Thomas W-S Holoien

List of Publications by Year
in descending order

126 papers	6,995 citations	66336 42 h-index	64791 79 g-index
127 all docs	127 docs citations	127 times ranked	7052 citing authors

#	Article	IF	Citations
1	Infant-phase reddening by surface Fe-peak elements in a normal type Ia supernova. Nature Astronomy, 2022, 6, 568-576.	10.1	17
2	The Rapid X-Ray and UV Evolution of ASASSN-14ko. Astrophysical Journal, 2022, 926, 142.	4.5	12
3	Citizen ASAS-SN Data Release. I. Variable Star Classification Using Citizen Science. Publications of the Astronomical Society of the Pacific, 2022, 134, 024201.	3.1	7
4	The First Data Release of CNIa0.02â€"A Complete Nearby (Redshift <0.02) Sample of Type Ia Supernova Light Curves*. Astrophysical Journal, Supplement Series, 2022, 259, 53.	7.7	7
5	The Curious Case of ASASSN-20hx: A Slowly Evolving, UV- and X-Ray-Luminous, Ambiguous Nuclear Transient. Astrophysical Journal, 2022, 930, 12.	4.5	23
6	Progenitor, environment, and modelling of the interacting transient ATÂ2016jbu (Gaia16cfr). Monthly Notices of the Royal Astronomical Society, 2022, 513, 5666-5685.	4.4	10
7	Photometric and spectroscopic evolution of the interacting transient ATÂ2016jbu(Gaia16cfr). Monthly Notices of the Royal Astronomical Society, 2022, 513, 5642-5665.	4.4	10
8	Discovery of a highly eccentric, chromospherically active binary: ASASSN-V J192114.84+624950.8. Monthly Notices of the Royal Astronomical Society, 2022, 514, 200-207.	4.4	2
9	Investigating the Nature of the Luminous Ambiguous Nuclear Transient ASASSN-17jz. Astrophysical Journal, 2022, 933, 196.	4.5	9
10	Citizen ASAS-SN: Citizen Science with The All-Sky Automated Survey for SuperNovae (ASAS-SN). Research Notes of the AAS, 2021, 5, 38.	0.7	1
11	Space Telescope and Optical Reverberation Mapping Project. IX. Velocityâ€"Delay Maps for Broad Emission Lines in NGC 5548. Astrophysical Journal, 2021, 907, 76.	4.5	36
12	A Swift Fix for Nuclear Outbursts. Astrophysical Journal, 2021, 910, 83.	4.5	17
13	ASASSN-18am/SNÂ2018gk: an overluminous Type IIb supernova from a massive progenitor. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3472-3491.	4.4	6
14	Classical Novae Masquerading as Dwarf Novae? Outburst Properties of Cataclysmic Variables with ASAS-SN. Astrophysical Journal, 2021, 910, 120.	4.5	12
15	ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003. Astrophysical Journal, 2021, 910, 125.	4.5	45
16	The Changing-look Blazar B2 1420+32. Astrophysical Journal, 2021, 913, 146.	4.5	12
17	SN 2019yvq Does Not Conform to SN Ia Explosion Models. Astrophysical Journal, 2021, 914, 50.	4.5	15
18	ASASSN-21co: A Detached Eclipsing Binary with an 11.9 yr Period. Research Notes of the AAS, 2021, 5, 147.	0.7	1

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19	An AMUSING look at the host of the periodic nuclear transient ASASSN-14ko reveals a second AGN. Monthly Notices of the Royal Astronomical Society, 2021, 506, 6014-6028.	4.4	9
20	V-band photometry of asteroids from ASAS-SN. Astronomy and Astrophysics, 2021, 654, A48.	5.1	9
21	High tide: a systematic search for ellipsoidal variables in ASAS-SN. Monthly Notices of the Royal Astronomical Society, 2021, 507, 104-115.	4.4	16
22	Discovery of a Fast Iron Low-ionization Outflow in the Early Evolution of the Nearby Tidal Disruption Event AT 2019qiz. Astrophysical Journal, 2021, 917, 9.	4.5	17
23	The ASAS-SN catalogue of variable stars IX: The spectroscopic properties of Galactic variable stars. Monthly Notices of the Royal Astronomical Society, 2021, 503, 200-235.	4.4	34
24	ASAS-SN search for optical counterparts of gravitational-wave events from the third observing run of Advanced LIGO/Virgo. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3427-3440.	4.4	14
25	ASASSN-15hy: An Underluminous, Red 03fg-like Type Ia Supernova. Astrophysical Journal, 2021, 920, 107.	4.5	11
26	Galactic Extinction: How Many Novae Does It Hide and How Does It Affect the Galactic Nova Rate?. Astrophysical Journal, 2021, 922, 25.	4.5	9
27	The ASAS-SN catalogue of variable stars â€“ V. Variables in the Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2020, 491, 13-28.	4.4	60
28	Nebular spectra of 111 Type Ia supernovae disfavour single-degenerate progenitors. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1044-1062.	4.4	42
29	The ASAS-SN catalogue of variable stars â€“ VII. Contact binaries are different above and below the Kraft break. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4045-4057.	4.4	27
30	The ASAS-SN catalogue of variable stars â€“ VIII. â€˜Dipperâ€™ stars in the Lupus star-forming region. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3257-3269.	4.4	19
31	The ASAS-SN catalogue of variable stars VI: an all-sky sample of Î´ Scuti stars. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4186-4208.	4.4	32
32	Optical-Ultraviolet Tidal Disruption Events. Space Science Reviews, 2020, 216, 1.	8.1	99
33	Discovery and follow-up of ASASSN-19dj: an X-ray and UV luminous TDE in an extreme post-starburst galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1673-1696.	4.4	64
34	SNÂ2017ivv: two years of evolution of a transitional Type II supernova. Monthly Notices of the Royal Astronomical Society, 2020, 499, 974-992.	4.4	7
35	Response to Comment on â€œA noninteracting low-mass black holeâ€“giant star binary systemâ€• Science, 2020, 368, .	12.6	13
36	Examining a Peak-luminosity/Decline-rate Relationship for Tidal Disruption Events. Astrophysical Journal Letters, 2020, 894, L10.	8.3	22

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37	The Most Rapidly Declining Type I Supernova 2019bkc/ATLAS19dqr. Astrophysical Journal Letters, 2020, 889, L6.	8.3	16
38	Variable HÎ± Emission in the Nebular Spectra of the Low-luminosity Type Ia SN2018cqj/ATLAS18qtd. Astrophysical Journal, 2020, 889, 100.	4.5	28
39	Survey of period variations of superhumps in SUÂUMa-type dwarf novae. X. The tenth year (2017). Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	10
40	To TDE or not to TDE: the luminous transient ASASSN-18jd with TDE-like and AGN-like qualities. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2538-2560.	4.4	34
41	A Catalog of M-dwarf Flares with ASAS-SN. Astrophysical Journal, 2020, 892, 144.	4.5	29
42	Beyond Gaia: Asteroseismic Distances of M Giants Using Ground-based Transient Surveys. Astronomical Journal, 2020, 160, 18.	4.7	13
43	The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times. Astrophysical Journal, 2020, 898, 161.	4.5	41
44	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events*. Astrophysical Journal, 2020, 900, 140.	4.5	24
45	Cool, Luminous, and Highly Variable Stars in the Magellanic Clouds from ASAS-SN: Implications for Thorneâ€“Å»ytkow Objects and Super-asymptotic Giant Branch Stars. Astrophysical Journal, 2020, 901, 135.	4.5	16
46	Double-peaked Balmer Emission Indicating Prompt Accretion Disk Formation in an X-Ray Faint Tidal Disruption Event. Astrophysical Journal, 2020, 903, 31.	4.5	37
47	Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548. Astrophysical Journal, 2020, 902, 74.	4.5	22
48	Investigation of Two Fermi-LAT Gamma-Ray Blazars Coincident with High-energy Neutrinos Detected by IceCube. Astrophysical Journal, 2019, 880, 103.	4.5	60
49	ASASSN-15pz: Revealing Significant Photometric Diversity among 2009dc-like, Peculiar SNe Ia^{â^—}. Astrophysical Journal, 2019, 880, 35.	4.5	18
50	A noninteracting low-mass black holeâ€“giant star binary system. Science, 2019, 366, 637-640.	12.6	182
51	Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum. Astrophysical Journal, 2019, 881, 153.	4.5	34
52	Discovery and Early Evolution of ASASSN-19bt, the First TDE Detected by TESS. Astrophysical Journal, 2019, 883, 111.	4.5	71
53	PS18kh: A New Tidal Disruption Event with a Non-axisymmetric Accretion Disk. Astrophysical Journal, 2019, 880, 120.	4.5	68
54	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. Astrophysical Journal, 2019, 870, 12.	4.5	60

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55	The extraplanar type II supernova ASASSN-14jb in the nearby edge-on galaxy ESO 467-G051. Astronomy and Astrophysics, 2019, 629, A57.	5.1	8
56	First Resolution of Microlensed Images*. Astrophysical Journal, 2019, 871, 70.	4.5	45
57	The ASAS-SN catalogue of variable stars â€“ IV. Periodic variables in the APOGEE survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5932-5945.	4.4	26
58	ASASSN-18tb: a most unusual Type Ia supernova observed by TESS and SALT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2372-2384.	4.4	49
59	The Largest M Dwarf Flares from ASAS-SN. Astrophysical Journal, 2019, 876, 115.	4.5	36
60	The ASAS-SN bright supernova catalogue â€“ IV. 2017. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1899-1911.	4.4	37
61	The ASAS-SN catalogue of variable stars III: variables in the southern TESS continuous viewing zone. Monthly Notices of the Royal Astronomical Society, 2019, 485, 961-971.	4.4	117
62	An all-sky search for R Coronae Borealis stars in ASAS-SN. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4470-4478.	4.4	9
63	Strongly Bipolar Inner Ejecta of the Normal Type IIP Supernova ASASSN-16at. Astrophysical Journal Letters, 2019, 873, L3.	8.3	12
64	Seeing Double: ASASSN-18bt Exhibits a Two-component Rise in the Early-time K2 Light Curve. Astrophysical Journal, 2019, 870, 13.	4.5	67
65	The relative specific Type Ia supernovae rate from three years of ASAS-SN. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3785-3796.	4.4	25
66	KELT-24b: A 5M_J Planet on a 5.6 day Well-aligned Orbit around the Young VÂ=Â8.3 F-star HD 93148. Astronomical Journal, 2019, 158, 197.	4.7	15
67	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. Astronomy and Astrophysics, 2019, 630, A76.	5.1	35
68	1ES 1927+654: An AGN Caught Changing Look on a Timescale of Months. Astrophysical Journal, 2019, 883, 94.	4.5	95
69	Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a â€œNormal,â€•Massive, Metal-rich Spiral Galaxy. Astrophysical Journal, 2018, 853, 57.	4.5	60
70	Continuum Reverberation Mapping of the Accretion Disks in Two Seyfert 1 Galaxies. Astrophysical Journal, 2018, 854, 107.	4.5	51
71	The ultraviolet spectroscopic evolution of the low-luminosity tidal disruption event iPTF16fnl. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1130-1144.	4.4	54
72	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. Astrophysical Journal Letters, 2018, 865, L3.	8.3	146

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73	Velocity-resolved Reverberation Mapping of Five Bright Seyfert 1 Galaxies. Astrophysical Journal, 2018, 866, 133.	4.5	63
74	Red versus Blue: Early Observations of Thermonuclear Supernovae Reveal Two Distinct Populations?. Astrophysical Journal Letters, 2018, 864, L35.	8.3	49
75	The unusual late-time evolution of the tidal disruption event ASASSN-15oi. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5689-5703.	4.4	52
76	ASASSN-18ey: The Rise of a New Black Hole X-Ray Binary. Astrophysical Journal Letters, 2018, 867, L9.	8.3	80
77	A significantly off-centre 56Ni distribution for the low-luminosity type Ia supernova SN 2016brx from the 100IAS survey. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L70-L75.	3.3	23
78	Supernovae 2016bdu and 2005gl, and their link with SN 2009ip-like transients: another piece of the puzzle. Monthly Notices of the Royal Astronomical Society, 2018, 474, 197-218.	4.4	50
79	The highly luminous Type Ibn supernova ASASSN-14ms. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2344-2354.	4.4	12
80	Where Is the Flux Going? The Long-term Photometric Variability of Boyajianâ€™s Star. Astrophysical Journal, 2018, 853, 77.	4.5	32
81	ASASSN-15nx: A Luminous Type II Supernova with a â€œPerfectâ€•Linear Decline. Astrophysical Journal, 2018, 862, 107.	4.5	20
82	The ASAS-SN catalogue of variable stars I: The Serendipitous Survey. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3145-3163.	4.4	258
83	ASAS-SN Discovery of 4880 Bright RR Lyrae Variable Stars. Research Notes of the AAS, 2018, 2, 18.	0.7	4
84	ASASSN-18di: Discovery of a Powerful Flare on a Mid-M Dwarf. Research Notes of the AAS, 2018, 2, 8.	0.7	8
85	ASAS-SN Identification of a Detached Eclipsing Binary System with aÂâˆ¼Â7.3 Year Period. Research Notes of the AAS, 2018, 2, 125.	0.7	3
86	ASAS-SN Identification of FY Sct as a Detached Eclipsing Binary System with a 2.6â€‰Years Period. Research Notes of the AAS, 2018, 2, 181.	0.7	1
87	The Mysterious Dimmings of the T Tauri Star V1334 Tau. Astrophysical Journal, 2017, 836, 209.	4.5	21
88	Reverberation Mapping of Optical Emission Lines in Five Active Galaxies. Astrophysical Journal, 2017, 840, 97.	4.5	79
89	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. Astrophysical Journal, 2017, 837, 131.	4.5	93
90	EmpiriciSN: Re-sampling Observed Supernova/Host Galaxy Populations Using an XD Gaussian Mixture Model. Astronomical Journal, 2017, 153, 249.	4.7	22

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91	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. Science, 2017, 358, 1570-1574.	12.6	517
92	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. Science, 2017, 358, 1574-1578.	12.6	240
93	Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy. Astrophysical Journal, 2017, 846, 55.	4.5	33
94	Placing the Spotted T Tauri Star LkCa 4 on an HR Diagram. Astrophysical Journal, 2017, 836, 200.	4.5	97
95	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. Nature, 2017, 551, 210-213.	27.8	112
96	The unexpected, long-lasting, UV rebrightening of the superluminous supernova ASASSN-15lh. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1428-1443.	4.4	41
97	Survey of period variations of superhumps in SU UMa-type dwarf novae. IX. The ninth year (2016â€“2017). Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	14
98	Supernova progenitors, their variability and the Type IIP Supernova ASASSN-16fq in M66. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3347-3360.	4.4	39
99	Periodic eclipses of the young star PDS 110 discovered with WASP and KELT photometry. Monthly Notices of the Royal Astronomical Society, 2017, 471, 740-749.	4.4	40
100	The All-Sky Automated Survey for Supernovae (ASAS-SN) Light Curve Server v1.0. Publications of the Astronomical Society of the Pacific, 2017, 129, 104502.	3.1	780
101	The Architecture of the GW Ori Young Triple-star System and Its Disk: Dynamical Masses, Mutual Inclinations, and Recurrent Eclipses. Astrophysical Journal, 2017, 851, 132.	4.5	22
102	The ASAS-SN bright supernova catalogue â€“ III. 2016. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4966-4981.	4.4	73
103	A nova outburst powered by shocks. Nature Astronomy, 2017, 1, 697-702.	10.1	61
104	THE TDE ASASSN-14li AND ITS HOST RESOLVED AT PARSEC SCALES WITH THE EVN. Astrophysical Journal Letters, 2016, 832, L10.	8.3	16
105	DM ORI: A YOUNG STAR OCCULTED BY A DISTURBANCE IN ITS PROTOPLANETARY DISK. Astrophysical Journal, 2016, 831, 74.	4.5	9
106	MUSE REVEALS A RECENT MERGER IN THE POST-STARBURST HOST GALAXY OF THE TDE ASASSN-14li. Astrophysical Journal Letters, 2016, 830, L32.	8.3	40
107	THE ERUPTION OF THE CANDIDATE YOUNG STAR ASASSN-15QI. Astrophysical Journal, 2016, 831, 133.	4.5	20
108	ASASSN-15oi: a rapidly evolving, luminous tidal disruption event at 216 Mpc. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3813-3828.	4.4	131

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109	RETURN OF THE KING: TIME-SERIES PHOTOMETRY OF FO AQUARIIâ€™S INITIAL RECOVERY FROM ITS UNPRECEDENTED 2016 LOW STATE. Astrophysical Journal, 2016, 833, 93.	4.5	16
110	Six months of multiwavelength follow-up of the tidal disruption candidate ASASSN-14li and implied TDE rates from ASAS-SN. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2918-2935.	4.4	252
111	THE YOUNG AND BRIGHT TYPE IA SUPERNOVA ASASSN-14lp: DISCOVERY, EARLY-TIME OBSERVATIONS, FIRST-LIGHT TIME, DISTANCE TO NGC 4666, AND PROGENITOR CONSTRAINTS. Astrophysical Journal, 2016, 826, 144.	4.5	61
112	Hello darkness my old friend: the fading of the nearby TDE ASASSN-14ae. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3993-4000.	4.4	32
113	ASASSN-15lh: A highly super-luminous supernova. Science, 2016, 351, 257-260.	12.6	172
114	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	4.5	133
115	ASASSN-16ae: A POWERFUL WHITE-LIGHT FLARE ON AN EARLY-L DWARF. Astrophysical Journal Letters, 2016, 828, L22.	8.3	40
116	Massive stars exploding in a He-rich circumstellar medium â€“ VII. The metamorphosis of ASASSN-15ed from a narrow line Type Ibn to a normal Type Ib Supernova. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3650-3662.	4.4	21
117	Total eclipse of the heart: the AM CVn Gaia14aae/ASSASN-14cn. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1060-1067.	4.4	32
118	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. Astrophysical Journal Letters, 2015, 815, L22.	8.3	69
119	CHARACTERIZING A DRAMATIC Î” V â^¼ â€“9 FLARE ON AN ULTRACOOL DWARF FOUND BY THE ASAS-SN SURVEY. Astrophysical Journal Letters, 2014, 781, L24.	8.3	42
120	ASASSN-14ae: a tidal disruption event at 200 Mpc. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3263-3277.	4.4	205
121	DISCOVERY AND OBSERVATIONS OF ASASSN-13db, AN EX LUPI-TYPE ACCRETION EVENT ON A LOW-MASS T TAURI STAR. Astrophysical Journal Letters, 2014, 785, L35.	8.3	33
122	TYPE-Ia SUPERNOVA RATES TO REDSHIFT 2.4 FROM CLASH: THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE. Astrophysical Journal, 2014, 783, 28.	4.5	132
123	THREE GRAVITATIONALLY LENSED SUPERNOVAE BEHIND CLASH GALAXY CLUSTERS. Astrophysical Journal, 2014, 786, 9.	4.5	45
124	The Long Term Evolution of ASASSN-14li. Monthly Notices of the Royal Astronomical Society, 0, , stx033.	4.4	26
125	The ASAS-SN Bright Supernova Catalog â€“ II. 2015. Monthly Notices of the Royal Astronomical Society, 0, , stx057.	4.4	24
126	The ASAS-SN Catalog of Variable Stars II: Uniform Classification of 412,000 Known Variables. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	109