

Augusto Damineli Neto

List of Publications by Year in descending order

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79
papers

2,899
citations

147801

31
h-index

168389

53
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79
all docs

79
docs citations

79
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	The 5.52 Year Cycle of Eta Carinae. <i>Astrophysical Journal</i> , 1996, 460, .	4.5	220
2	Eta Carinae: a long period binary?. <i>New Astronomy</i> , 1997, 2, 107-117.	1.8	157
3	Î Carinae: Binariness Confirmed. <i>Astrophysical Journal</i> , 2000, 528, L101-L104.	4.5	124
4	ON THE NATURE OF THE PROTOTYPE LUMINOUS BLUE VARIABLE AG CARINAE. I. FUNDAMENTAL PARAMETERS DURING VISUAL MINIMUM PHASES AND CHANGES IN THE BOLOMETRIC LUMINOSITY DURING THE S-DOR CYCLE. <i>Astrophysical Journal</i> , 2009, 698, 1698-1720.	4.5	116
5	The periodicity of the Î Carinae events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1649-1656.	4.4	108
6	Recurrent X-ray Emission Variations of Î Carinae and the Binary Hypothesis. <i>Astrophysical Journal</i> , 1999, 524, 983-987.	4.5	107
7	The Tarantula Massive Binary Monitoring. <i>Astronomy and Astrophysics</i> , 2017, 598, A84.	5.1	95
8	The Stellar Content of Obscured Galactic Giant H [CSC]ii[/CSC] Regions. I. W43. <i>Astronomical Journal</i> , 1999, 117, 1392-1401.	4.7	89
9	The UV Scattering Halo of the Central Source Associated with Î Carinae. <i>Astrophysical Journal</i> , 2006, 642, 1098-1116.	4.5	84
10	The Stellar Content of Obscured Galactic Giant H [CSC]ii[/CSC] Regions. III. W31. <i>Astronomical Journal</i> , 2001, 121, 3149-3159.	4.7	74
11	The Stellar Content of Obscured Galactic Giant H [CSC]ii[/CSC] Regions. II. W42. <i>Astronomical Journal</i> , 2000, 119, 1860-1871.	4.7	70
12	X-ray Spectral Variation of Î Carinae through the 2003 X-ray Minimum. <i>Astrophysical Journal</i> , 2007, 663, 522-542.	4.5	69
13	A multispectral view of the periodic events in Î Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2330-2344.	4.4	65
14	BONA FIDE, STRONG-VARIABLE GALACTIC LUMINOUS BLUE VARIABLE STARS ARE FAST ROTATORS: DETECTION OF A HIGH ROTATIONAL VELOCITY IN HR CARINAE. <i>Astrophysical Journal</i> , 2009, 705, L25-L30.	4.5	64
15	Spectrophotometric distances to Galactic H&fii regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 705-760.	4.4	61
16	Kinematics and Ultraviolet to Infrared Morphology of the Inner Homunculus of Î Carinae. <i>Astrophysical Journal</i> , 2004, 605, 405-424.	4.5	61
17	Detection of He ii Î»4686 in Î Carinae. <i>Astrophysical Journal</i> , 2004, 612, L133-L136.	4.5	56
18	A Change in the Physical State of Î Carinae?. <i>Astronomical Journal</i> , 2005, 129, 900-906.	4.7	56

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19	Geometry and physical conditions in the stellar wind of AG Carinae. <i>Astrophysical Journal</i> , 1994, 428, 292.	4.5	56
20	Accretion Signatures from Massive Young Stellar Objects. <i>Astrophysical Journal</i> , 2004, 617, 1167-1176.	4.5	50
21	Long-term spectroscopy of $\hat{\iota}$ Carinae. <i>Astronomy and Astrophysics</i> , 1998, 133, 299-316.	2.1	49
22	DISCOVERY OF THE MASSIVE OVERCONTACT BINARY VFTS 352: EVIDENCE FOR ENHANCED INTERNAL MIXING. <i>Astrophysical Journal</i> , 2015, 812, 102.	4.5	47
23	AG Carinae: A Luminous Blue Variable with a High Rotational Velocity. <i>Astrophysical Journal</i> , 2006, 638, L33-L36.	4.5	44
24	He II λ 4686 EMISSION FROM THE MASSIVE BINARY SYSTEM IN $\hat{\iota}$ CAR: CONSTRAINTS TO THE ORBITAL ELEMENTS AND THE NATURE OF THE PERIODIC MINIMA* $\hat{\iota}$ Car. <i>Astrophysical Journal</i> , 2016, 819, 131.	4.5	42
25	The Chandra HETGS X-ray Grating Spectrum of $\hat{\iota}$ Carinae. <i>Astrophysical Journal</i> , 2001, 562, 1031-1037.	4.5	41
26	The Stellar Content of Obscured Galactic Giant H [CSC]ii/[CSC] Regions. IV. NGC 3576. <i>Astronomical Journal</i> , 2002, 124, 2739-2748.	4.7	41
27	Spectral atlas of massive stars around $\hat{\iota}$ Carinae. <i>Astronomy and Astrophysics</i> , 2007, 465, 993-1002.	5.1	40
28	Extinction law in the range 0.4–4.8 μ m and the 8620 Å DIB towards the stellar cluster Westerlund 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2653-2666.	4.4	37
29	Waiting in the Wings: Reflected X-ray Emission from the Homunculus Nebula. <i>Astrophysical Journal</i> , 2004, 613, 381-386.	4.5	32
30	Results from a near infrared search for emission-line stars in the Inner Galaxy: Spectra of new Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2003, 408, 153-159.	5.1	31
31	ON THE NATURE OF THE PROTOTYPE LUMINOUS BLUE VARIABLE AG CARINAE. II. WITNESSING A MASSIVE STAR EVOLVING CLOSE TO THE EDDINGTON AND BISTABILITY LIMITS. <i>Astrophysical Journal</i> , 2011, 736, 46.	4.5	31
32	He II λ 4686 IN $\hat{\iota}$ CARINAE: COLLAPSE OF THE WIND-WIND COLLISION REGION DURING PERIASTRON PASSAGE. <i>Astrophysical Journal</i> , 2012, 746, 73.	4.5	31
33	The ASCA X-ray Spectrum of $\hat{\iota}$ Carinae. <i>Astrophysical Journal</i> , 1998, 494, 381-395.	4.5	30
34	The 2014 X-Ray Minimum of $\hat{\iota}$ Carinae as Seen by Swift. <i>Astrophysical Journal</i> , 2017, 838, 45.	4.5	30
35	A Rich Population of X-Ray-emitting Wolf-Rayet Stars in the Galactic Starburst Cluster Westerlund 1. <i>Astrophysical Journal</i> , 2006, 639, L35-L38.	4.5	29
36	Detection of high-velocity material from the wind-wind collision zone of Eta Carinae across the 2009.0 periastron passage. <i>Astronomy and Astrophysics</i> , 2010, 517, A9.	5.1	29

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37	X-RAY EMISSION FROM ETA CARINAE NEAR PERIASTRON IN 2009. I. A TWO-STATE SOLUTION. <i>Astrophysical Journal</i> , 2014, 784, 125.	4.5	29
38	A survey of extended H2 emission from massive YSOs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4364-4398.	4.4	27
39	The fossil wind structures of Eta Carinae: changes across one 5.54-yr cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3196-3220.	4.4	27
40	Near-infrared integral field spectroscopy of the Homunculus nebula around $\hat{\iota}$ -Carinae using Gemini/ircpass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 564-576.	4.4	26
41	THE STELLAR CONTENT OF OBSCURED GALACTIC GIANT H II REGIONS. VI. W51A. <i>Astronomical Journal</i> , 2008, 136, 221-233.	4.7	26
42	The three-dimensional structure of the Eta Carinae Homunculus... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3316-3328.	4.4	25
43	Oxygen Abundance in the Template Halo Giant HD 122563. <i>Astrophysical Journal</i> , 2003, 588, 1072-1081.	4.5	22
44	VLT-AMBER velocity-resolved aperture-synthesis imaging of $\hat{\iota}$ -Carinae with a spectral resolution of 12%. <i>Astronomy and Astrophysics</i> , 2016, 594, A106.	5.1	22
45	A VLT/FLAMES survey for massive binaries in Westerlund 1. <i>Astronomy and Astrophysics</i> , 2011, 531, A28.	5.1	22
46	High Spatial Resolution Spectroscopy of W51 IRS 2E and IRS 2W: Two Very Massive Young Stars in Early Formation Stages. <i>Astrophysical Journal</i> , 2008, 678, L55-L58.	4.5	21
47	Gemini Mid-Infrared Imaging of Massive Young Stellar Objects in NGC 3576. <i>Astronomical Journal</i> , 2003, 126, 2411-2420.	4.7	20
48	To ν and beyond! The He I absorption variability across the 2014.6 periastron passage of $\hat{\iota}$ -Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2540-2558.	4.4	20
49	Distinguishing circumstellar from stellar photometric variability in Eta Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1325-1346.	4.4	19
50	The Stellar Content of Obscured Galactic Giant H II Regions. V. G333.1-0.4. <i>Astronomical Journal</i> , 2005, 129, 1523-1533.	4.7	18
51	CHANDRA AND SPITZER IMAGING OF THE INFRARED CLUSTER IN NGC 2071. <i>Astrophysical Journal</i> , 2009, 701, 710-724.	4.5	18
52	Two Micron Narrowband Imaging of the Sagittarius D H II Region. <i>Astrophysical Journal</i> , 1999, 512, 237-246.	4.5	17
53	Gaia-DR2 distance to the W3 Complex in the Perseus Arm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2771-2784.	4.4	17
54	Time variations of the narrow Fe II and H I spectral emission lines from the close vicinity of $\hat{\iota}$ -Carinae during the spectral event of 2003. <i>Astronomy and Astrophysics</i> , 2005, 436, 945-952.	5.1	16

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55	BeppoSAX broad X-ray range observations of η -Carinae during high and low spectroscopic states. <i>Astronomy and Astrophysics</i> , 2002, 385, 874-883.	5.1	16
56	Infrared excess and line emission in Be stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1982, 198, 659-668.	4.4	14
57	Detection of additional Wolf-Rayet stars in the starburst cluster Westerlund 1 with SOAR. <i>Astronomy and Astrophysics</i> , 2006, 457, 591-594.	5.1	14
58	THE STELLAR CONTENT OF OBSCURED GALACTIC GIANT H II REGIONS. VII. W3. <i>Astronomical Journal</i> , 2011, 142, 67.	4.7	13
59	BRITE-Constellation reveals evidence for pulsations in the enigmatic binary η -Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5417-5423.	4.4	11
60	A near-infrared survey for Galactic Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2003, 397, 585-594.	5.1	10
61	CO, Water, and Tentative Methanol in η -Carinae Approaching Periastron. <i>Astrophysical Journal Letters</i> , 2020, 892, L23.	8.3	9
62	Spectroscopic signatures of the vanishing natural coronagraph of Eta Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 963-978.	4.4	9
63	HS 2231+2441: an HW Vir system composed of a low-mass white dwarf and a brown dwarf.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3093-3100.	4.4	8
64	A MID-INFRARED VIEW OF THE HIGH MASS STAR FORMATION REGION W51A. <i>Astrophysical Journal</i> , 2016, 825, 54.	4.5	7
65	ATLASGAL-selected massive clumps in the inner Galaxy. <i>Astronomy and Astrophysics</i> , 2019, 622, A135.	5.1	6
66	NICER X-Ray Observations of Eta Carinae during Its Most Recent Periastron Passage. <i>Astrophysical Journal</i> , 2022, 933, 136.	4.5	5
67	Transient jets in V617 Sagittarii. <i>Astronomy and Astrophysics</i> , 2007, 471, L25-L27.	5.1	4
68	Eta Carinae: A Tale of Two Periastron Passages. <i>Astrophysical Journal</i> , 2021, 923, 102.	4.5	4
69	Eta Carinae: An Evolving View of the Central Binary, Its Interacting Winds and Its Foreground Ejecta. <i>Astrophysical Journal</i> , 2022, 933, 175.	4.5	4
70	BeppoSAX observations of eta carinae: A multicolour study of its recent low and high states. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 69, 36-39.	0.4	3
71	NIR studies of galactic giant HII regions. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 407-412.	0.0	2
72	Maser effects in the recombination lines of Eta Carinae. <i>Symposium - International Astronomical Union</i> , 2002, 206, 234-238.	0.1	1

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73	Long-Term Spectroscopic Variability of $\hat{\Gamma}$ -Carinae. Globular Clusters - Guides To Galaxies, 1998, , 112-112.	0.1	1
74	Preface - SpS8 - The Galactic Plane. Proceedings of the International Astronomical Union, 2009, 5, 777-777.	0.0	0
75	JD13 $\hat{\Gamma}$ -Eta Carinae in the Context of the Most Massive Stars. Proceedings of the International Astronomical Union, 2009, 5, 373-398.	0.0	0
76	$\hat{\Gamma}$ -Carinae long-term variability. Proceedings of the International Astronomical Union, 2010, 6, 604-605.	0.0	0
77	Accretion Signatures on Massive Young Stellar Objects. Proceedings of the International Astronomical Union, 2014, 9, 431-436.	0.0	0
78	4-D Imaging and Modeling of Eta Carinae's Inner Fossil Wind Structures. Proceedings of the International Astronomical Union, 2016, 12, 420-420.	0.0	0
79	The Stellar Content of Obscured Galactic Giant HII Regions. Springer Proceedings in Physics, 2001, , 45-50.	0.2	0