

# Michael Florian

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

509  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

898  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE PHYSICAL CONDITIONS, METALLICITY AND METAL ABUNDANCE RATIOS IN A HIGHLY MAGNIFIED GALAXY AT $z = 3.6252$ . <i>Astrophysical Journal</i> , 2014, 790, 144.	4.5	85
2	Star Formation at $z = 2.481$ in the Lensed Galaxy SDSS J1110+6459: Star Formation Down to 30 pc Scales. <i>Astrophysical Journal Letters</i> , 2017, 843, L21.	8.3	66
3	A highly magnified star at redshift 6.2. <i>Nature</i> , 2022, 603, 815-818.	27.8	53
4	Strong Lens Models for 37 Clusters of Galaxies from the SDSS Giant Arcs Survey*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 12.	7.7	45
5	Anatomy of a Cooling Flow: The Feedback Response to Pure Cooling in the Core of the Phoenix Cluster. <i>Astrophysical Journal</i> , 2019, 885, 63.	4.5	42
6	Star Formation at $z = 2.481$ in the Lensed Galaxy SDSS J1110+6459. II. What is Missed at the Normal Resolution of the Hubble Space Telescope?. <i>Astrophysical Journal</i> , 2017, 843, 79.	4.5	30
7	Star Formation at $z = 2.481$ in the Lensed Galaxy SDSS J1110+6459. I. Lens Modeling and Source Reconstruction. <i>Astrophysical Journal</i> , 2017, 843, 78.	4.5	28
8	LENS MODEL AND TIME DELAY PREDICTIONS FOR THE SEXTUPLY LENSED QUASAR SDSS J2222+2745*. <i>Astrophysical Journal</i> , 2017, 835, 5.	4.5	26
9	PICS: SIMULATIONS OF STRONG GRAVITATIONAL LENSING IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2016, 828, 54.	4.5	22
10	Telltale signs of metal recycling in the circumgalactic medium of a $z \approx 0.77$ galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 663-679.	4.4	20
11	COOL-LAMPS. I. An Extraordinarily Bright Lensed Galaxy at Redshift 5.04*. <i>Astrophysical Journal</i> , 2021, 906, 107.	4.5	13
12	A 30 kpc CHAIN OF $\alpha$ BEADS ON A STRING—STAR FORMATION BETWEEN TWO MERGING EARLY TYPE GALAXIES IN THE CORE OF A STRONG-LENSING GALAXY CLUSTER. <i>Astrophysical Journal Letters</i> , 2014, 790, L26.	8.3	12
13	A Comparison of Rest-frame Ultraviolet and Optical Emission-line Diagnostics in the Lensed Galaxy SDSS J1723+3411 at Redshift $z = 1.3293$ . <i>Astrophysical Journal</i> , 2021, 908, 154.	4.5	12
14	Spatially Resolved Outflows in a Seyfert Galaxy at $z = 2.39$ . <i>Astrophysical Journal</i> , 2019, 875, 102.	4.5	11
15	Spatially Resolved Patchy Ly $\alpha$ Emission within the Central Kiloparsec of a Strongly Lensed Quasar Host Galaxy at $z = 2.8$ . <i>Astrophysical Journal Letters</i> , 2017, 845, L14.	8.3	10
16	The Importance of Secondary Halos for Strong Lensing in Massive Galaxy Clusters across Redshift. <i>Astrophysical Journal</i> , 2019, 878, 122.	4.5	8
17	Rest-frame UV and optical emission line diagnostics of ionized gas properties: a test case in a star-forming knot of a lensed galaxy at $z \approx 1.7$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5862-5886.	4.4	8
18	Spatial Variation in Strong Line Ratios and Physical Conditions in Two Strongly Lensed Galaxies at $z \approx 1.4$ . <i>Astrophysical Journal</i> , 2021, 916, 50.	4.5	8

#	ARTICLE	IF	CITATIONS
19	THE GINI COEFFICIENT AS A MORPHOLOGICAL MEASUREMENT OF STRONGLY LENSED GALAXIES IN THE IMAGE PLANE. <i>Astrophysical Journal</i> , 2016, 832, 168.	4.5	7
20	Lens Model and Source Reconstruction Reveal the Morphology and Star Formation Distribution in the Cool Spiral LIRC SGAS J143845.1+145407. <i>Astrophysical Journal</i> , 2019, 875, 18.	4.5	3