

William P Blair

List of Publications by Year in descending order

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91
papers

2,861
citations

136950

32
h-index

197818

49
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95
all docs

95
docs citations

95
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	The Balmer-dominated northeast limb of the Cygnus loop supernova remnant. <i>Astrophysical Journal</i> , 1994, 420, 721.	4.5	148
2	Electron Ion Equilibration in Nonradiative Shocks Associated with SN 1006. <i>Astrophysical Journal</i> , 1996, 472, 267-274.	4.5	112
3	Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. II. Elemental Abundances in N132D and 1E 0102.2-7219. <i>Astrophysical Journal</i> , 2000, 537, 667-689.	4.5	110
4	THE CHANDRA ACIS SURVEY OF M33: X-RAY, OPTICAL, AND RADIO PROPERTIES OF THE SUPERNOVA REMNANTS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 495-559.	7.7	90
5	Hubble Space Telescope Imaging of the Primary Shock Front in the Cygnus Loop Supernova Remnant. <i>Astronomical Journal</i> , 2005, 129, 2268-2280.	4.7	87
6	Identification of Supernova Remnants in the Sculptor Group Galaxies NGC 300 and NGC 7793. <i>Astrophysical Journal, Supplement Series</i> , 1997, 108, 261-277.	7.7	86
7	Evidence for Shock Precursors in Tycho's Supernova Remnant. <i>Astrophysical Journal</i> , 2000, 535, 266-274.	4.5	78
8	Spitzer Space Telescope Observations of Kepler's Supernova Remnant: A Detailed Look at the Circumstellar Dust Component. <i>Astrophysical Journal</i> , 2007, 662, 998-1013.	4.5	78
9	A multiwavelength study of the supernova remnant N49 in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 1992, 394, 158.	4.5	74
10	A New Optical Sample of Supernova Remnants in M33. <i>Astrophysical Journal, Supplement Series</i> , 1998, 117, 89-133.	7.7	71
11	SUPERNOVA REMNANTS AND THE INTERSTELLAR MEDIUM OF M83: IMAGING AND PHOTOMETRY WITH THE WIDE FIELD CAMERA 3 ON THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 964-978.	4.5	60
12	Distance to the Cygnus Loop from HUBBLE SPACE TELESCOPE Hubble Space Telescope Imaging of the Primary Shock Front. <i>Astronomical Journal</i> , 1999, 118, 942-947.	4.7	60
13	An Optical Survey of Supernova Remnants in M83. <i>Astrophysical Journal, Supplement Series</i> , 2004, 155, 101-121.	7.7	55
14	Spectroscopy of a Balmer-dominated filament in the Cygnus Loop with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1992, 400, 214.	4.5	55
15	Optical emission-line properties of M33 supernova remnants. <i>Astrophysical Journal</i> , 1993, 407, 564.	4.5	55
16	A DEEP CHANDRA ACIS SURVEY OF M83. <i>Astrophysical Journal, Supplement Series</i> , 2014, 212, 21.	7.7	53
17	DUST IN A TYPE Ia SUPERNOVA PROGENITOR: SPITZER SPECTROSCOPY OF KEPLER'S SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2012, 755, 3.	4.5	52
18	Detection of Ultraviolet Emission Lines in SN 1006 with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1995, 454, .	4.5	52

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19	THE BIRTH OF AN ULTRALUMINOUS X-RAY SOURCE IN M83. <i>Astrophysical Journal</i> , 2012, 750, 152.	4.5	51
20	Observations of the bright novalike variable IX Velorum with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1994, 426, 704.	4.5	49
21	AN EXPANDED <i>HST</i> /WFC3 SURVEY OF M83: PROJECT OVERVIEW AND TARGETED SUPERNOVA REMNANT SEARCH. <i>Astrophysical Journal</i> , 2014, 788, 55.	4.5	44
22	Far-UV Ultraviolet Spectra of a Nonradiative Shock Wave in the Cygnus Loop. <i>Astrophysical Journal</i> , 2003, 584, 770-781.	4.5	43
23	THE MAGELLAN/IMACS CATALOG OF OPTICAL SUPERNOVA REMNANT CANDIDATES IN M83. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 8.	7.7	42
24	On the Propinquity of Shock-Excited and Photoionized Plasma: The Supernova Remnant and the H II Region of N63A. <i>Astronomical Journal</i> , 1995, 110, 739.	4.7	40
25	Discovery of a fast radiative shock wave in the Cygnus Loop using the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1991, 379, L33.	4.5	39
26	An atlas of confirmed and candidate supernova remnants in M33. <i>Astrophysical Journal</i> , Supplement Series, 1990, 72, 61.	7.7	39
27	<i>Chandra</i> ACIS Survey of M33 (ChASem33): A First Look. <i>Astrophysical Journal</i> , Supplement Series, 2008, 174, 366-378.	7.7	38
28	The Detection of Far-UV Ultraviolet Line Emission from Balmer-Dominated Supernova Remnants in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2007, 664, 304-321.	4.5	35
29	The Ultraviolet Spectrum of a Face-on Shock Wave in the Vela Supernova Remnant. <i>Astrophysical Journal</i> , 1997, 482, 881-890.	4.5	34
30	DUST DESTRUCTION IN A NON-RADIATIVE SHOCK IN THE CYGNUS LOOP SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2010, 712, 1092-1099.	4.5	34
31	The Cygnus Loop's distance, properties, and environment driven morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1786-1798.	4.4	33
32	A Detailed Analysis of a Cygnus Loop Shock-Cloud Interaction. <i>Astronomical Journal</i> , 2001, 122, 938-953.	4.7	33
33	SECOND EPOCH HUBBLE SPACE TELESCOPE OBSERVATIONS OF KEPLER'S SUPERNOVA REMNANT: THE PROPER MOTIONS OF BALMER FILAMENTS*. <i>Astrophysical Journal</i> , 2016, 817, 36.	4.5	32
34	Discovery of optical emission from the remnant of SN 1957D in M83. <i>Astrophysical Journal</i> , 1989, 340, L25.	4.5	31
35	RECOVERY OF THE HISTORICAL SN1957D IN X-RAYS WITH <i>CHANDRA</i> . <i>Astrophysical Journal</i> , 2012, 756, 18.	4.5	30
36	<i>SPITZER</i> OBSERVATIONS OF THE TYPE IA SUPERNOVA REMNANT N103B: KEPLER'S OLDER COUSIN?. <i>Astrophysical Journal</i> , 2014, 790, 139.	4.5	29

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37	[ITAL]HUBBLE SPACE TELESCOPE[/ITAL] [ITAL]Hubble Space Telescope[/ITAL] Images of the Ultraluminous Supernova Remnant Complex in NGC 6946. <i>Astronomical Journal</i> , 2001, 121, 1497-1506.	4.7	28
38	Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. III. WFPC2 Imaging of the Young, Crab-like Supernova Remnant SNR 0540 ⁺ 69.3. <i>Astrophysical Journal</i> , 2006, 644, 188-197.	4.5	28
39	EXPANSION OF HYDROGEN-POOR KNOTS IN THE BORN-AGAIN PLANETARY NEBULAE A30 AND A78. <i>Astrophysical Journal</i> , 2014, 797, 100.	4.5	26
40	The ultraviolet spectrum of an oxygen-rich supernova remnant in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 1989, 338, 812.	4.5	26
41	<i>FAR ULTRAVIOLET SPECTROSCOPIC EXPLORER</i> OBSERVATIONS OF KPD 2055+3111, A STAR BEHIND THE CYGNUS LOOP. <i>Astrophysical Journal</i> , 2009, 692, 335-345.	4.5	25
42	FORBIDDEN IRON LINES AND DUST DESTRUCTION IN SUPERNOVA REMNANT SHOCKS: THE CASE OF N49 IN THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2016, 826, 150.	4.5	24
43	MMT Spectroscopy of Supernova Remnant Candidates in M33. <i>Astrophysical Journal</i> , 2018, 855, 140.	4.5	24
44	[ITAL]HUBBLE SPACE TELESCOPE[/ITAL] [ITAL]Hubble Space Telescope[/ITAL] STIS Observations of the Cygnus Loop: Spatial Structure of a Nonradiative Shock. <i>Astronomical Journal</i> , 2000, 120, 1925-1932.	4.7	23
45	Far-ultraviolet and X-ray Observations of the Reverse Shock in the Small Magellanic Cloud Supernova Remnant 1E 0102.2 ⁺ 7219. <i>Astrophysical Journal</i> , 2006, 642, 260-269.	4.5	23
46	AN ONLINE CATALOG OF CATAclysmic VARIABLE SPECTRA FROM THE <i>FAR-ULTRAVIOLET SPECTROSCOPIC EXPLORER</i>. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 29.	7.7	23
47	Supernova remnants in M33: X-ray properties as observed by XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 308-333.	4.4	23
48	The optical counterpart to the luminous X-ray supernova remnant in NGC 6946. <i>Astrophysical Journal</i> , 1994, 424, L103.	4.5	23
49	GRAIN DESTRUCTION IN A SUPERNOVA REMNANT SHOCK WAVE. <i>Astrophysical Journal</i> , 2013, 778, 161.	4.5	22
50	THE FIRST REPORTED INFRARED EMISSION FROM THE SN 1006 REMNANT. <i>Astrophysical Journal</i> , 2013, 764, 156.	4.5	21
51	Modifying the Standard Disk Model for the Ultraviolet Spectral Analysis of Disk-dominated Cataclysmic Variables. I. The Novalikes MV Lyrae, BZ Camelopardalis, and V592 Cassiopeiae. <i>Astrophysical Journal</i> , 2017, 846, 52.	4.5	20
52	A Spectroscopic Study of the Rich Supernova Remnant Population in M83 ⁺ . <i>Astrophysical Journal</i> , 2017, 839, 83.	4.5	20
53	A Comparison of Ultraviolet, Optical, and X-Ray Imagery of Selected Fields in the Cygnus Loop. <i>Astronomical Journal</i> , 2000, 119, 2319-2331.	4.7	19
54	The Masses of Supernova Remnant Progenitors in M83. <i>Astrophysical Journal</i> , 2019, 881, 54.	4.5	19

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55	A New, Larger Sample of Supernova Remnants in NGC 6946. <i>Astrophysical Journal</i> , 2019, 875, 85.	4.5	19
56	THE SLIM-DISK STATE OF THE ULTRALUMINOUS X-RAY SOURCE IN M83. <i>Astrophysical Journal</i> , 2015, 799, 140.	4.5	18
57	CARBON, HELIUM, AND PROTON KINETIC TEMPERATURES IN A CYGNUS LOOP SHOCK WAVE. <i>Astrophysical Journal</i> , 2015, 805, 152.	4.5	18
58	Turbulence and Energetic Particles in Radiative Shock Waves in the Cygnus Loop. I. Shock Properties. <i>Astrophysical Journal</i> , 2020, 894, 108.	4.5	18
59	Far Ultraviolet Spectroscopic Explorer and Hopkins Ultraviolet Telescope Observations of Radiative Shocks in the Cygnus Loop. <i>Astrophysical Journal, Supplement Series</i> , 2002, 140, 367-388.	7.7	17
60	<i>SPITZER</i> SPECTROSCOPY OF THE GALACTIC SUPERNOVA REMNANT G292.0+1.8: STRUCTURE AND COMPOSITION OF THE OXYGEN-RICH EJECTA. <i>Astrophysical Journal</i> , 2009, 696, 1307-1318.	4.5	17
61	A NEWLY RECOGNIZED VERY YOUNG SUPERNOVA REMNANT IN M83. <i>Astrophysical Journal</i> , 2015, 800, 118.	4.5	17
62	A DEEP <i>XMM-NEWTON</i> SURVEY OF M33: POINT-SOURCE CATALOG, SOURCE DETECTION, AND CHARACTERIZATION OF OVERLAPPING FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 9.	7.7	17
63	The Expansion of the Young Supernova Remnant 0509-68.7 (N103B). <i>Astrophysical Journal Letters</i> , 2018, 865, L13.	8.3	16
64	The First Metallicity Study of M83 Using the Integrated UV Light of Star Clusters. <i>Astrophysical Journal</i> , 2019, 872, 116.	4.5	16
65	FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49. <i>Astronomical Journal</i> , 2004, 128, 1615-1622.	4.7	15
66	The <i>Chandra</i> ACIS Survey of M33 (ChASem33): Investigating the Hot Ionized Medium in NGC 604. <i>Astrophysical Journal</i> , 2008, 685, 919-932.	4.5	15
67	<i>SPITZER</i> IRS OBSERVATIONS OF THE XA REGION IN THE CYGNUS LOOP SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2014, 787, 3.	4.5	15
68	Ion Equilibration and Particle Distributions in a 3000 km s ⁻¹ Shock in SN 1006. <i>Astrophysical Journal</i> , 2017, 851, 12.	4.5	15
69	A New, Deep JVLA Radio Survey of M33. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 37.	7.7	13
70	Far-ultraviolet observations of the supernova remnant N49 using the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1992, 401, 220.	4.5	13
71	Turbulence and Energetic Particles in Radiative Shock Waves in the Cygnus Loop. II. Development of Postshock Turbulence. <i>Astrophysical Journal</i> , 2020, 903, 2.	4.5	13
72	Kinematics: A Clean Diagnostic for Separating Supernova Remnants from H ii Regions in Nearby Galaxies. <i>Astrophysical Journal</i> , 2019, 887, 66.	4.5	12

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73	A new radio catalogue for M83: supernova remnants and H&ii regions. Monthly Notices of the Royal Astronomical Society, 2020, 495, 479-501.	4.4	11
74	First Cospatial Comparison of Stellar, Neutral-gas, and Ionized-gas Metallicities in a Metal-rich Galaxy: M83*. Astrophysical Journal, 2021, 908, 226.	4.5	11
75	The Supernova Remnant Population of NGC 6946 as Observed in [Fe ii] λ 1.644 μ m with HST*. Astrophysical Journal, 2020, 899, 14.	4.5	11
76	The Center of Expansion and Age of the Oxygen-rich Supernova Remnant 1E 0102.2-7219. Astrophysical Journal, 2021, 912, 33.	4.5	10
77	The Masses of Supernova Remnant Progenitors in NGC 6946. Astrophysical Journal, 2021, 916, 58.	4.5	9
78	Far Ultraviolet Spectroscopic Explorer Spectroscopy of the XA Region in the Cygnus Loop Supernova Remnant. Astronomical Journal, 2007, 133, 1383-1392.	4.7	8
79	Supernova Remnants in M83 as Observed with MUSE. Astrophysical Journal, 2022, 929, 144.	4.5	8
80	An updated distance to the Cygnus Loop based on Gaia Early DR3. Monthly Notices of the Royal Astronomical Society, 2021, 507, 244-245.	4.4	7
81	A New Microquasar Candidate in M83. Astrophysical Journal, 2020, 888, 103.	4.5	6
82	Optical Identification and Spectroscopy of Supernova Remnants in the Galaxy M51*. Astrophysical Journal, 2021, 908, 80.	4.5	6
83	SXP 214: AN X-RAY PULSAR IN THE SMALL MAGELLANIC CLOUD, CROSSING THE CIRCUMSTELLAR DISK OF THE COMPANION. Astrophysical Journal, 2016, 826, 4.	4.5	4
84	Locating the CSM Emission within the Type Ia Supernova Remnant N103B. Astrophysical Journal, 2022, 926, 207.	4.5	4
85	Erratum II: "The Magellan/IMACS Catalog of Optical Supernova Remnant Candidates in M83" (2012, ApJS,) Tj ETOq1 1 0,784314	7.7	1
86	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2017, , 2087-2104.		1
87	The hydrogen Balmer lines and jump in absorption in accretion disc modelling " an ultraviolet"optical spectral analysis of the dwarf novae UZ Serpentis and CY Lyrae. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5244-5258.	4.4	1
88	Far-Ultraviolet Observations of Supernova Remnants. International Astronomical Union Colloquium, 1996, 145, 391-397.	0.1	0
89	FUSE Observations of O VI Absorption in the Large Magellanic Cloud. , 2009, , .		0
90	Ablation and Wind Mass-Loading in the Born-Again Planetary Nebula A 30. Proceedings of the International Astronomical Union, 2011, 7, 378-379.	0.0	0

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91	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2016, , 1-18.		0