# Paola Pinilla

List of Publications by Year
in descending order



| 34 | 2,254 | 304743 22 | 377865 34 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 1306 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mass determination of protoplanetary disks from dust evolution. Astronomy and Astrophysics, 2022, 657, A74. | 5.1 | 7 |
| 2 | Steady-state accretion in magnetized protoplanetary disks. Astronomy and Astrophysics, 2022, 658, A97. | 5.1 | 21 |
| 3 | Disk Evolution Study through Imaging of Nearby Young Stars (DESTINYS): A Panchromatic View of DO Tauâ€™s Complex Kilo-astronomical-unit Environment. Astrophysical Journal, 2022, 930, 171. | 4.5 | 7 |
| 4 | Gas Disk Sizes from CO Line Observations: A Test of Angular Momentum Evolution. Astrophysical Journal, 2022, 931, 6. | 4.5 | 25 |
| 5 | Efficient dust radial drift around young intermediate-mass stars. Astronomy and Astrophysics, 2022, 662, L8. | 5.1 | 7 |
| 6 | Growing and trapping pebbles with fragile collisions of particles in protoplanetary disks. Astronomy and Astrophysics, 2021, 645, A70. | 5.1 | 26 |
| 7 | Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYS): Late Infall Causing Disk Misalignment and Dynamic Structures in SU Aur*. Astrophysical Journal Letters, 2021, 908, L25. | 8.3 | 42 |
| 8 | Which planets trigger longer lived vortices: low-mass or high-mass?. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3963-3985. | 4.4 | 16 |
| 9 | A Circumplanetary Disk around PDS70c. Astrophysical Journal Letters, 2021, 916, L2. | 8.3 | 114 |
| 10 | The Ophiuchus DIsc Survey Employing ALMA (ODISEA) â€“ III. The evolution of substructures in massive discs at 3â€“5 au resolution. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2934-2953. | 4.4 | 57 |
| 11 | Linking Outer Disk Pebble Dynamics and Gaps to Inner Disk Water Enrichment. Astrophysical Journal, 2021, 921, 84. | 4.5 | 7 |
| 12 | Hints on the origins of particle traps in protoplanetary disks given by the M<sub>dust</sub> â€“ M<sub>â‹†</sub> relation. Astronomy and Astrophysics, 2020, 635, A105. | 5.1 | 46 |
| 13 | The Evolution of Dust Disk Sizes from a Homogeneous Analysis of 1â€“10 Myr old Stars. Astrophysical Journal, 2020, 895, 126. | 4.5 | 57 |
| 14 | Dual-wavelength ALMA Observations of Dust Rings in Protoplanetary Disks. Astrophysical Journal, 2020, 898, 36. | 4.5 | 30 |
| 15 | Solving Grain Size Inconsistency between ALMA Polarization and VLA Continuum in the Ophiuchus IRS 48 Protoplanetary Disk. Astrophysical Journal, 2020, 900, 81. | 4.5 | 23 |
| 16 | Hints for Icy Pebble Migration Feeding an Oxygen-rich Chemistry in the Inner Planet-forming Region of Disks. Astrophysical Journal, 2020, 903, 124. | 4.5 | 47 |
| 17 | A Tale of Two Transition Disks: ALMA Long-baseline Observations of ISO-Oph 2 Reveal Two Closely Packed Nonaxisymmetric Rings and a â¼2 au Cavity. Astrophysical Journal Letters, 2020, 902, L33. | 8.3 | 11 |
| 18 | Compact Disks in a High-resolution ALMA Survey of Dust Structures in the Taurus Molecular Cloud. Astrophysical Journal, 2019, 882, 49. | 4.5 | 139 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An Inner Disk in the Large Gap of the Transition Disk SR 24S. Astrophysical Journal, 2019, 878, 16. | 4.5 | 22 |
| 20 | Observational diagnostics of elongated planet-induced vortices with realistic planet formation time-scales. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3609-3621. | 4.4 | 18 |
| 21 | The newborn planet population emerging from ring-like structures in discs. Monthly Notices of the Royal Astronomical Society, 2019, 486, 453-461. | 4.4 | 102 |
| 22 | Ring structure in the MWC 480 disk revealed by ALMA. Astronomy and Astrophysics, 2019, 622, A75. | 5.1 | 55 |
| 23 | Gaps and Rings in an ALMA Survey of Disks in the Taurus Star-forming Region. Astrophysical Journal, 2018, 869, 17. | 4.5 | 337 |
| 24 | Resolved millimeter-dust continuum cavity around the very low mass young star CIDA 1. Astronomy and Astrophysics, 2018, 615, A95. | 5.1 | 18 |
| 25 | A likely planet-induced gap in the disc around T Cha. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 475, L62-L66. | 3.3 | 32 |
| 26 | Diverse Protoplanetary Disk Morphology Produced by a Jupiter-mass Planet. Astrophysical Journal Letters, 2018, 864, L26. | 8.3 | 50 |
| 27 | Particle Trapping in Protoplanetary Disks: Models vs. Observations. Astrophysics and Space Science Library, 2017, , 91-142. | 2.7 | 11 |
| 28 | Steepening of the 820Î¼m continuum surface brightness profile signals dust evolution in TW Hydraeâ€™s disk. Astronomy and Astrophysics, 2016, 586, A99. | 5.1 | 25 |
| 29 | Can dead zones create structures like a transition disk?. Astronomy and Astrophysics, 2016, 596, A81. | 5.1 | 95 |
| 30 | VORTEX FORMATION AND EVOLUTION IN PLANET HARBORING DISKS UNDER THERMAL RELAXATION. Astrophysical Journal, 2015, 810, 94. | 4.5 | 17 |
| 31 | A COMPACT CONCENTRATION OF LARGE GRAINS IN THE HD 142527 PROTOPLANETARY DUST TRAP. Astrophysical Journal, 2015, 812, 126. | 4.5 | 114 |
| 32 | DUST EVOLUTION CAN PRODUCE SCATTERED LIGHT GAPS IN PROTOPLANETARY DISKS. Astrophysical Journal Letters, 2015, 813, L14. | 8.3 | 70 |
| 33 | ALMA HINTS AT THE PRESENCE OF TWO COMPANIONS IN THE DISK AROUND HD 100546. Astrophysical Journal Letters, 2014, 791, L6. | 8.3 | 114 |
| 34 | A Major Asymmetric Dust Trap in a Transition Disk. Science, 2013, 340, 1199-1202. | 12.6 | 492 |