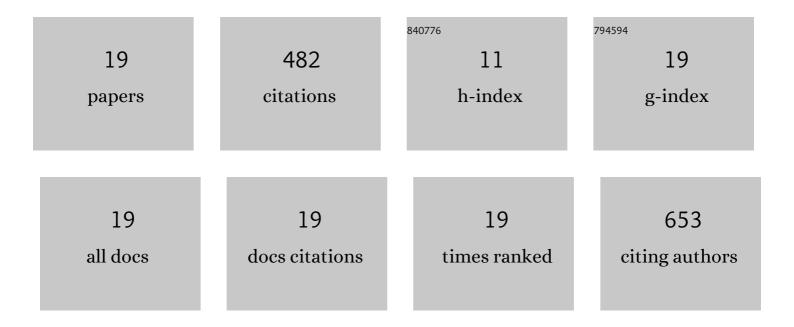
Matthew S Clement

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1884811/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Habitable Planet Formation around Low-mass Stars: Rapid Accretion, Rapid Debris Removal, and the Essential Contribution of External Giants. Astrophysical Journal, 2022, 928, 91.	4.5	7
2	Mathematical encoding within multiresonant planetary systems as SETI beacons. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4945-4950.	4.4	3
3	Born eccentric: Constraints on Jupiter and Saturn's pre-instability orbits. Icarus, 2021, 355, 114122.	2.5	22
4	Dynamical Avenues for Mercury's Origin. I. The Lone Survivor of a Primordial Generation of Short-period Protoplanets. Astronomical Journal, 2021, 161, 240.	4.7	12
5	Stability of Neptune's Distant Resonances in the Presence of Planet Nine. Astronomical Journal, 2021, 162, 27.	4.7	8
6	Dynamical Avenues for Mercury's Origin. II. In Situ Formation in the Inner Terrestrial Disk. Astronomical Journal, 2021, 162, 3.	4.7	10
7	Born extra-eccentric: A broad spectrum of primordial configurations of the gas giants that match their present-day orbits. Icarus, 2021, 367, 114556.	2.5	7
8	The early instability scenario: Mars' mass explained by Jupiter's orbit. Icarus, 2021, 367, 114585.	2.5	11
9	Mercury as the Relic of Earth and Venus Outward Migration. Astrophysical Journal Letters, 2021, 923, L16.	8.3	8
10	A record of the final phase of giant planet migration fossilized in the asteroid belt's orbital structure. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 492, L56-L60.	3.3	21
11	Orbital Precession in the Distant Solar System: Further Constraining the Planet Nine Hypothesis with Numerical Simulations. Astronomical Journal, 2020, 159, 285.	4.7	13
12	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. Astronomical Journal, 2020, 160, 116.	4.7	67
13	Search for Nearby Earth Analogs .III. Detection of 10 New Planets, 3 Planet Candidates, and Confirmation of 3 Planets around 11 Nearby M Dwarfs. Astrophysical Journal, Supplement Series, 2020, 250, 29.	7.7	18
14	Embryo Formation with GPU Acceleration: Reevaluating the Initial Conditions for Terrestrial Accretion. Planetary Science Journal, 2020, 1, 18.	3.6	23
15	The early instability scenario: Terrestrial planet formation during the giant planet instability, and the effect of collisional fragmentation. Icarus, 2019, 321, 778-790.	2.5	72
16	Excitation and Depletion of the Asteroid Belt in the Early Instability Scenario. Astronomical Journal, 2019, 157, 38.	4.7	42
17	Dynamical Constraints on Mercury's Collisional Origin. Astronomical Journal, 2019, 157, 208.	4.7	23
18	Mars' growth stunted by an early giant planet instability. Icarus, 2018, 311, 340-356.	2.5	108

#	Article	IF	CITATIONS
19	Prevalence of chaos in planetary systems formed through embryo accretion. Icarus, 2017, 288, 88-98.	2.5	7