

Shu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

803
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1050
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | The Optical to Mid-infrared Extinction Law Based on the APOGEE, Gaia DR2, Pan-STARRS1, SDSS, APASS, 2MASS, and WISE Surveys. <i>Astrophysical Journal</i> , 2019, 877, 116. | 4.5 | 254 |
| 2 | The Zwicky Transient Facility Catalog of Periodic Variable Stars. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 18. | 7.7 | 124 |
| 3 | A PRECISE DETERMINATION OF THE MID-INFRARED INTERSTELLAR EXTINCTION LAW BASED ON THE APOGEE SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 23. | 7.7 | 72 |
| 4 | Wide-field Infrared Survey Explorer (WISE) Catalog of Periodic Variable Stars. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 28. | 7.7 | 70 |
| 5 | VERY LARGE INTERSTELLAR GRAINS AS EVIDENCED BY THE MID-INFRARED EXTINCTION. <i>Astrophysical Journal</i> , 2015, 811, 38. | 4.5 | 52 |
| 6 | THE MID-INFRARED EXTINCTION LAW AND ITS VARIATION IN THE COALSACK NEBULA. <i>Astrophysical Journal</i> , 2013, 773, 30. | 4.5 | 40 |
| 7 | The interstellar oxygen crisis, or where have all the oxygen atoms gone?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 569-575. | 4.4 | 35 |
| 8 | Modeling the infrared interstellar extinction. <i>Planetary and Space Science</i> , 2014, 100, 32-39. | 1.7 | 31 |
| 9 | The Near-infrared Optimal Distances Method Applied to Galactic Classical Cepheids Tightly Constrains Mid-infrared Period-Luminosity Relations. <i>Astrophysical Journal</i> , 2018, 852, 78. | 4.5 | 30 |
| 10 | Optical-Mid-infrared Period-Luminosity Relations for W UMa-type Contact Binaries Based on Gaia DR 1: 8% Distance Accuracy. <i>Astrophysical Journal</i> , 2018, 859, 140. | 4.5 | 27 |
| 11 | An Extremely Low Mid-infrared Extinction Law toward the Galactic Center and 4% Distance Precision to 55 Classical Cepheids. <i>Astrophysical Journal</i> , 2018, 859, 137. | 4.5 | 24 |
| 12 | The Optical-Mid-infrared Extinction Law of the $l \approx 165^\circ$ Sightline in the Galactic Plane: Diversity of the Extinction Law in the Diffuse Interstellar Medium. <i>Astrophysical Journal</i> , 2017, 848, 106. | 4.5 | 19 |
| 13 | Distances to the supernova remnants in the inner disk. <i>Astronomy and Astrophysics</i> , 2020, 639, A72. | 5.1 | 16 |
| 14 | Physical Properties of 29 sdB+dM Eclipsing Binaries in Zwicky Transient Facility. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 035022. | 1.7 | 6 |
| 15 | 3D Parameter Maps of Red Clump Stars in the Milky Way: Absolute Magnitudes and Intrinsic Colors. <i>Astrophysical Journal</i> , 2021, 923, 145. | 4.5 | 3 |
| 16 | Dependence of Pulsation Mode of Cepheids on Metallicity. <i>Astrophysical Journal</i> , 2022, 928, 139. | 4.5 | 0 |