

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

28
g-index

39
all docs

39
docs citations

39
times ranked

1103
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Inclination dependence of QPO phase lags in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2643-2659. | 4.4 | 79 |
| 2 | Detection of two bright radio bursts from magnetar SGR 1935 + 2154. <i>Nature Astronomy</i> , 2021, 5, 414-422. | 10.1 | 77 |
| 3 | Diskâ€“Jet Coupling in the 2017/2018 Outburst of the Galactic Black Hole Candidate X-Ray Binary MAXI J1535â€“571. <i>Astrophysical Journal</i> , 2019, 883, 198. | 4.5 | 67 |
| 4 | Discovery of a radio-emitting neutron star with an ultra-long spin period of 76â€“s. <i>Nature Astronomy</i> , 2022, 6, 828-836. | 10.1 | 63 |
| 5 | An evolving jet from a strongly magnetized accreting X-ray pulsar. <i>Nature</i> , 2018, 562, 233-235. | 27.8 | 60 |
| 6 | 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 |
| 7 | A NICER Discovery of a Low-frequency Quasi-periodic Oscillation in the Soft-intermediate State of MAXI J1535â€“571. <i>Astrophysical Journal Letters</i> , 2018, 865, L15. | 8.3 | 36 |
| 8 | Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3655-3666. | 4.4 | 35 |
| 9 | 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 |
| 10 | The Radio-bright Accreting Millisecond X-Ray Pulsar IGR J17591-2342. <i>Astrophysical Journal Letters</i> , 2018, 869, L16. | 8.3 | 29 |
| 11 | Rapid compact jet quenching in the Galactic black hole candidate X-ray binary MAXI J1535â€“571. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5772-5785. | 4.4 | 24 |
| 12 | A persistent ultraviolet outflow from an accreting neutron star binary transient. <i>Nature</i> , 2022, 603, 52-57. | 27.8 | 24 |
| 13 | 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 |
| 14 | The Changing-look Optical Wind of the Flaring X-Ray Transient Swift J1858.6-0814. <i>Astrophysical Journal Letters</i> , 2020, 893, L19. | 8.3 | 22 |
| 15 | Revisiting the archetypical wind accretor Vela X-1 in depth. <i>Astronomy and Astrophysics</i> , 2021, 652, A95. | 5.1 | 21 |
| 16 | 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 |
| 17 | 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 |
| 18 | Radio and X-ray monitoring of the accreting millisecond X-ray pulsar IGR J17591â€“2342 in outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1091-1101. | 4.4 | 17 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Dips and eclipses in the X-ray binary Swift J1858.6-0814 observed with <i>NICER</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5600-5610. | 4.4 | 15 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Soft X-ray emission lines in the X-ray binary Swift 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | A Misfired Outburst in the Neutron Star X-Ray Binary Centaurus X-4. <i>Astrophysical Journal</i> , 2022, 930, 20. | 4.5 | 6 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Radio detections of IR-selected runaway stellar bow shocks. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5374-5389. | 4.4 | 3 |
| 38 | Recurrent low-level luminosity behaviour after a giant outburst in the Be/X-ray transient 4U 0115+63. Astronomy and Astrophysics, 2020, 638, A152. | 5.1 | 1 |