

# Brett Gladman

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,837  
citations

361413

20  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Systems of Two Close Planets. <i>Icarus</i> , 1993, 106, 247-263.	2.5	504
2	The Structure of the Kuiper Belt: Size Distribution and Radial Extent. <i>Astronomical Journal</i> , 2001, 122, 1051-1066.	4.7	199
3	The orbital distribution of Near-Earth Objects inside Earth's orbit. <i>Icarus</i> , 2012, 217, 355-366.	2.5	118
4	Pencil-Beam Surveys for Faint Trans-Neptunian Objects. <i>Astronomical Journal</i> , 1998, 116, 2042-2054.	4.7	110
5	On the fates of minor bodies in the outer solar system. <i>Astronomical Journal</i> , 1990, 100, 1680.	4.7	104
6	Impact and cratering rates onto Pluto. <i>Icarus</i> , 2015, 258, 267-288.	2.5	70
7	All planetesimals born near the Kuiper belt formed as binaries. <i>Nature Astronomy</i> , 2017, 1, .	10.1	63
8	Impact Seeding and Reseeding in the Inner Solar System. <i>Astrobiology</i> , 2005, 5, 483-496.	3.0	62
9	A Uranian Trojan and the Frequency of Temporary Giant-Planet Co-Orbitals. <i>Science</i> , 2013, 341, 994-997.	12.6	62
10	A CAREFULLY CHARACTERIZED AND TRACKED TRANS-NEPTUNIAN SURVEY: THE SIZE DISTRIBUTION OF THE PLUTINOS AND THE NUMBER OF NEPTUNIAN TROJANS. <i>Astronomical Journal</i> , 2016, 152, 111.	4.7	55
11	The Kuiper Belt and the Solar System's Comet Disk. <i>Science</i> , 2005, 307, 71-75.	12.6	54
12	Mercurian impact ejecta: Meteorites and mantle. <i>Meteoritics and Planetary Science</i> , 2009, 44, 285-291.	1.6	54
13	OSSOS III'S RESONANT TRANS-NEPTUNIAN POPULATIONS: CONSTRAINTS FROM THE FIRST QUARTER OF THE OUTER SOLAR SYSTEM ORIGINS SURVEY. <i>Astronomical Journal</i> , 2016, 152, 23.	4.7	52
14	OSSOS: X. How to Use a Survey Simulator: Statistical Testing of Dynamical Models Against the Real Kuiper Belt. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	2.8	42
15	Decoherence time scales for "meteoroid streams". <i>Meteoritics and Planetary Science</i> , 2005, 40, 1241-1256.	1.6	38
16	Transneptunian Space. <i>Annual Review of Astronomy and Astrophysics</i> , 2021, 59, 203-246.	24.8	36
17	Col-OSSOS: The Colors of the Outer Solar System Origins Survey. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 12.	7.7	31
18	Crater Density Predictions for New Horizons Flyby Target 2014 MU69. <i>Astrophysical Journal Letters</i> , 2019, 872, L5.	8.3	26

#	ARTICLE	IF	CITATIONS
19	OSSOS XX: The Meaning of Kuiper Belt Colors. <i>Astronomical Journal</i> , 2020, 160, 46.	4.7	26
20	OSSOS Finds an Exponential Cutoff in the Size Distribution of the Cold Classical Kuiper Belt. <i>Astrophysical Journal Letters</i> , 2021, 920, L28.	8.3	22
21	OSSOS. XIV. The Plane of the Kuiper Belt. <i>Astronomical Journal</i> , 2019, 158, 49.	4.7	19
22	OSSOS. XXI. Collision Probabilities in the Edgeworthâ€“Kuiper Belt. <i>Astronomical Journal</i> , 2021, 161, 195.	4.7	16
23	OSSOS: The eccentricity and inclination distributions of the stable neptunian Trojans. <i>Icarus</i> , 2021, 361, 114391.	2.5	9
24	Transient Jupiter Co-orbitals from Solar System Sources. <i>Astronomical Journal</i> , 2020, 160, 144.	4.7	8
25	Col-OSSOS: Compositional Homogeneity of Three Kuiper Belt Binaries. <i>Planetary Science Journal</i> , 2020, 1, 16.	3.6	8
26	OSSOS XXV: Large Populations and Scatteringâ€“Sticking in the Distant Trans-Neptunian Resonances. <i>Planetary Science Journal</i> , 2022, 3, 113.	3.6	8
27	Compositional Study of Trans-Neptunian Objects at $\hat{a} \gtrsim 2.2 \hat{a}_m$ . <i>Planetary Science Journal</i> , 2021, 2, 10.	3.6	7
28	Free Inclinations for Trans-Neptunian Objects in the Main Kuiper Belt. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 54.	7.7	7
29	Evidence for a Recent Collision in Saturnâ€™s Irregular Moon Population. <i>Planetary Science Journal</i> , 2021, 2, 158.	3.6	5
30	The Population of Kilometer-scale Retrograde Jovian Irregular Moons. <i>Planetary Science Journal</i> , 2020, 1, 52.	3.6	3
31	OSSOS. XXIII. 2013 VZ <sub>70</sub> and the Temporary Coorbitals of the Giant Planets. <i>Planetary Science Journal</i> , 2021, 2, 212.	3.6	3
32	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Beltâ€™s Progenitor Populations. <i>Planetary Science Journal</i> , 2022, 3, 9.	3.6	3
33	Discovery of the Closest Saturnian Irregular Moon, S/2019 S 1, and Implications for the Direct/Retrograde Satellite Ratio. <i>Planetary Science Journal</i> , 2022, 3, 107.	3.6	2
34	Four-billion year stability of the Earthâ€™s Mars belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1151-1157.	4.4	1
35	The Inbound Light Curve of 21/Borisov. <i>Research Notes of the AAS</i> , 2019, 3, 187.	0.7	1
36	Additional Keplerian Signals in the HARPS data for Gliese 667C: Further Analysis. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 287-288.	0.0	0