

Gen Chiaki

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

667
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

614
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Disc fragmentation and oligarchic growth of protostellar systems in low-metallicity gas clouds. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5199-5219. | 4.4 | 13 |
| 2 | Can Population III stars be major origins of both merging binary black holes and extremely metal poor stars?. Publication of the Astronomical Society of Japan, 2022, 74, 521-532. | 2.5 | 5 |
| 3 | H ₂ Cooling and Gravitational Collapse of Supersonically Induced Gas Objects. Astrophysical Journal Letters, 2022, 927, L12. | 8.3 | 6 |
| 4 | Amplification of Turbulence in Contracting Prestellar Cores in Primordial Minihalos. Astrophysical Journal, 2021, 915, 107. | 4.5 | 17 |
| 5 | Seeding the second star â€” II. CEMP star formation enriched from faint supernovae. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3149-3165. | 4.4 | 13 |
| 6 | Formation of massive stars under protostellar radiation feedback: very metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2020, 497, 829-845. | 4.4 | 17 |
| 7 | Seeding the second star: enrichment from population III, dust evolution, and cloud collapse. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3933-3949. | 4.4 | 39 |
| 8 | Metal-poor star formation triggered by the feedback effects from Pop III stars. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4378-4395. | 4.4 | 54 |
| 9 | Blocking metal accretion onto low-mass population III stars by stellar wind. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 10 | Classification of extremely metal-poor stars: absent region in $\log(\text{C}/\text{Fe})$ vs $[\text{Fe}/\text{H}]$ plane and the role of dust cooling. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L115-L119. | 3.3 | 46 |
| 11 | Gravitational collapse and the thermal evolution of low-metallicity gas clouds in the early Universe. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2781-2798. | 4.4 | 42 |
| 12 | ONE HUNDRED FIRST STARS: PROTOSTELLAR EVOLUTION AND THE FINAL MASSES. Astrophysical Journal, 2014, 781, 60. | 4.5 | 415 |