Mickael Gastineau

List of Publications by Year
in descending order

10	536	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	INPOP06: a new numerical planetary ephemeris. Astronomy and Astrophysics, 2008, 477, 315-327.	5.1	130
2	Use of MESSENGER radioscience data to improve planetary ephemeris and to test general relativity. Astronomy and Astrophysics, 2014, 561, A115.	5.1	102
3	Numerical estimation of the sensitivity of INPOP planetary ephemerides to general relativity parameters. Celestial Mechanics and Dynamical Astronomy, 2015, 123, 325-349.	1.4	95
4	The new lunar ephemeris INPOP17a and its application to fundamental physics. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1877-1888.	4.4	63
5	Constraints on the location of a possible 9th planet derived from theCassinidata. Astronomy and Astrophysics, 2016, 587, L8.	5.1	56
6	Observational Constraint on the Radius and Oblateness of the Lunar Coreâ€Mantle Boundary. Geophysical Research Letters, 2019, 46, 7295-7303.	4.0	31
7	Constraining the Mass of the Graviton with the Planetary Ephemeris INPOP. Physical Review Letters, 2019, 123, 161103.	7.8	23
8	Analysis of Cassini radio tracking data for the construction of INPOP19a: A new estimate of the Kuiper belt mass. Astronomy and Astrophysics, 2020, 640, A7.	5.1	16
9	Constraint on the Yukawa suppression of the Newtonian potential from the planetary ephemeris INPOP19a. Physical Review D, 2020, 102, .	4.7	15
10	Constraining massless dilaton theory at Solar system scales with the planetary ephemeris INPOP. Physical Review D, 2022, 105, .	4.7	5