

Jakob van den Eijnden

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

852
citations

471509

17
h-index

501196

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39
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39
docs citations

39
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	A <i>Swift</i> study of long-term changes in the X-ray flaring properties of Sagittarius A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2851-2863.	4.4	6
2	Radio detections of IR-selected runaway stellar bow shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5374-5389.	4.4	3
3	A persistent ultraviolet outflow from an accreting neutron star binary transient. <i>Nature</i> , 2022, 603, 52-57.	27.8	24
4	Long-term radio monitoring of the neutron star X-ray binary <i>Swift</i> J1858.6+0814. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2708-2718.	4.4	4
5	A Misfired Outburst in the Neutron Star X-Ray Binary Centaurus X-4. <i>Astrophysical Journal</i> , 2022, 930, 20.	4.5	6
6	Discovery of a radio-emitting neutron star with an ultra-long spin period of 76 ms. <i>Nature Astronomy</i> , 2022, 6, 828-836.	10.1	63
7	Detection of two bright radio bursts from magnetar SGR 1935 + 2154. <i>Nature Astronomy</i> , 2021, 5, 414-422.	10.1	77
8	Dips and eclipses in the X-ray binary <i>Swift</i> J1858.6+0814 observed with <i>NICER</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5600-5610.	4.4	15
9	The evolving radio jet from the neutron star X-ray binary 4U 1820+30. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 508, L6-L11.	3.3	10
10	A new radio census of neutron star X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3899-3922.	4.4	37
11	Constraining the properties of dense neutron star cores: the case of the low-mass X-ray binary HETE J1900.1+2455. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 882-894.	4.4	7
12	Revisiting the archetypical wind accretor Vela X-1 in depth. <i>Astronomy and Astrophysics</i> , 2021, 652, A95.	5.1	21
13	Disc jet coupling changes as a possible indicator for outbursts from GX 339+4 remaining within the X-ray hard state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 521-540.	4.4	9
14	MeerKAT discovery of radio emission from the Vela X-1 bow shock. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 515-530.	4.4	8
15	Rapid compact jet quenching in the Galactic black hole candidate X-ray binary MAXI J1535+571. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5772-5785.	4.4	24
16	Eclipses of jets and discs of X-ray binaries as a powerful tool for understanding jet physics and binary parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 957-973.	4.4	6
17	Soft X-ray emission lines in the X-ray binary <i>Swift</i> J1858.6+0814 observed with XMM-Newton Reflection Grating Spectrometer: disc atmosphere or wind?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 68-76.	4.4	9
18	The Changing-look Optical Wind of the Flaring X-Ray Transient <i>Swift</i> J1858.6-0814. <i>Astrophysical Journal Letters</i> , 2020, 893, L19.	8.3	22

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19	The variable radio counterpart of <i>Swift</i> J1858.6-0814. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4127-4140.	4.4	15
20	Radio and X-ray monitoring of the accreting millisecond X-ray pulsar IGR J17591+2342 in outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1091-1101.	4.4	17
21	The connection between the UV/optical and X-ray emission in the neutron star low-mass X-ray binary Aql X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 940-951.	4.4	9
22	A strongly changing accretion morphology during the outburst decay of the neutron star X-ray binary 4U 1608+52. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1318-1327.	4.4	7
23	Recurrent low-level luminosity behaviour after a giant outburst in the Be/X-ray transient 4U 0115+63. <i>Astronomy and Astrophysics</i> , 2020, 638, A152.	5.1	1
24	Chandra reveals a possible ultrafast outflow in the super-Eddington Be/X-ray binary Swift J0243.6+6124. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4355-4371.	4.4	22
25	Diskâ€“Jet Coupling in the 2017/2018 Outburst of the Galactic Black Hole Candidate X-Ray Binary MAXI J1535+571. <i>Astrophysical Journal</i> , 2019, 883, 198.	4.5	67
26	Multiwavelength characterization of the accreting millisecond X-ray pulsar and ultracompact binary IGR J17062+6143. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4596-4606.	4.4	15
27	A systematic study of the phase difference between QPO harmonics in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3834-3844.	4.4	18
28	A re-establishing jet during an X-ray re-brightening of the Be/X-ray binary Swift J0243.6+6124. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4628-4638.	4.4	15
29	Discovery of radio emission from the symbiotic X-ray binary system GX 1+4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 474, L91-L95.	3.3	9
30	The very faint X-ray binary IGR J17062-6143: a truncated disc, no pulsations, and a possible outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2027-2044.	4.4	30
31	Radio emission from the X-ray pulsar Her X-1: a jet launched by a strong magnetic field neutron star?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L141-L145.	3.3	10
32	The Radio-bright Accreting Millisecond X-Ray Pulsar IGR J17591-2342. <i>Astrophysical Journal Letters</i> , 2018, 869, L16.	8.3	29
33	An evolving jet from a strongly magnetized accreting X-ray pulsar. <i>Nature</i> , 2018, 562, 233-235.	27.8	60
34	A NICER Discovery of a Low-frequency Quasi-periodic Oscillation in the Soft-intermediate State of MAXI J1535+571. <i>Astrophysical Journal Letters</i> , 2018, 865, L15.	8.3	36
35	Discovery of accretion-driven pulsations in the prolonged low X-ray luminosity state of the Be/X-ray transient GX 304+1. <i>Astronomy and Astrophysics</i> , 2018, 620, L13.	5.1	8
36	A strongly truncated inner accretion disc in the Rapid Burster. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L98-L102.	3.3	19

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37	Inclination dependence of QPO phase lags in black hole X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2643-2659.	4.4	79
38	Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3655-3666.	4.4	35