

Allen Shafter

List of Publications by Year in descending order

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92
papers

2,322
citations

218677

26
h-index

243625

44
g-index

93
all docs

93
docs citations

93
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	Radial velocity studies of cataclysmic binaries. I - KR Aurigae. <i>Astrophysical Journal</i> , 1983, 267, 222.	4.5	119
2	On the Nova Rate in the Galaxy. <i>Astrophysical Journal</i> , 1997, 487, 226-236.	4.5	115
3	X-ray and optical observations of the ultrashort period dwarf nova SW Ursae Majoris - A likely new DQ Herculis star. <i>Astrophysical Journal</i> , 1986, 308, 765.	4.5	103
4	On the outburst recurrence time for the accretion disk limit cycle mechanism in dwarf novae. <i>Astrophysical Journal</i> , 1988, 333, 227.	4.5	94
5	The spatial distribution and population of novae in M31. <i>Astrophysical Journal</i> , 1987, 318, 520.	4.5	91
6	An Upper Limit to the Space Density of Short-period Noninteracting Binary White Dwarfs. <i>Astrophysical Journal</i> , 1987, 322, 296.	4.5	75
7	On the Spatial Distribution, Stellar Population, and Rate of Novae in M31. <i>Astrophysical Journal</i> , 2001, 563, 749-767.	4.5	71
8	THE GALACTIC NOVA RATE REVISITED. <i>Astrophysical Journal</i> , 2017, 834, 196.	4.5	70
9	EXQUISITE NOVA LIGHT CURVES FROM THE SOLAR MASS EJECTION IMAGER (SMEI). <i>Astrophysical Journal</i> , 2010, 724, 480-486.	4.5	67
10	The role of the dwarf nova period distribution in understanding the evolution of cataclysmic variables. <i>Astrophysical Journal</i> , 1992, 394, 268.	4.5	53
11	A SPECTROSCOPIC AND PHOTOMETRIC SURVEY OF NOVAE IN M31. <i>Astrophysical Journal</i> , 2011, 734, 12.	4.5	51
12	A remarkable recurrent nova in M31: The optical observations. <i>Astronomy and Astrophysics</i> , 2014, 563, L9.	5.1	50
13	M31N 2008-12a – THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. <i>Astrophysical Journal</i> , 2016, 833, 149.	4.5	50
14	Superhumps in VY Aquarii. <i>Publications of the Astronomical Society of the Pacific</i> , 1993, 105, 69.	3.1	49
15	Radial velocity studies of cataclysmic binaries. II - The ultrashort period dwarf nova T Leonis. <i>Astrophysical Journal</i> , 1984, 276, 305.	4.5	48
16	Mass transfer in cataclysmic variables - Clues from the dwarf nova period distribution. <i>Astrophysical Journal</i> , 1986, 305, 261.	4.5	47
17	TT ARIETIS - The low state. <i>Astrophysical Journal</i> , 1985, 290, 707.	4.5	46
18	Novae in External Galaxies: M51, M87, and M101. <i>Astrophysical Journal</i> , 2000, 530, 193-206.	4.5	42

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19	A remarkable recurrent nova in M31: Discovery and optical/UV observations of the predicted 2014 eruption. <i>Astronomy and Astrophysics</i> , 2015, 580, A45.	5.1	39
20	A remarkable recurrent nova in M 31: The X-ray observations. <i>Astronomy and Astrophysics</i> , 2014, 563, L8.	5.1	38
21	Time-resolved CCD photometry of a sample of Palomar-green cataclysmic variable candidates. <i>Astronomical Journal</i> , 1995, 109, 1757.	4.7	37
22	Photometric and spectroscopic observations of the eclipsing nova-like variable PG 1030 + 590 (DW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.5	37
23	The H-alpha light curves of novae in M31. <i>Astrophysical Journal</i> , 1990, 356, 472.	4.5	37
24	M31N 2007-11d: A SLOWLY RISING, LUMINOUS NOVA IN M31. <i>Astrophysical Journal</i> , 2009, 690, 1148-1157.	4.5	36
25	On the Nova Rate in M33. <i>Astrophysical Journal</i> , 2004, 612, 867-876.	4.5	30
26	A remarkable recurrent nova in M 31: The predicted 2014 outburst in X-rays with <i>Swift</i> .	5.1	30
27	A search for eclipses of HD 114762 by a low-mass companion. <i>Astronomical Journal</i> , 1990, 99, 672.	4.7	30
28	RECURRENT NOVAE IN M31. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 34.	7.7	26
29	Tomographic Analysis of H α Profiles in HDE 226868/Cygnus X-1. <i>Astrophysical Journal</i> , 1998, 506, 424-430.	4.5	25
30	The spectroscopic and photometric evolution of novae in the bulge of M31. <i>Astrophysical Journal, Supplement Series</i> , 1992, 81, 683.	7.7	25
31	OPTICAL AND X-RAY OBSERVATIONS OF M31N 2007-12b: AN EXTRAGALACTIC RECURRENT NOVA WITH A DETECTED PROGENITOR?. <i>Astrophysical Journal</i> , 2009, 705, 1056-1062.	4.5	24
32	Inflows, Outflows, and a Giant Donor in the Remarkable Recurrent Nova M31N 2008-12a?â€”Hubble Space Telescope Photometry of the 2015 Eruption. <i>Astrophysical Journal</i> , 2017, 849, 96.	4.5	24
33	Breaking the Habit: The Peculiar 2016 Eruption of the Unique Recurrent Nova M31N 2008-12a. <i>Astrophysical Journal</i> , 2018, 857, 68.	4.5	24
34	A detection of orbital radial velocity variations of the primary component in the black hole binary A0620 - 00 (= V616 Monocerotis). <i>Astrophysical Journal</i> , 1990, 359, L47.	4.5	23
35	ASCA,RXTE,EUVE, and Optical Observations of the High Magnetic Field Cataclysmic Variable AR Ursae Majoris. <i>Astrophysical Journal</i> , 1999, 520, 841-848.	4.5	23
36	X-RAY FLASHES IN RECURRENT NOVAE: M31N 2008-12a AND THE IMPLICATIONS OF THE SWIFT NONDETECTION. <i>Astrophysical Journal</i> , 2016, 830, 40.	4.5	23

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37	PHOTOMETRIC AND SPECTROSCOPIC PROPERTIES OF NOVAE IN THE LARGE MAGELLANIC CLOUD. <i>Astronomical Journal</i> , 2013, 145, 117.	4.7	22
38	Eclipse maps of the accretion disk in the classical nova V Persei. <i>Astrophysical Journal</i> , 1992, 393, 729.	4.5	22
39	V795 Herculis (PG 1711+336) - A new intermediate polar in the period gap. <i>Astrophysical Journal</i> , 1990, 354, 708.	4.5	21
40	A recurrent nova super-remnant in the Andromeda galaxy. <i>Nature</i> , 2019, 565, 460-463.	27.8	20
41	A SPITZER SURVEY OF NOVAE IN M31. <i>Astrophysical Journal</i> , 2011, 727, 50.	4.5	19
42	Detection of superhumps and quasi-periodic oscillations in the light curve of the dwarf nova SW Ursae Majoris. <i>Astrophysical Journal</i> , 1987, 313, 772.	4.5	19
43	M31N-2007-06b: A Nova in the M31 Globular Cluster Bol 111. <i>Astrophysical Journal</i> , 2007, 671, L121-L124.	4.5	18
44	NOVA LIGHT CURVES FROM THE SOLAR MASS EJECTION IMAGER (SMEI). II. THE EXTENDED CATALOG. <i>Astrophysical Journal</i> , 2016, 820, 104.	4.5	18
45	A time-resolved spectroscopic study of the SU Ursae Majoris dwarf nova YZ CANCRI. <i>Astronomical Journal</i> , 1988, 95, 178.	4.7	18
46	EXPLORING THE ROLE OF GLOBULAR CLUSTER SPECIFIC FREQUENCY ON THE NOVA RATES IN THREE VIRGO ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2015, 811, 34.	4.5	17
47	RX J0515.6+0105: an unusual, eclipsing, magnetic cataclysmic variable. <i>Astrophysical Journal</i> , 1995, 443, 319.	4.5	17
48	The Galactic Nova Rate. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	16
49	ON THE SPECTROSCOPIC CLASSES OF NOVAE IN M33. <i>Astrophysical Journal</i> , 2012, 752, 156.	4.5	16
50	ON THE PROGENITORS OF LOCAL GROUP NOVAE. I. THE M31 CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 10.	7.7	16
51	No Neon, but Jets in the Remarkable Recurrent Nova M31N 2008-12a?â€”Hubble Space Telescope Spectroscopy of the 2015 Eruption. <i>Astrophysical Journal</i> , 2017, 847, 35.	4.5	16
52	Spectroscopic orbits for the dwarf novae X Leonis and SS Aurigae. <i>Astronomical Journal</i> , 1986, 92, 658.	4.7	16
53	V Persei - Bridging the period gap. <i>Astrophysical Journal</i> , 1989, 339, L75.	4.5	15
54	Extragalactic novae. , 2008, , 335-359.		14

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55	ON THE PROGENITORS OF LOCAL GROUP NOVAE. II. THE RED GIANT NOVA RATE OF M31. <i>Astrophysical Journal</i> , 2016, 817, 143.	4.5	14
56	An upper limit to the mass of the white dwarf in UX Ursae Majoris. <i>Astronomical Journal</i> , 1984, 89, 1555.	4.7	13
57	Modeling Eclipses in the Classical Nova V Persei: The Role of the Accretion Disk Rim. <i>Astrophysical Journal</i> , 2006, 644, 1104-1117.	4.5	12
58	The pulse-timing and emission-line orbits of the white dwarf in the cataclysmic variable AE Aquarii. <i>Astrophysical Journal</i> , 1991, 374, 298.	4.5	12
59	The Rate and Spatial Distribution of Novae in M101 (NGC 5457). <i>Astrophysical Journal</i> , 2008, 686, 1261-1268.	4.5	11
60	Spectroscopic orbits for the cataclysmic binaries CM Delphini, V380 Ophiuchi, and VW Vulpeculae. <i>Astronomical Journal</i> , 1985, 90, 643.	4.7	11
61	A multicolor eclipse study of the classical nova QZ Aurigae (Nova Aurigae 1964). <i>Astrophysical Journal</i> , 1995, 440, 336.	4.5	11
62	THE NOVA RATE IN M94 (NGC 4736). <i>Astrophysical Journal</i> , 2010, 720, 1155-1160.	4.5	10
63	THE NOVA RATE IN NGC 2403. <i>Astrophysical Journal</i> , 2012, 760, 13.	4.5	10
64	H α Spectroscopy of the Unusual Binary V Sagittae. <i>Astronomical Journal</i> , 1998, 115, 2566-2570.	4.7	10
65	Spin-down of the white dwarf in the DQ Herculis system FO Aquarii (H2215-086). <i>Monthly Notices of the Royal Astronomical Society</i> , 1987, 228, 193-202.	4.4	9
66	The discovery of unusual eclipses in the light curves of the classical novae DO Aquilae and V849 Ophiuchi. <i>Publications of the Astronomical Society of the Pacific</i> , 1993, 105, 853.	3.1	9
67	IR Geminorum - Indications of a massive white dwarf and a heated secondary in this new SU Majoris cataclysmic variable. <i>Astrophysical Journal</i> , 1984, 282, 236.	4.5	9
68	RAPID DUST FORMATION IN NOVAE: THE SPEED CLASS α FORMATION TIMESCALE CORRELATION EXPLAINED. <i>Astrophysical Journal Letters</i> , 2013, 777, L32.	8.3	8
69	The Detailed Light-curve Evolution of V1674 Her (Nova Her 2021). <i>Research Notes of the AAS</i> , 2021, 5, 160.	0.7	8
70	Photometric and spectroscopic observations of the optical counterpart of H2215-086. <i>Astronomical Journal</i> , 1982, 87, 655.	4.7	8
71	A Theory for the Maximum Magnitude versus Rate of Decline Relation of Classical Novae. <i>Astrophysical Journal</i> , 2020, 902, 91.	4.5	8
72	Polarimetry of the exceptionally long-period eclipsing polar RX J0515.6 + 0105. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 275, L61-L66.	4.4	6

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73	Time-Resolved Photometry of the Optical Counterpart of Swift J2319.4+2619. Publications of the Astronomical Society of the Pacific, 2008, 120, 374-379.	3.1	6
74	A multiwavelength study of the short-period cataclysmic variable V442 Ophiuchi. Publications of the Astronomical Society of the Pacific, 1983, 95, 509.	3.1	6
75	DO Leonis - A new eclipsing cataclysmic variable. Publications of the Astronomical Society of the Pacific, 1990, 102, 558.	3.1	5
76	Spectral energy distributions of young stellar objects. I - A turbospheric model for DR Tauri. Astrophysical Journal, 1983, 267, 199.	4.5	5
77	A Radial Velocity Study of the Dwarf Nova AR Andromedae: Comparison of the Quiescent and Outburst States. Astrophysical Journal, 1995, 440, 853.	4.5	5
78	A remarkable recurrent nova in M31: Discovery and optical/UV observations of the predicted 2014 eruption (Corrigendum). Astronomy and Astrophysics, 2016, 593, C3.	5.1	4
79	On the Nova Rate in M87. Research Notes of the AAS, 2017, 1, 11.	0.7	4
80	The Orbital Period of V368 Aquilae (Nova Aquilae 1936 No. 2). Publications of the Astronomical Society of the Pacific, 2009, 121, 1090-1095.	3.1	3
81	The physical properties of a slow nova in the bulge of M31. Astrophysical Journal, 1993, 411, 640.	4.5	3
82	A Survey of Novae in M83. Astrophysical Journal, 2021, 923, 239.	4.5	3
83	Identification of Lanning 90 as a previously uncataloged cataclysmic variable. Publications of the Astronomical Society of the Pacific, 1983, 95, 206.	3.1	2
84	A lower limit on the magnitude of the companion to HDE 226868 (Cygnus X-1). Astrophysical Journal, 1980, 240, 612.	4.5	2
85	V795 Herculis (PG 1711+336): A New Intermediate Polar in the Period Gap: Erratum. Astrophysical Journal, 1995, 438, 1017.	4.5	2
86	The Recurrent Nova Candidate M31N 1966-08a=1968-10c is a Galactic Flare Star. Research Notes of the AAS, 2017, 1, 44.	0.7	1
87	A Limit on the Space Density of Short-Period Binary White Dwarfs. International Astronomical Union Colloquium, 1989, 114, 492-497.	0.1	0
88	Observations of Novae in M51, M87, and M101: A Preliminary Report. International Astronomical Union Colloquium, 1996, 158, 291-294.	0.1	0
89	A Survey for Novae in M33: Preliminary Results. AIP Conference Proceedings, 2002, , .	0.4	0
90	Variable Stellar Object Detection and Light Curves from the Solar Mass Ejection Imager (SMEI). Proceedings of the International Astronomical Union, 2011, 7, 91-94.	0.0	0

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91	Updated Ephemeris and Evidence for a Period Change in the Eclipsing Novalike Variable 1RXS J064434.5+334451. Research Notes of the AAS, 2021, 5, 207.	0.7	0
92	Photometric Observations of the 2017 Outburst of Recurrent Nova M31N 2007-10b. Research Notes of the AAS, 2018, 2, 190.	0.7	0