

Jeroen Homan

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,291
citations

159585

30
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

1589
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	A Multiwavelength Study of GRS 1716-249 in Outburst: Constraints on Its System Parameters. <i>Astrophysical Journal</i> , 2022, 932, 38.	4.5	9
3	A “Hyperburst” in the MAXI J0556-332 Neutron Star: Evidence for a New Type of Thermonuclear Explosion. <i>Astrophysical Journal</i> , 2022, 933, 216.	4.5	7
4	Disk, Corona, Jet Connection in the Intermediate State of MAXI J1820+070 Revealed by NICER Spectral-timing Analysis. <i>Astrophysical Journal Letters</i> , 2021, 910, L3.	8.3	57
5	On the Impact of an Intermediate Duration X-Ray Burst on the Accretion Environment in IGR J17062-6143. <i>Astrophysical Journal</i> , 2021, 920, 59.	4.5	11
6	Relativistic X-Ray Jets from the Black Hole X-Ray Binary MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2020, 895, L31.	8.3	31
7	A Rapid Change in X-Ray Variability and a Jet Ejection in the Black Hole Transient MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2020, 891, L29.	8.3	50
8	Multiwavelength Follow-up of the Hyperluminous Intermediate-mass Black Hole Candidate 3XMM J215022.4-055108. <i>Astrophysical Journal Letters</i> , 2020, 892, L25.	8.3	28
9	Relativistic Reflection and Reverberation in GX 339-4 with NICER and NuSTAR. <i>Astrophysical Journal</i> , 2020, 899, 44.	4.5	24
10	NICER Observation of Unusual Burst Oscillations in 4U 1728-34. <i>Astrophysical Journal</i> , 2019, 878, 145.	4.5	7
11	A loud quasi-periodic oscillation after a star is disrupted by a massive black hole. <i>Science</i> , 2019, 363, 531-534.	12.6	51
12	Thermal Emission in the Quiescent Neutron Star SAX J1810.8-2609. <i>Astrophysical Journal</i> , 2018, 854, 58.	4.5	5
13	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535-571. <i>Astrophysical Journal</i> , 2018, 867, 114.	4.5	20
14	The Disk Wind in the Neutron Star Low-mass X-Ray Binary GX 13+1. <i>Astrophysical Journal</i> , 2018, 861, 26.	4.5	17
15	Absence of Reflection Features in NuSTAR Spectra of the Luminous Neutron Star X-Ray Binary CX 5-1. <i>Astrophysical Journal</i> , 2018, 853, 157.	4.5	14
16	NICER Detects a Soft X-Ray Kilohertz Quasi-periodic Oscillation in 4U 0614+09. <i>Astrophysical Journal Letters</i> , 2018, 860, L9.	8.3	11
17	A NICER Look at the Aql X-1 Hard State. <i>Astrophysical Journal Letters</i> , 2018, 859, L1.	8.3	13
18	A luminous X-ray outburst from an intermediate-mass black hole in an off-centre star cluster. <i>Nature Astronomy</i> , 2018, 2, 656-661.	10.1	96

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19	ON THE ORIGIN OF THE NEAR-INFRARED EMISSION FROM THE NEUTRON-STAR LOW-MASS X-RAY BINARY GX 9+1*. <i>Astrophysical Journal</i> , 2017, 834, 71.	4.5	3
20	Different Accretion Heating of the Neutron Star Crust during Multiple Outbursts in MAXI J0556â€“332. <i>Astrophysical Journal Letters</i> , 2017, 851, L28.	8.3	24
21	FERMI GBM OBSERVATIONS OF V404 CYG DURING ITS 2015 OUTBURST. <i>Astrophysical Journal</i> , 2016, 826, 37.	4.5	21
22	DISCOVERY OF THE CANDIDATE OFF-NUCLEAR ULTRASOFT HYPER-LUMINOUS X-RAY SOURCE 3XMM J141711.1+522541. <i>Astrophysical Journal</i> , 2016, 821, 25.	4.5	18
23	THE THERMAL STATE OF KS 1731âˆ“260 AFTER 14.5 YEARS IN QUIESCENCE. <i>Astrophysical Journal</i> , 2016, 833, 186.	4.5	31
24	EVIDENCE FOR SIMULTANEOUS JETS AND DISK WINDS IN LUMINOUS LOW-MASS X-RAY BINARIES. <i>Astrophysical Journal Letters</i> , 2016, 830, L5.	8.3	67
25	COMMON PATTERNS IN THE EVOLUTION BETWEEN THE LUMINOUS NEUTRON STAR LOW-MASS X-RAY BINARY SUBCLASSES. <i>Astrophysical Journal</i> , 2015, 809, 52.	4.5	25
26	A STRONGLY HEATED NEUTRON STAR IN THE TRANSIENT Z SOURCE MAXI J0556-332. <i>Astrophysical Journal</i> , 2014, 795, 131.	4.5	52
27	DISCOVERY OF THE NEAR-INFRARED COUNTERPART TO THE LUMINOUS NEUTRON-STAR LOW-MASS X-RAY BINARY GX 3+1. <i>Astrophysical Journal</i> , 2014, 793, 128.	4.5	12
28	A HYBRID MAGNETICALLY/THERMALLY DRIVEN WIND IN THE BLACK HOLE GRO J1655â€“40?. <i>Astrophysical Journal</i> , 2012, 750, 27.	4.5	68
29	THE VARIABLE QUIESCENT X-RAY EMISSION OF THE TRANSIENT NEUTRON STAR XTE J1701â€“462. <i>Astrophysical Journal</i> , 2011, 736, 162.	4.5	68
30	RAPID COOLING OF THE NEUTRON STAR IN THE QUIESCENT SUPER-EDDINGTON TRANSIENT XTE J1701â€“462. <i>Astrophysical Journal</i> , 2010, 714, 270-286.	4.5	63
31	XTE J1701â€“462 AND ITS IMPLICATIONS FOR THE NATURE OF SUBCLASSES IN LOW-MAGNETIC-FIELD NEUTRON STAR LOW-MASS X-RAY BINARIES. <i>Astrophysical Journal</i> , 2010, 719, 201-212.	4.5	104
32	SPECTRAL STATES OF XTE J1701 â€“ 462: LINK BETWEEN Z AND ATOLL SOURCES. <i>Astrophysical Journal</i> , 2009, 696, 1257-1277.	4.5	121
33	A VARIABLE NEAR-INFRARED COUNTERPART TO THE NEUTRON-STAR LOW-MASS X-RAY BINARY 4U 1705 â€“ 440. <i>Astrophysical Journal</i> , 2009, 692, 73-80.	4.5	12
34	TYPE I X-RAY BURSTS FROM THE NEUTRON-STAR TRANSIENT XTE J1701â€“462. <i>Astrophysical Journal</i> , 2009, 699, 60-65.	4.5	35
35	Luminosity Dependence of the Electron Temperature in the Bright Hard State of the Black Hole Candidate GX 339â€“4. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, 637-651.	2.5	40
36	Diskâ€“dominated States of 4U 1957+11: <i>Chandra</i>, <i>XMMâ€“Newton</i>, and <i>RXTE</i> Observations of Ostensibly the Most Rapidly Spinning Galactic Black Hole. <i>Astrophysical Journal</i> , 2008, 689, 1199-1214.	4.5	37

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37	Relativistic Iron Emission Lines in Neutron Star Low-Mass X-Ray Binaries as Probes of Neutron Star Radii. <i>Astrophysical Journal</i> , 2008, 674, 415-420.	4.5	122
38	Evaluating Spectral Models and the X-Ray States of Neutron Star X-Ray Transients. <i>Astrophysical Journal</i> , 2007, 667, 1073-1086.	4.5	169
39	A Precessing Ring Model for Low-Frequency Quasi-Periodic Oscillations. <i>Astrophysical Journal</i> , 2006, 642, 420-426.	4.5	90
40	Cooling of the quasi-persistent neutron star X-ray transients KS 1731-260 and MXB 1659-29. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 479-488.	4.4	98
41	The magnetic nature of disk accretion onto black holes. <i>Nature</i> , 2006, 441, 953-955.	27.8	225
42	Chandra Observations of the Accretion-Driven Millisecond X-Ray Pulsars XTE J0929 ⁺ 314 and XTE J1751 ⁺ 305 in Quiescence. <i>Astrophysical Journal</i> , 2005, 619, 492-502.	4.5	38
43	Multiwavelength Observations of the 2002 Outburst of GX 339 ⁺ 4: Two Patterns of X-Ray-Optical/Near-Infrared Behavior. <i>Astrophysical Journal</i> , 2005, 624, 295-306.	4.5	154
44	The Evolution of Black Hole States. <i>Astrophysics and Space Science</i> , 2005, 300, 107-117.	1.4	317
45	Monitoring Chandra Observations of the Quasi-persistent Neutron Star X-Ray Transient MXB 1659-29 in Quiescence: The Cooling Curve of the Heated Neutron Star Crust. <i>Astrophysical Journal</i> , 2004, 606, L61-L64.	4.5	66
46	A Chandra Observation of the Neutron Star X-Ray Transient and Eclipsing Binary MXB 1659 ⁺ 29 in Quiescence. <i>Astrophysical Journal</i> , 2003, 594, 952-960.	4.5	54
47	High-Frequency Quasi-Periodic Oscillations in the Black Hole X-Ray Transient XTE J1650 ⁺ 500. <i>Astrophysical Journal</i> , 2003, 586, 1262-1267.	4.5	68
48	Correlated X-Ray Spectral and Timing Behavior of the Black Hole Candidate XTE J1550 ⁺ 564: A New Interpretation of Black Hole States. <i>Astrophysical Journal</i> , Supplement Series, 2001, 132, 377-402.	7.7	412
49	The Complex Phase-Lag Behavior of the 3 ⁺ 12 H[CLC]z[/CLC] Quasi-Periodic Oscillations during the Very High State of XTE J1550 ⁺ 564. <i>Astrophysical Journal</i> , 1999, 526, L33-L36.	4.5	163
50	Discovery of a 57 ⁺ 69 H[CLC]z[/CLC] Quasi-periodic Oscillation in GX 13+1. <i>Astrophysical Journal</i> , 1998, 499, L41-L44.	4.5	40