

# Zhuo Chen

## List of Publications by Year in descending order

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1163117

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251  
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#	ARTICLE	IF	CITATIONS
1	Planetary Accretion Shocks with a Realistic Equation of State. <i>Astrophysical Journal Letters</i> , 2022, 925, L14.	8.3	2
2	Bipolar planetary nebulae from outflow collimation by common envelope evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2855-2869.	4.4	36
3	A 3D Radiation Hydrodynamic AGB Binary Model. <i>Astrophysical Journal</i> , 2020, 892, 110.	4.5	24
4	Hydrodynamic simulations of disrupted planetary accretion discs inside the core of an AGB star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1179-1185.	4.4	10
5	Solving the Riemann problem for realistic astrophysical fluids. <i>Journal of Computational Physics</i> , 2019, 388, 490-517.	3.8	6
6	Wind-accelerated orbital evolution in binary systems with giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 747-756.	4.4	24
7	Accretion in common envelope evolution. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 235-238.	0.0	0
8	Planetary Nebulae Shaped by Common Envelope Evolution. <i>Galaxies</i> , 2018, 6, 113.	3.0	23
9	Accretion in common envelope evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1898-1911.	4.4	90
10	Mass transfer and disc formation in AGB binary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4465-4477.	4.4	67
11	Mass transfer in asymptotic-giant-branch binary systems. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 367-368.	0.0	1
12	Three-dimensional hydrodynamic simulations of $L^2$ Puppis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4182-4187.	4.4	19
13	The creation of AGB fallback shells. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3219-3224.	4.4	4