Jean Teyssandier

List of Publications by Year
in descending order

14 papers	1,155 citations	1039880 9 h-index	1058333 14 g-index
14 all docs	14 docs citations	14 times ranked	1279 citing authors

#	Article	IF	Citations
1	Hot Jupiters from secular planetâ€“planet interactions. Nature, 2011, 473, 187-189.	13.7	407
2	Secular dynamics in hierarchical three-body systems. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2155-2171.	1.6	308
3	EXTREME ORBITAL EVOLUTION FROM HIERARCHICAL SECULAR COUPLING OF TWO GIANT PLANETS. Astrophysical Journal, 2013, 779, 166.	1.6	86
4	Growth of eccentric modes in discâ€“planet interactions. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3221-3247.	1.6	73
5	Orbital evolution of a planet on an inclined orbit interacting with a disc. Monthly Notices of the Royal Astronomical Society, 2013, 428, 658-669.	1.6	62
6	Eccentricity evolution during planetâ€“disc interaction. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4460-4476.	1.6	48
7	Evolution of eccentricity and orbital inclination of migrating planets in 2:1 mean motion resonance. Monthly Notices of the Royal Astronomical Society, 2014, 443, 568-583.	1.6	43
8	Formation of hot Jupiters through secular chaos and dynamical tides. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2265-2280.	1.6	33
9	Torque on an exoplanet from an anisotropic evaporative wind. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1743-1753.	1.6	30
10	Secular evolution of eccentricity in protoplanetary discs with gap-opening planets. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4577-4590.	1.6	30
11	Transit timing variation signature of planet migration: the case of K2-24. Astronomy and Astrophysics, 2020, 643, A11.	2.1	10
12	A simplified model for the secular dynamics of eccentric discs and applications to planetâ€“disc interactions. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4353-4365.	1.6	9
13	Pulsed disc accretion driven by Hot jupiters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3920-3928.	1.6	8
14	TRAPPIST-1: Dynamical analysis of the transit-timing variations and origin of the resonant chain. Astronomy and Astrophysics, 2022, 658, A170.	2.1	8