Agnes Fienga

List of Publications by Citations

37 papers	8,256 citations	20 h-index	40 g-index
40 ext. papers	10,860 ext. citations	4.4 avg, IF	4.53 L-index

#	Paper	IF	Citations
37	TheGaiamission. *Astronomy and Astrophysics*, **2016**, 595, A1	5.1	2933
36	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A2	5.1	1364
35	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A2	5.1	1269
34	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 649, A1	5.1	776
33	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A4	5.1	505
32	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 649, A2	5.1	219
31	The INPOP10a planetary ephemeris and its applications in fundamental physics. *Celestial Mechanics and Dynamical Astronomy*, **2011**, 111, 363-385	1.4	190
30	INPOP06: a new numerical planetary ephemeris. *Astronomy and Astrophysics*, **2008**, 477, 315-327	5.1	109
29	INPOP08, a 4-D planetary ephemeris: from asteroid and time-scale computations to ESA Mars Express and Venus Express contributions. *Astronomy and Astrophysics*, **2009**, 507, 1675-1686	5.1	101
28	Use of MESSENGER radioscience data to improve planetary ephemeris and to test general relativity. *Astronomy and Astrophysics*, **2014**, 561, A115	5.1	81
27	Numerical estimation of the sensitivity of INPOP planetary ephemerides to general relativity parameters. *Celestial Mechanics and Dynamical Astronomy*, **2015**, 123, 325-349	1.4	75
26	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A3	5.1	73
25	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 601, A19	5.1	71
24	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 605, A79	5.1	64
23	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 649, A6	5.1	61
22	Constraints on the location of a possible 9th planet derived from theCassinidata. *Astronomy and Astrophysics*, **2016**, 587, L8	5.1	47
21	The new lunar ephemeris INPOP17a and its application to fundamental physics. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 1877-1888	4.3	41

20	Lunar laser ranging in infrared at the Grasse laser station. *Astronomy and Astrophysics*, **2017**, 602, A90	5.1	32
19	Accuracy limit of modern ephemerides imposed by the uncertainties in asteroid masses. *Astronomy and Astrophysics*, **2002**, 384, 322-328	5.1	32
18	Gravity tests with INPOP planetary ephemerides. *Proceedings of the International Astronomical Union*, **2009**, 5, 159-169	0.1	29
17	A ring as a model of the main belt in planetary ephemerides. *Astronomy and Astrophysics*, **2010**, 514, A96	5.1	19
16	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 649, A9	5.1	19
15	Observational Constraint on the Radius and Oblateness of the Lunar Core-Mantle Boundary. *Geophysical Research Letters*, **2019**, 46, 7295-7303	4.9	18
14	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 649, A8	5.1	18
13	Homogeneous internal structure of CM-like asteroid (41) Daphne. *Astronomy and Astrophysics*, **2019**, 623, A132	5.1	17
12	Determination of asteroid masses from their close encounters with Mars. *Planetary and Space Science*, **2010**, 58, 858-863	2	17
11	IMEM2: a meteoroid environment model for the inner solar system. *Astronomy and Astrophysics*, **2019**, 628, A109	5.1	11
10	Asteroid masses obtained with INPOP planetary ephemerides. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 589-602	4.3	11
9	Exogenous origin of hydration on asteroid (16) Psyche: the role of hydrated asteroid families. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 3419-3428	4.3	11
8	New constraints on the location of P9 obtained with the INPOP19a planetary ephemeris. *Astronomy and Astrophysics*, **2020**, 640, A6	5.1	11
7	Constraining the Mass of the Graviton with the Planetary Ephemeris INPOP. *Physical Review Letters*, **2019**, 123, 161103	7.4	9
6	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	8
5	Gravity, Geodesy and Fundamental Physics with BepiColombo MORE Investigation. *Space Science Reviews*, **2021**, 217, 1	7.5	8
4	Constraint on the Yukawa suppression of the Newtonian potential from the planetary ephemeris INPOP19a. *Physical Review D*, **2020**, 102,	4.9	3
3	Tests of GR with INPOP15a planetary ephemerides: Estimations of possible supplementary advances of perihelia for Mercury and Saturn **2017**,		3

2	Satellite and lunar laser ranging in infrared **2017**,		1
1	A ring model of the main asteroid belt for planetary ephemerides. *Icarus*, **2022**, 376, 114845	3.8	0