

William P Blair

List of Publications by Year in descending order

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91
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#	ARTICLE	IF	CITATIONS
1	Locating the CSM Emission within the Type Ia Supernova Remnant N103B. <i>Astrophysical Journal</i> , 2022, 926, 207.	4.5	4
2	Supernova Remnants in M83 as Observed with MUSE. <i>Astrophysical Journal</i> , 2022, 929, 144.	4.5	8
3	First Cospatial Comparison of Stellar, Neutral-gas, and Ionized-gas Metallicities in a Metal-rich Galaxy: M83*. <i>Astrophysical Journal</i> , 2021, 908, 226.	4.5	11
4	Optical Identification and Spectroscopy of Supernova Remnants in the Galaxy M51*. <i>Astrophysical Journal</i> , 2021, 908, 80.	4.5	6
5	The Center of Expansion and Age of the Oxygen-rich Supernova Remnant 1E 0102.2-7219. <i>Astrophysical Journal</i> , 2021, 912, 33.	4.5	10
6	An updated distance to the Cygnus Loop based on Gaia Early DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 244-245.	4.4	7
7	The Masses of Supernova Remnant Progenitors in NGC 6946. <i>Astrophysical Journal</i> , 2021, 916, 58.	4.5	9
8	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5244-5258.	4.4	1
9	A New Microquasar Candidate in M83. <i>Astrophysical Journal</i> , 2020, 888, 103.	4.5	6
10	A new radio catalogue for M83: supernova remnants and H ii regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 479-501.	4.4	11
11	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
12	The Supernova Remnant Population of NGC 6946 as Observed in [Fe ii] λ 1.644 μ m with HST*. <i>Astrophysical Journal</i> , 2020, 899, 14.	4.5	11
13	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
14	The Masses of Supernova Remnant Progenitors in M83. <i>Astrophysical Journal</i> , 2019, 881, 54.	4.5	19
15	A New, Deep JVLA Radio Survey of M33. <i>Astrophysical Journal</i> , Supplement Series, 2019, 241, 37.	7.7	13
16	The First Metallicity Study of M83 Using the Integrated UV Light of Star Clusters [*] . <i>Astrophysical Journal</i> , 2019, 872, 116.	4.5	16
17	A New, Larger Sample of Supernova Remnants in NGC 6946. <i>Astrophysical Journal</i> , 2019, 875, 85.	4.5	19
18	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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19	The Expansion of the Young Supernova Remnant 0509-68.7 (N103B). <i>Astrophysical Journal Letters</i> , 2018, 865, L13.	8.3	16
20	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
21	MMT Spectroscopy of Supernova Remnant Candidates in M33. <i>Astrophysical Journal</i> , 2018, 855, 140.	4.5	24
22	Erratum II: "The Magellan/IMACS Catalog of Optical Supernova Remnant Candidates in M83" (2012, <i>ApJS</i>)	7.7	1
23	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
24	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
25	A Spectroscopic Study of the Rich Supernova Remnant Population in M83. <i>Astrophysical Journal</i> , 2017, 839, 83.	4.5	20
26	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2017, , 2087-2104.		1
27	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
28	SXP 214: AN X-RAY PULSAR IN THE SMALL MAGELLANIC CLOUD, CROSSING THE CIRCUMSTELLAR DISK OF THE COMPANION. <i>Astrophysical Journal</i> , 2016, 826, 4.	4.5	4
29	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
30	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
31	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2016, , 1-18.		0
32	THE SLIM-DISK STATE OF THE ULTRALUMINOUS X-RAY SOURCE IN M83. <i>Astrophysical Journal</i> , 2015, 799, 140.	4.5	18
33	A NEWLY RECOGNIZED VERY YOUNG SUPERNOVA REMNANT IN M83. <i>Astrophysical Journal</i> , 2015, 800, 118.	4.5	17
34	A DEEP XMM-NEWTON 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
35	CARBON, HELIUM, AND PROTON KINETIC TEMPERATURES IN A CYGNUS LOOP SHOCK WAVE. <i>Astrophysical Journal</i> , 2015, 805, 152.	4.5	18
36	A DEEP CHANDRA ACIS SURVEY OF M83. <i>Astrophysical Journal, Supplement Series</i> , 2014, 212, 21.	7.7	53

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37	<i>SPITZER</i>OBSERVATIONS OF THE TYPE IA SUPERNOVA REMNANT N103B: KEPLER'S OLDER COUSIN?. Astrophysical Journal, 2014, 790, 139.	4.5	29
38	<i>SPITZER</i>IRS OBSERVATIONS OF THE XA REGION IN THE CYGNUS LOOP SUPERNOVA REMNANT. Astrophysical Journal, 2014, 787, 3.	4.5	15
39	EXPANSION OF HYDROGEN-POOR KNOTS IN THE BORN-AGAIN PLANETARY NEBULAE A30 AND A78. Astrophysical Journal, 2014, 797, 100.	4.5	26
40	AN EXPANDED<i>HST</i>/WFC3 SURVEY OF M83: PROJECT OVERVIEW AND TARGETED SUPERNOVA REMNANT SEARCH. Astrophysical Journal, 2014, 788, 55.	4.5	44
41	GRAIN DESTRUCTION IN A SUPERNOVA REMNANT SHOCK WAVE. Astrophysical Journal, 2013, 778, 161.	4.5	22
42	THE FIRST REPORTED INFRARED EMISSION FROM THE SN 1006 REMNANT. Astrophysical Journal, 2013, 764, 156.	4.5	21
43	AN ONLINE CATALOG OF CATAclysmic VARIABLE SPECTRA FROM THE <i>FAR-ULTRAVIOLET SPECTROSCOPIC EXPLORER</i>. Astrophysical Journal, Supplement Series, 2012, 203, 29.	7.7	23
44	THE MAGELLAN/IMACS CATALOG OF OPTICAL SUPERNOVA REMNANT CANDIDATES IN M83. Astrophysical Journal, Supplement Series, 2012, 203, 8.	7.7	42
45	DUST IN A TYPE Ia SUPERNOVA PROGENITOR: <i>SPITZER</i>SPECTROSCOPY OF KEPLER'S SUPERNOVA REMNANT. Astrophysical Journal, 2012, 755, 3.	4.5	52
46	RECOVERY OF THE HISTORICAL SN1957D IN X-RAYS WITH<i>CHANDRA</i>. Astrophysical Journal, 2012, 756, 18.	4.5	30
47	THE BIRTH OF AN ULTRALUMINOUS X-RAY SOURCE IN M83. Astrophysical Journal, 2012, 750, 152.	4.5	51
48	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
49	SUPERNOVA REMNANTS AND THE INTERSTELLAR MEDIUM OF M83: IMAGING AND PHOTOMETRY WITH THE WIDE FIELD CAMERA 3 ON THE<i>HUBBLE SPACE TELESCOPE</i>. Astrophysical Journal, 2010, 710, 964-978.	4.5	60
50	DUST DESTRUCTION IN A NON-RADIATIVE SHOCK IN THE CYGNUS LOOP SUPERNOVA REMNANT. Astrophysical Journal, 2010, 712, 1092-1099.	4.5	34
51	THE <i>CHANDRA</i> ACIS SURVEY OF M33: X-RAY, OPTICAL, AND RADIO PROPERTIES OF THE SUPERNOVA REMNANTS. Astrophysical Journal, Supplement Series, 2010, 187, 495-559.	7.7	90
52	<i>FAR ULTRAVIOLET SPECTROSCOPIC EXPLORER</i>OBSERVATIONS OF KPD 2055+3111, A STAR BEHIND THE CYGNUS LOOP. Astrophysical Journal, 2009, 692, 335-345.	4.5	25
53	<i>SPITZER</i>SPECTROSCOPY OF THE GALACTIC SUPERNOVA REMNANT G292.0+1.8: STRUCTURE AND COMPOSITION OF THE OXYGEN-RICH EJECTA. Astrophysical Journal, 2009, 696, 1307-1318.	4.5	17
54	FUSE Observations of O VI Absorption in the Large Magellanic Cloud. , 2009, , .		0

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55	The Chandra ACIS Survey of M33 (ChASem33): Investigating the Hot Ionized Medium in NGC 604. <i>Astrophysical Journal</i> , 2008, 685, 919-932.	4.5	15
56	Chandra ACIS Survey of M33 (ChASem33): A First Look. <i>Astrophysical Journal, Supplement Series</i> , 2008, 174, 366-378.	7.7	38
57	The Detection of Far-Ultraviolet Line Emission from Balmer-Dominated Supernova Remnants in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2007, 664, 304-321.	4.5	35
58	Far Ultraviolet Spectroscopic Explorer Spectroscopy of the XA Region in the Cygnus Loop Supernova Remnant. <i>Astronomical Journal</i> , 2007, 133, 1383-1392.	4.7	8
59	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
60	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
61	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
62	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
63	An Optical Survey of Supernova Remnants in M83. <i>Astrophysical Journal, Supplement Series</i> , 2004, 155, 101-121.	7.7	55
64	FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49. <i>Astronomical Journal</i> , 2004, 128, 1615-1622.	4.7	15
65	Far-Ultraviolet Spectra of a Nonradiative Shock Wave in the Cygnus Loop. <i>Astrophysical Journal</i> , 2003, 584, 770-781.	4.5	43
66	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
67	[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
68	A Detailed Analysis of a Cygnus Loop Shock-Cloud Interaction. <i>Astronomical Journal</i> , 2001, 122, 938-953.	4.7	33
69	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
70	[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
71	Evidence for Shock Precursors in Tycho's Supernova Remnant. <i>Astrophysical Journal</i> , 2000, 535, 266-274.	4.5	78
72	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

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73	Distance to the Cygnus Loop from [ITAL]HUBBLE SPACE TELESCOPE[/ITAL] [ITAL]Hubble Space Telescope[/ITAL] Imaging of the Primary Shock Front. <i>Astronomical Journal</i> , 1999, 118, 942-947.	4.7	60
74	A New Optical Sample of Supernova Remnants in M33. <i>Astrophysical Journal, Supplement Series</i> , 1998, 117, 89-133.	7.7	71
75	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
76	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
77	Far-Ultraviolet Observations of Supernova Remnants. <i>International Astronomical Union Colloquium</i> , 1996, 145, 391-397.	0.1	0
78	Electron Equilibration in Nonradiative Shocks Associated with SN 1006. <i>Astrophysical Journal</i> , 1996, 472, 267-274.	4.5	112
79	On the Proximity 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
80	Detection of Ultraviolet Emission Lines in SN 1006 with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1995, 454, .	4.5	52
81	The Balmer-dominated northeast limb of the Cygnus loop supernova remnant. <i>Astrophysical Journal</i> , 1994, 420, 721.	4.5	148
82	Observations of the bright novalike variable IX Velorum with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1994, 426, 704.	4.5	49
83	The optical counterpart to the luminous X-ray supernova remnant in NGC 6946. <i>Astrophysical Journal</i> , 1994, 424, L103.	4.5	23
84	Optical emission-line properties of M33 supernova remnants. <i>Astrophysical Journal</i> , 1993, 407, 564.	4.5	55
85	A multiwavelength study of the supernova remnant N49 in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 1992, 394, 158.	4.5	74
86	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
87	Far-ultraviolet observations of the supernova remnant N49 using the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1992, 401, 220.	4.5	13
88	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
89	An atlas of confirmed and candidate supernova remnants in M33. <i>Astrophysical Journal, Supplement Series</i> , 1990, 72, 61.	7.7	39
90	The ultraviolet spectrum of an oxygen-rich supernova remnant in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 1989, 338, 812.	4.5	26

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91	Discovery of optical emission from the remnant of SN 1957D in M83. <i>Astrophysical Journal</i> , 1989, 340, L25.	4.5	31