

# Agnes Fienga

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A ring model of the main asteroid belt for planetary ephemerides. <i>Icarus</i> , <b>2022</b> , 376, 114845	3.8	0
36	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A6	5.1	61
35	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A9	5.1	19
34	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A2	5.1	219
33	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A8	5.1	18
32	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A1	5.1	776
31	Gravity, Geodesy and Fundamental Physics with BepiColombo's MORE Investigation. <i>Space Science Reviews</i> , <b>2021</b> , 217, 1	7.5	8
30	Asteroid masses obtained with INPOP planetary ephemerides. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 589-602	4.3	11
29	Constraint on the Yukawa suppression of the Newtonian potential from the planetary ephemeris INPOP19a. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3
28	New constraints on the location of P9 obtained with the INPOP19a planetary ephemeris. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 640, A6	5.1	11
27	Analysis of Cassini radio tracking data for the construction of INPOP19a: A new estimate of the Kuiper belt mass. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 640, A7	5.1	8
26	IMEM2: a meteoroid environment model for the inner solar system. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 628, A109	5.1	11
25	Homogeneous internal structure of CM-like asteroid (41) Daphne. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, A132	5.1	17
24	Observational Constraint on the Radius and Oblateness of the Lunar Core-Mantle Boundary. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7295-7303	4.9	18
23	Constraining the Mass of the Graviton with the Planetary Ephemeris INPOP. <i>Physical Review Letters</i> , <b>2019</b> , 123, 161103	7.4	9
22	Exogenous origin of hydration on asteroid (16) Psyche: the role of hydrated asteroid families. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3419-3428	4.3	11
21	The new lunar ephemeris INPOP17a and its application to fundamental physics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 1877-1888	4.3	41

20	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A2	5.1	1269
19	Satellite and lunar laser ranging in infrared <b>2017</b> ,		1
18	Lunar laser ranging in infrared at the Grasse laser station. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 602, A90	5.1	32
17	Tests of GR with INPOP15a planetary ephemerides: Estimations of possible supplementary advances of perihelia for Mercury and Saturn <b>2017</b> ,		3
16	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
15	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
14	TheGaia mission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933
13	Constraints on the location of a possible 9th planet derived from theCassini data. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, L8	5.1	47
12	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A3	5.1	73
11	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
10	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A4	5.1	505
9	Numerical estimation of the sensitivity of INPOP planetary ephemerides to general relativity parameters. <i>Celestial Mechanics and Dynamical Astronomy</i> , <b>2015</b> , 123, 325-349	1.4	75
8	Use of MESSENGER radioscience data to improve planetary ephemeris and to test general relativity. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 561, A115	5.1	81
7	The INPOP10a planetary ephemeris and its applications in fundamental physics. <i>Celestial Mechanics and Dynamical Astronomy</i> , <b>2011</b> , 111, 363-385	1.4	190
6	A ring as a model of the main belt in planetary ephemerides. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 514, A96	5.1	19
5	Determination of asteroid masses from their close encounters with Mars. <i>Planetary and Space Science</i> , <b>2010</b> , 58, 858-863	2	17
4	INPOP08, a 4-D planetary ephemeris: from asteroid and time-scale computations to ESA Mars Express and Venus Express contributions. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 507, 1675-1686	5.1	101
3	Gravity tests with INPOP planetary ephemerides. <i>Proceedings of the International Astronomical Union</i> , <b>2009</b> , 5, 159-169	0.1	29

- 2 INPOP06: a new numerical planetary ephemeris. *Astronomy and Astrophysics*, **2008**, 477, 315-327 5.1 109
- 1 Accuracy limit of modern ephemerides imposed by the uncertainties in asteroid masses. *Astronomy and Astrophysics*, **2002**, 384, 322-328 5.1 32