEW HORIZONS TARGET. <i>Astronomical Journal</i> , <b>2013</b> , 145, 96	4.9	20
2	A Uranian Trojan and the frequency of temporary giant-planet co-orbitals. <i>Science</i> , <b>2013</b> , 341, 994-7	33.3	52
1	A POSSIBLE DIVOT IN THE SIZE DISTRIBUTION OF THE KUIPER BELT'S SCATTERING OBJECTS. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 764, L2	7.9	46