

William Alston

List of Publications by Year in descending order

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46
papers

1,631
citations

331670

21
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a compact object in the aftermath of the extragalactic transient AT2018cow. <i>Nature Astronomy</i> , 2022, 6, 249-258.	10.1	23
2	High-density disc reflection spectroscopy of low-mass active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4361-4379.	4.4	7
3	Ejectionâ€™accretion connection in NLS1 AGN 1H 1934-063. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1910-1924.	4.4	6
4	<i>XMM-Newton</i> observations of the narrow-line Seyfert 1 galaxy IRAS 13224+3809: X-ray spectral analysis II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1107-1121.	4.4	10
5	Discovery of soft and hard X-ray time lags in low-mass AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3775-3783.	4.4	6
6	Quasi-periodic dipping in the ultraluminous X-ray source, NGC 247 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3722-3729.	4.4	17
7	NuSTAR reveals the hidden nature of SS433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1045-1058.	4.4	20
8	Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes. <i>Astrophysical Journal</i> , 2021, 914, 144.	4.5	12
9	<i>XMM-Newton</i> campaign on the ultraluminous X-ray source NGC 247 ULX-1: outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5058-5074.	4.4	37
10	Extreme relativistic reflection in the active galaxy ESO 033-G002. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1557-1572.	4.4	5
11	The Chameleon on the branches: spectral state transition and dips in NGC 247 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5567-5579.	4.4	11
12	The nature of the extreme X-ray variability in the NLS1 1H 0707-495. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1798-1816.	4.4	20
13	Broadband X-ray spectral variability of the pulsing ULX NGC 1313 X-2. <i>Astronomy and Astrophysics</i> , 2021, 652, A118.	5.1	10
14	The first broad-band X-ray view of the narrow-line Seyfert 1 Ton S180. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2352-2370.	4.4	17
15	A full characterization of the supermassive black hole in IRAS 09149+6206. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1480-1498.	4.4	14
16	The unusual broad-band X-ray spectral variability of NGC 1313 X-1 seen with <i>XMM-Newton</i> , <i>Chandra</i> , and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6012-6029.	4.4	32
17	Characterizing continuum variability in the radio-loud narrow-line Seyfert 1 galaxy IRAS 17020+4544. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3708-3724.	4.4	2
18	Detection of a possible multiphase ultra-fast outflow in IRAS 13349+2438 with <i>NuSTAR</i> and <i>XMM-Newton</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 498, L140-L144.	3.3	9

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19	<i>XMM-Newton</i> campaign on ultraluminous X-ray source NGC 1313 X-1: wind versus state variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4646-4665.	4.4	31
20	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. <i>Nature Astronomy</i> , 2020, 4, 597-602.	10.1	70
21	Discovery of a soft X-ray lag in the ultraluminous X-ray source NGC 1313 X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5172-5178.	4.4	20
22	Blueshifted absorption lines from X-ray reflection in IRAS 13224+3809. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2518-2522.	4.4	14
23	Modelling X-ray RMS spectra I: intrinsically variable AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1363-1369.	4.4	19
24	Searching for ultra-fast outflows in AGN using variability spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1088-1108.	4.4	30
25	Modelling X-ray RMS spectra II: the ultrafast outflow of PDS 456. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4506-4513.	4.4	5
26	The discovery of weak coherent pulsations in the ultraluminous X-ray source NGC 1313 X-2. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L35-L40.	3.3	107
27	Non-stationary variability in accreting compact objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 260-265.	4.4	20
28	The remarkable X-ray variability of IRAS 13224+3809 I. The variability process. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2088-2106.	4.4	56
29	Is there a UV/X-ray connection in IRAS 13224+3809?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2306-2313.	4.4	19
30	The 1.5Ms observing campaign on IRAS 13224+3809 I. X-ray spectral analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3711-3726.	4.4	71
31	The response of relativistic outflowing gas to the inner accretion disk of a black hole. <i>Nature</i> , 2017, 543, 83-86.	27.8	110
32	Future of X-ray reverberation from AGN. <i>Astronomische Nachrichten</i> , 2017, 338, 269-273.	1.2	7
33	Revealing the ultrafast outflow in IRAS 13224+3809 through spectral variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1553-1558.	4.4	48
34	Ultraviolet and X-ray variability of active galactic nuclei with <i>Swift</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3194-3218.	4.4	52
35	Quasi periodic oscillations in active galactic nuclei. <i>Astronomische Nachrichten</i> , 2016, 337, 417-422.	1.2	6
36	A global look at X-ray time lags in Seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 511-531.	4.4	162

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37	False periodicities in quasar time-domain surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3145-3152.	4.4	164
38	Discovery of an $\sim 1/42$ -h high-frequency X-ray QPO and iron $K\alpha$ reverberation in the active galaxy MS 2254.9 $^{\circ}$ 3712. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 467-476.	4.4	54
39	<i>NuSTAR</i> AND <i>SUZAKU</i> OBSERVATIONS OF THE HARD STATE IN CYGNUS X-1: LOCATING THE INNER ACCRETION DISK. <i>Astrophysical Journal</i> , 2015, 808, 9.	4.5	105
40	A non-thermal study of the brightest cluster galaxy NGC 1275 – the Gamma-Radio connection over four decades. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2048-2057.	4.4	36
41	X-ray time delays in the narrow line Seyfert 1 galaxy PG 1244+026. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1548-1555.	4.4	33
42	X-ray time delays from the Seyfert 2 galaxy IRAS 18325 $^{\circ}$ 5926. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3229-3238.	4.4	8
43	Detection of a QPO in five <i>XMM-Newton</i> observations of RE J1034+396. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L16-L20.	3.3	39
44	Ultraviolet and X-ray variability of NGC 4051 over 45 days with <i>XMM-Newton</i> and <i>Swift</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 75-84.	4.4	24
45	The flux-dependent X-ray time lags in NGC 4051. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1511-1519.	4.4	41
46	A high-density relativistic reflection origin for the soft and hard X-ray excess emission from Mrk 1044. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	22