Baitian Tang

List of Publications by Year
in descending order

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26 papers	794 citations	516710 16 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1008 citing authors

#	Article	IF	Citations
1	Individual element sensitivity for stellar evolutionary isochrones. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3198-3207.	4.4	3
2	Searching Extra-tidal Features around the Globular Cluster Whiting 1. Astrophysical Journal, 2022, 930, 23.	4.5	1
3	Multiple Stellar Populations at Less-evolved Stages: Detection of Chemical Variations among Main-sequence Dwarfs in NGC 1978. Astrophysical Journal, 2021, 906, 133.	4.5	9
4	Multiple Populations in Low-mass Globular Clusters: Palomar 13. Astrophysical Journal, 2021, 908, 220.	4.5	4
5	APOGEE discovery of a chemically atypical star disrupted from NGC 6723 and captured by the Milky Way bulge. Astronomy and Astrophysics, 2021, 647, A64.	5.1	20
6	Chemical Tagging N-rich Field Stars with High-resolution Spectroscopy. Astrophysical Journal, 2021, 913, 23.	4.5	3
7	APOGEE-2S Discovery of Light- and Heavy-element Abundance Correlations in the Bulge Globular Cluster NGC 6380. Astrophysical Journal Letters, 2021, 918, L9.	8.3	9
8	Central velocity dispersion catalogue of LAMOST-DR7 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5704-5719.	4.4	10
9	On the Chemical and Kinematic Consistency between N-rich Metal-poor Field Stars and Enriched Populations in Globular Clusters. Astrophysical Journal, 2020, 891, 28.	4.5	14
10	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code â€“ II. The Southern clusters and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1641-1670.	4.4	103
11	Aluminium-enriched metal-poor stars buried in the inner Galaxy. Astronomy and Astrophysics, 2020, 643, L4.	5.1	30
12	The enigmatic globular cluster UKS 1 obscured by the bulge: H-band discovery of nitrogen-enhanced stars. Astronomy and Astrophysics, 2020, 643, A145.	5.1	22
13	When Does the Onset of Multiple Stellar Populations in Star Clusters Occur? III. No Evidence of Significant Chemical Variations in Main-sequence Stars of NGC 419. Astrophysical Journal, 2020, 893, 17.	4.5	14
14	Discovery of a New Stellar Subpopulation Residing in the (Inner) Stellar Halo of the Milky Way. Astrophysical Journal Letters, 2019, 886, L8.	8.3	28
15	Chemodynamics of newly identified giants with a globular cluster like abundance patterns in the bulge, disc, and halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2864-2880.	4.4	38
16	Chemical and Kinematic Analysis of CN-strong Metal-poor Field Stars in LAMOST DR3. Astrophysical Journal, 2019, 871, 58.	4.5	23
17	Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star. Astronomy and Astrophysics, 2019, 631, A97.	5.1	18
18	Disentangling the Galactic Halo with APOGEE. II. Chemical and Star Formation Histories for the Two Distinct Populations. Astrophysical Journal, 2018, 852, 50.	4.5	53

#	Article	IF	Citations
19	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. Astrophysical Journal, 2018, 852, 49.	4.5	123
20	The Metal-poor non-Sagittarius (?) Globular Cluster NGC 5053: Orbit and Mg, Al, and Si Abundances. Astrophysical Journal, 2018, 855, 38.	4.5	24
21	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High-Î± Chemistry as Seen by APOGEE. Astrophysical Journal, 2017, 842, 49.	4.5	22
22	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. Astrophysical Journal, 2017, 845, 162.	4.5	68
23	Chemical Abundances and Ages of the Bulge Stars in APOGEE High-velocity Peaks. Astrophysical Journal, 2017, 847, 74.	4.5	7
24	APOGEE chemical abundances of globular cluster giants in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1010-1018.	4.4	71
25	Two groups of red giants with distinct chemical abundances in the bulge globular cluster NGC 6553 through the eyes of APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 465, 19-31.	4.4	39
26	EVIDENCE OF AGB POLLUTION IN GALACTIC GLOBULAR CLUSTERS FROM THE Mgâ€“Al ANTICORRELATIONS OBSERVED BY THE APOGEE SURVEY. Astrophysical Journal Letters, 2016, 831, L17.	8.3	38