

# Federica Spoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1110148/publications.pdf>

Version: 2024-02-01

19  
papers

1,171  
citations

933447

10  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1779  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A17.   | 5.1  | 495       |
| 2  | Asteroid families classification: Exploiting very large datasets. <i>Icarus</i> , 2014, 239, 46-73.   | 2.5  | 171       |
| 3  | Asteroid family ages. <i>Icarus</i> , 2015, 257, 275-289.   | 2.5  | 132       |
| 4  | Near Earth Asteroids with measurable Yarkovsky effect. <i>Icarus</i> , 2013, 224, 1-13.   | 2.5  | 122       |
| 5  | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.   | 5.1  | 78        |
| 6  | On the ages of resonant, eroded and fossil asteroid families. <i>Icarus</i> , 2017, 288, 240-264.   | 2.5  | 46        |
| 7  | Detecting the Yarkovsky effect among near-Earth asteroids from astrometric data. <i>Astronomy and Astrophysics</i> , 2018, 617, A61.                                  | 5.1  | 40        |
| 8  | Short arc orbit determination and imminent impactors in the <i>Gaia</i> era. <i>Astronomy and Astrophysics</i> , 2018, 614, A27.                                      | 5.1  | 16        |
| 9  | Asteroid cratering families: recognition and collisional interpretation. <i>Astronomy and Astrophysics</i> , 2019, 622, A47.  | 5.1  | 11        |
| 10 | Completeness of Impact Monitoring. <i>Icarus</i> , 2019, 321, 647-660.  | 2.5  | 10        |
| 11 | The population of rotational fission clusters inside asteroid collisional families. <i>Nature Astronomy</i> , 2020, 4, 83-88.   | 10.1 | 10        |
| 12 | Ground-based astrometry calibrated by <i>Gaia</i> DR1: new perspectives in asteroid orbit determination. <i>Astronomy and Astrophysics</i> , 2017, 607, A21.          | 5.1  | 9         |
| 13 | Families classification including multiopposition asteroids. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 28-45.                            | 0.0  | 7         |
| 14 | Automated Classification of Asteroids into Families at Work. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 130-133.                           | 0.0  | 6         |
| 15 | Asteroid astrometry by stellar occultations: Accuracy of the existing sample from orbital fitting. <i>Astronomy and Astrophysics</i> , 2022, 658, A73.                | 5.1  | 5         |
| 16 | Yarkovsky effect detection and updated impact hazard assessment for near-Earth asteroid (410777) 2009 FD. <i>Astronomy and Astrophysics</i> , 2019, 627, L11.         | 5.1  | 4         |
| 17 | The impact of physical processes on the estimation of the ages of asteroid families. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4302-4320. | 4.4  | 4         |
| 18 | Spin clusters inside four young asteroid groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2556-2567.                                     | 4.4  | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Optimizing asteroid orbit computation for Gaiawith normal points. Astronomy and Astrophysics, 2018, 620, A101. | 5.1 | 2         |