

Brett Gladman

List of Publications by Year in descending order

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36
papers

1,837
citations

361413
20
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345221
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37
docs citations

37
times ranked

1912
citing authors

#	ARTICLE	IF	CITATIONS
1	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Belt's Progenitor Populations. <i>Planetary Science Journal</i> , 2022, 3, 9.	3.6	3
2	Free Inclinations for Trans-Neptunian Objects in the Main Kuiper Belt. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 54.	7.7	7
3	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
4	OSSOS XXV: Large Populations and Scattering "Sticking in the Distant Trans-Neptunian Resonances. <i>Planetary Science Journal</i> , 2022, 3, 113.	3.6	8
5	Compositional Study of Trans-Neptunian Objects at $\lambda = 2.2 \mu\text{m}$. <i>Planetary Science Journal</i> , 2021, 2, 10.	3.6	7
6	OSSOS. XXI. Collision Probabilities in the Edgeworth-Kuiper Belt. <i>Astronomical Journal</i> , 2021, 161, 195.	4.7	16
7	OSSOS: The eccentricity and inclination distributions of the stable neptunian Trojans. <i>Icarus</i> , 2021, 361, 114391.	2.5	9
8	Evidence for a Recent Collision in Saturn's Irregular Moon Population. <i>Planetary Science Journal</i> , 2021, 2, 158.	3.6	5
9	Transneptunian Space. <i>Annual Review of Astronomy and Astrophysics</i> , 2021, 59, 203-246.	24.3	36
10	OSSOS. XXIII. 2013 VZ ₇₀ and the Temporary Co-orbitals of the Giant Planets. <i>Planetary Science Journal</i> , 2021, 2, 212.	3.6	3
11	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
12	Four-billion year stability of the Earth-Mars belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1151-1157.	4.4	1
13	OSSOS XX: The Meaning of Kuiper Belt Colors. <i>Astronomical Journal</i> , 2020, 160, 46.	4.7	26
14	Transient Jupiter Co-orbitals from Solar System Sources. <i>Astronomical Journal</i> , 2020, 160, 144.	4.7	8
15	Col-OSSOS: Compositional Homogeneity of Three Kuiper Belt Binaries. <i>Planetary Science Journal</i> , 2020, 1, 16.	3.6	8
16	The Population of Kilometer-scale Retrograde Jovian Irregular Moons. <i>Planetary Science Journal</i> , 2020, 1, 52.	3.6	3
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	OSSOS. XIV. The Plane of the Kuiper Belt. <i>Astronomical Journal</i> , 2019, 158, 49.	4.7	19

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19	Crater Density Predictions for New Horizons Flyby Target 2014 MU69. <i>Astrophysical Journal Letters</i> , 2019, 872, L5.	8.3	26
20	The Inbound Light Curve of 21/Borisov. <i>Research Notes of the AAS</i> , 2019, 3, 187.	0.7	1
21	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
22	All planetesimals born near the Kuiper belt formed as binaries. <i>Nature Astronomy</i> , 2017, 1, .	10.1	63
23	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
24	OSSOS IIIâ€™ 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
25	Impact and cratering rates onto Pluto. <i>Icarus</i> , 2015, 258, 267-288.	2.5	70
26	A Uranian Trojan and the Frequency of Temporary Giant-Planet Co-Orbitals. <i>Science</i> , 2013, 341, 994-997.	12.6	62
27	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
28	The orbital distribution of Near-Earth Objects inside Earthâ€™s orbit. <i>Icarus</i> , 2012, 217, 355-366.	2.5	118
29	Mercurian impact ejecta: Meteorites and mantle. <i>Meteoritics and Planetary Science</i> , 2009, 44, 285-291.	1.6	54
30	Impact Seeding and Reseeding in the Inner Solar System. <i>Astrobiology</i> , 2005, 5, 483-496.	3.0	62
31	The Kuiper Belt and the Solar System's Comet Disk. <i>Science</i> , 2005, 307, 71-75.	12.6	54
32	Decoherence time scales for â€™meteoroid streamsâ€™. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1241-1256.	1.6	38
33	The Structure of the Kuiper Belt: Size Distribution and Radial Extent. <i>Astronomical Journal</i> , 2001, 122, 1051-1066.	4.7	199
34	Pencil-Beam Surveys for Faint Trans-Neptunian Objects. <i>Astronomical Journal</i> , 1998, 116, 2042-2054.	4.7	110
35	Dynamics of Systems of Two Close Planets. <i>Icarus</i> , 1993, 106, 247-263.	2.5	504
36	On the fates of minor bodies in the outer solar system. <i>Astronomical Journal</i> , 1990, 100, 1680.	4.7	104