

Gen Chiaki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9670783/publications.pdf>

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	<i>ONE HUNDRED FIRST STARS</i> : PROTOSTELLAR EVOLUTION AND THE FINAL MASSES. <i>Astrophysical Journal</i> , 2014, 781, 60.	4.5	415
2	Metal-poor star formation triggered by the feedback effects from Pop III stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4378-4395.	4.4	54
3	Classification of extremely metal-poor stars: absent region in $A(C) \sim [Fe/H]$ plane and the role of dust cooling. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 472, L115-L119.	3.3	46
4	Gravitational collapse and the thermal evolution of low-metallicity gas clouds in the early Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2781-2798.	4.4	42
5	Seeding the second star: enrichment from population III, dust evolution, and cloud collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3933-3949.	4.4	39
6	Formation of massive stars under protostellar radiation feedback: very metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 829-845.	4.4	17
7	Amplification of Turbulence in Contracting Prestellar Cores in Primordial Minihalos. <i>Astrophysical Journal</i> , 2021, 915, 107.	4.5	17
8	Seeding the second star – II. CEMP star formation enriched from faint supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3149-3165.	4.4	13
9	Disc fragmentation and oligarchic growth of protostellar systems in low-metallicity gas clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5199-5219.	4.4	13
10	H_2 Cooling and Gravitational Collapse of Supersonically Induced Gas Objects. <i>Astrophysical Journal Letters</i> , 2022, 927, L12.	8.3	6
11	Can Population III stars be major origins of both merging binary black holes and extremely metal poor stars?. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 521-532.	2.5	5
12	Blocking metal accretion onto low-mass population III stars by stellar wind. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0