

David Harris

List of Publications by Year in descending order

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32
papers

2,211
citations

304743

22
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	[ITAL]Chandra[/ITAL] X-Ray Observations of the Hydra A Cluster: An Interaction between the Radio Source and the X-Ray-emitting Gas. <i>Astrophysical Journal</i> , 2000, 534, L135-L138.	4.5	537
2	An X-Ray Study of Magnetic Field Strengths and Particle Content in the Lobes of FR II Radio Sources. <i>Astrophysical Journal</i> , 2005, 626, 733-747.	4.5	261
3	[ITAL]Chandra[/ITAL] Discovery of a 100 kiloparsec X-Ray Jet in PKS 0637+752. <i>Astrophysical Journal</i> , 2000, 540, L69-L72.	4.5	173
4	X-Ray Emission Processes in Radio Jets. <i>Astrophysical Journal</i> , 2002, 565, 244-255.	4.5	160
5	X-ray emission from the radio hotspots of Cygnus A. <i>Nature</i> , 1994, 367, 713-716.	27.8	117
6	Structure of the X-Ray Emission from the Jet of 3C 273. <i>Astrophysical Journal</i> , 2001, 549, L167-L171.	4.5	116
7	Chandra Discovery of a 300 Kiloparsec X-Ray Jet in the Gigahertz-peaked Spectrum Quasar PKS 1127+145. <i>Astrophysical Journal</i> , 2002, 570, 543-556.	4.5	95
8	New Chandra Observations of the Jet in 3C 273. I. Softer X-Ray than Radio Spectra and the X-Ray Emission Mechanism. <i>Astrophysical Journal</i> , 2006, 648, 900-909.	4.5	94
9	The 300 kpc Long X-Ray Jet in PKS 1127+145, z= 1.18 Quasar: Constraining X-Ray Emission Models. <i>Astrophysical Journal</i> , 2007, 657, 145-158.	4.5	67
10	CHANDRA OBSERVATIONS OF 3C RADIO SOURCES WITH $z < 0.3$: NUCLEI, DIFFUSE EMISSION, JETS, AND HOTSPOTS. <i>Astrophysical Journal</i> , 2010, 714, 589-604.	4.5	61
11	LARGE-SCALE EXTRAGALACTIC JETS IN THE CHANDRA ERA. I. DATA REDUCTION AND ANALYSIS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 24.	7.7	52
12	CHANDRA OBSERVATIONS OF 3C RADIO SOURCES WITH $z < 0.3$. II. COMPLETING THE SNAPSHOT SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 31.	7.7	52
13	THE CHANDRA SURVEY OF EXTRAGALACTIC SOURCES IN THE 3CR CATALOG: X-RAY EMISSION FROM NUCLEI, JETS, AND HOTSPOTS IN THE CHANDRA ARCHIVAL OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 5.	7.7	49
14	The nature of the jet-driven outflow in the radio galaxy 3C 305. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1774-1789.	4.4	48
15	A CHANDRA SNAPSHOT SURVEY FOR 3C RADIO GALAXIES WITH REDSHIFTS BETWEEN 0.3 AND 0.5. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 7.	7.7	40
16	Chandra Reveals Twin X-Ray Jets in the Powerful FR II Radio Galaxy 3C 353. <i>Astrophysical Journal</i> , 2008, 685, 839-857.	4.5	35
17	THE JET OF 3C 17 AND THE USE OF JET CURVATURE AS A DIAGNOSTIC OF THE X-RAY EMISSION PROCESS. <i>Astrophysical Journal</i> , 2009, 696, 980-985.	4.5	31
18	The 3CR Chandra Snapshot Survey: Extragalactic Radio Sources with $0.5 < z < 1.0$. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 7.	7.7	31

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19	X-ray emission from the extended emission-line region of the powerful radio galaxy 3C 171. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2697-2705.	4.4	26
20	DISCOVERY OF A KILOPARSEC-SCALE X-RAY/RADIO JET IN THE $z = 4.72$ QUASAR GB 1428+4217. Astrophysical Journal Letters, 2012, 756, L20.	8.3	26
21	The 3CR Chandra Snapshot Survey: Extragalactic Radio Sources with Redshifts between 1 and 1.5. Astrophysical Journal, Supplement Series, 2018, 235, 32.	7.7	26
22	DETECTING RELATIVISTIC X-RAY JETS IN HIGH-REDSHIFT QUASARS. Astrophysical Journal, 2016, 833, 123.	4.5	24
23	Completing the 3CR Chandra Snapshot Survey: Extragalactic Radio Sources at High Redshift. Astrophysical Journal, Supplement Series, 2020, 250, 7.	7.7	16
24	<i>Swift</i> observations of unidentified radio sources in the revised Third Cambridge Catalogue. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3829-3837.	4.4	13
25	Novel Analysis of the Multiwavelength Structure of the Relativistic Jet in Quasar 3C 273. Astrophysical Journal, 2017, 844, 11.	4.5	12
26	A Multi-band Study of the Remarkable Jet in Quasar 4C+19.44. Astrophysical Journal, 2017, 846, 119.	4.5	11
27	Deep Hubble space telescope ultraviolet imaging of the M87 jet. Astrophysics and Space Science, 2007, 311, 329-333.	1.4	9
28	Constraints on the average magnetic field strength of relic radio sources 0917+75 and 1401+33 from XMM-Newton observations. Monthly Notices of the Royal Astronomical Society, 2007, 383, 1259-1268.	4.4	8
29	LOFAR Observations of 4C+19.44: On the Discovery of Low-frequency Spectral Curvature in Relativistic Jet Knots. Astrophysical Journal, 2019, 873, 21.	4.5	8
30	The X-ray jet and lobes of PKS 1354+195 (=4C 19.44). Astrophysics and Space Science, 2007, 311, 341-345.	1.4	7
31	Hidden Treasures in the Unknown 3CR Extragalactic Radio Sky: A Multiwavelength Approach. Astrophysical Journal, Supplement Series, 2021, 255, 18.	7.7	6
32	The 3C Chandra snapshot survey. Proceedings of the International Astronomical Union, 2014, 10, 305-306.	0.0	0