

Andreas A C Sander

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,916
citations

257450

24
h-index

265206

42
g-index

58
all docs

58
docs citations

58
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	The earliest O-type eclipsing binary in the Small Magellanic Cloud, AzV 476: A comprehensive analysis reveals surprisingly low stellar masses. <i>Astronomy and Astrophysics</i> , 2022, 659, A9.	5.1	4
2	Mass-loss implementation and temperature evolution of very massive stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3736-3753.	4.4	14
3	The First Dynamical Mass Determination of a Nitrogen-rich Wolf-Rayet Star Using a Combined Visual and Spectroscopic Orbit. <i>Astrophysical Journal Letters</i> , 2021, 908, L3.	8.3	8
4	Conditions in the WR 140 wind-collision region revealed by the 1.083- μm He I line profile. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 643-659.	4.4	6
5	Metallicity-dependent wind parameter predictions for OB stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2051-2061.	4.4	46
6	Wind-envelope interaction as the origin of the slow cyclic brightness variations of luminous blue variables. <i>Astronomy and Astrophysics</i> , 2021, 647, A99.	5.1	25
7	Maximum black hole mass across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 146-154.	4.4	71
8	Evolution of Wolf-Rayet stars as black hole progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4874-4889.	4.4	20
9	Superadiabaticity and the metallicity independence of the Humphreys-Davidson limit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4473-4487.	4.4	13
10	Revisiting the archetypical wind accretor Vela X-1 in depth. <i>Astronomy and Astrophysics</i> , 2021, 652, A95.	5.1	21
11	A meeting at $z \sim 3$: Young massive galaxies and an AGN within 30 kpc of the luminous QSO LBQS 0302-0019. <i>Astronomy and Astrophysics</i> , 2021, 653, A122.	5.1	3
12	On the nature of massive helium star winds and Wolf-Rayet-type mass-loss. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 873-892.	4.4	74
13	The stellar and wind parameters of six prototypical HMXBs and their evolutionary status. <i>Astronomy and Astrophysics</i> , 2020, 634, A49.	5.1	23
14	Why binary interaction does not necessarily dominate the formation of Wolf-Rayet stars at low metallicity. <i>Astronomy and Astrophysics</i> , 2020, 634, A79.	5.1	65
15	Properties of OB star-black hole systems derived from detailed binary evolution models. <i>Astronomy and Astrophysics</i> , 2020, 638, A39.	5.1	65
16	Optical and Infrared Study of the Obscured B[e] Supergiant High-mass X-Ray Binary IGR J16318-4848*. <i>Astrophysical Journal</i> , 2020, 894, 86.	4.5	8
17	The Galactic WN stars revisited. <i>Astronomy and Astrophysics</i> , 2019, 625, A57.	5.1	77
18	Testing massive star evolution, star formation history, and feedback at low metallicity. <i>Astronomy and Astrophysics</i> , 2019, 625, A104.	5.1	68

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19	The Wolf-Rayet binaries of the nitrogen sequence in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2019, 627, A151.	5.1	58
20	The Galactic WC and WO stars. <i>Astronomy and Astrophysics</i> , 2019, 621, A92.	5.1	73
21	PoWR grids of non-LTE model atmospheres for OB-type stars of various metallicities. <i>Astronomy and Astrophysics</i> , 2019, 621, A85.	5.1	47
22	The extreme O-type spectroscopic binary HD 93129A. <i>Astronomy and Astrophysics</i> , 2019, 621, A63.	5.1	7
23	Formation of wind-captured disks in supergiant X-ray binaries. <i>Astronomy and Astrophysics</i> , 2019, 622, A189.	5.1	40
24	Low-metallicity massive single stars with rotation. <i>Astronomy and Astrophysics</i> , 2019, 623, A8.	5.1	17
25	Clumpy wind accretion in Supergiant X-ray Binaries. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 34-39.	0.0	1
26	Spectroscopy of complete populations of Wolf-Rayet binaries in the Magellanic Clouds. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 307-315.	0.0	1
27	Observational properties of massive black hole binary progenitors. <i>Astronomy and Astrophysics</i> , 2018, 609, A94.	5.1	18
28	The shortest-period Wolf-Rayet binary in the Small Magellanic Cloud: Part of a high-order multiple system. <i>Astronomy and Astrophysics</i> , 2018, 616, A103.	5.1	14
29	On the Apparent Absence of Wolf-Rayet+Neutron Star Systems: The Curious Case of WR124. <i>Astrophysical Journal Letters</i> , 2018, 869, L11.	8.3	15
30	Stellar population of the superbubble N 206 in the LMC. <i>Astronomy and Astrophysics</i> , 2018, 609, A7.	5.1	15
31	Stellar population of the superbubble N 206 in the LMC. <i>Astronomy and Astrophysics</i> , 2018, 615, A40.	5.1	34
32	Coupling hydrodynamics with comoving frame radiative transfer. <i>Astronomy and Astrophysics</i> , 2018, 610, A60.	5.1	37
33	Massive star winds and HMXB donors. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 17-27.	0.0	2
34	Coupling hydrodynamics with comoving frame radiative transfer. <i>Astronomy and Astrophysics</i> , 2017, 603, A86.	5.1	57
35	On the Binary Nature of Massive Blue Hypergiants: High-resolution X-Ray Spectroscopy Suggests That Cyg OB2 12 is a Colliding Wind Binary. <i>Astrophysical Journal</i> , 2017, 845, 39.	4.5	13
36	Towards a Unified View of Inhomogeneous Stellar Winds in Isolated Supergiant Stars and Supergiant High Mass X-Ray Binaries. <i>Space Science Reviews</i> , 2017, 212, 59-150.	8.1	86

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37	The clumpy absorber in the high-mass X-ray binary Vela X-1. <i>Astronomy and Astrophysics</i> , 2017, 608, A143.	5.1	34
38	A combined HST and XMM-Newton campaign for the magnetic O9.7 V star HD 54879. <i>Astronomy and Astrophysics</i> , 2017, 606, A91.	5.1	25
39	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2017, 598, A85.	5.1	37
40	Analysis of the WN star WR 102c, its WR nebula, and the associated cluster of massive stars in the Sickle Nebula. <i>Astronomy and Astrophysics</i> , 2016, 588, A9.	5.1	6
41	Wolf-Rayet stars in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2016, 591, A22.	5.1	63
42	Measuring the stellar wind parameters in IGR J17544-2619 and Vela X-1 constrains the accretion physics in supergiant fast X-ray transient and classical supergiant X-ray binaries. <i>Astronomy and Astrophysics</i> , 2016, 591, A26.	5.1	45
43	The formation of Wolf-Rayet stars in the SMC is not dominated by mass transfer. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 445-445.	0.0	0
44	The metallicity dependence of WR winds. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 171-175.	0.0	1
45	Stellar Winds in Massive X-ray Binaries. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 355-358.	0.0	0
46	Recent advances in non-LTE stellar atmosphere models. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 215-222.	0.0	1
47	Massive stars in advanced evolutionary stages, and the progenitor of GW150914. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 223-227.	0.0	1
48	On the consistent treatment of the quasi-hydrostatic layers in hot star atmospheres. <i>Astronomy and Astrophysics</i> , 2015, 577, A13.	5.1	103
49	The donor star of the X-ray pulsar X1908+075. <i>Astronomy and Astrophysics</i> , 2015, 578, A107.	5.1	11
50	Wolf-Rayet stars in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2015, 581, A21.	5.1	74
51	Potsdam Wolf-Rayet model atmosphere grids for WN stars. <i>Astronomy and Astrophysics</i> , 2015, 579, A75.	5.1	68
52	Discovery of a new Wolf-Rayet star and a candidate star cluster in the Large Magellanic Cloud with Spitzer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 929-945.	4.4	10
53	The rapid evolution of the exciting star of the Stingray nebula. <i>Astronomy and Astrophysics</i> , 2014, 565, A40.	5.1	23
54	The Wolf-Rayet stars in M 31. <i>Astronomy and Astrophysics</i> , 2014, 563, A89.	5.1	21

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55	One of the most massive stars in the Galaxy may have formed in isolation. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3357-3365.	4.4	23
56	Very Massive Stars in the local Universe. Proceedings of the International Astronomical Union, 2012, 10, 51-79.	0.0	17
57	The Galactic WC stars. Astronomy and Astrophysics, 2012, 540, A144.	5.1	164
58	Driving classical Wolf-Rayet winds: A $\hat{\Gamma}$ - and Z-dependent mass-loss. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	43