

Devin S Chu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8983832/publications.pdf>

Version: 2024-02-01

9
papers

438
citations

1477746

6
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	Relativistic redshift of the star S0-2 orbiting the Galactic Center supermassive black hole. <i>Science</i> , 2019, 365, 664-668.	6.0	270
2	Investigating the Binarity of S0-2: Implications for Its Origins and Robustness as a Probe of the Laws of Gravity around a Supermassive Black Hole. <i>Astrophysical Journal</i> , 2018, 854, 12.	1.6	48
3	A population of dust-enshrouded objects orbiting the Galactic black hole. <i>Nature</i> , 2020, 577, 337-340.	13.7	44
4	Improving Orbit Estimates for Incomplete Orbits with a New Approach to Priors: with Applications from Black Holes to Planets. <i>Astronomical Journal</i> , 2019, 158, 4.	1.9	22
5	Characterizing and Improving the Data Reduction Pipeline for the Keck OSIRIS Integral Field Spectrograph. <i>Astronomical Journal</i> , 2019, 157, 75.	1.9	21
6	On Socially Distant Neighbors: Using Binaries to Constrain the Density of Objects in the Galactic Center. <i>Astrophysical Journal</i> , 2020, 904, 113.	1.6	18
7	Measuring the α -abundance of Subsolar-metallicity Stars in the Milky Way's Central Half-parsec: Testing Globular Cluster and Dwarf Galaxy Infall Scenarios. <i>Astrophysical Journal</i> , 2022, 925, 77.	1.6	6
8	Upper Limit on Brackett- γ Emission from the Immediate Accretion Flow onto the Galactic Black Hole. <i>Astrophysical Journal</i> , 2021, 910, 143.	1.6	3
9	Using Non-negative Matrix Factorization to Improve Calibration of the Keck OSIRIS Integral Field Spectrograph. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 064504.	1.0	1