Matthias Bissinger

List of Publications by Year
in descending order

34	697	516710 16	552781 26
papers	citations	h-index	g-index

34	34	34	911
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. Astrophysical Journal, 2021, 911, 48.	4.5	11
2	Fitting strategies of accretion column models and application to the broadband spectrum of Cen X-3. Astronomy and Astrophysics, 2021, 656, A105.	5.1	9
3	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. Astrophysical Journal, 2021, 920, 50.	4.5	6
4	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. Computer Physics Communications, 2020, 256, 107477.	7.5	14
5	The Control Unit of the KM3NeT Data Acquisition System. Computer Physics Communications, 2020, 256, 107433.	7.5	8
6	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. Journal of Instrumentation, 2020, 15, P10005-P10005.	1.2	15
7	The giant outburst of 4U 0115+634 in 2011 with Suzaku and RXTE. Astronomy and Astrophysics, 2020, 634, A99.	5.1	7
8	High Resolution Photoexcitation Measurements Exacerbate the Long-Standing Fe XVII Oscillator Strength Problem. Physical Review Letters, 2020, 124, 225001.	7.8	25
9	High-resolution X-ray spectroscopy of the stellar wind in Vela X-1 during a flare. Astronomy and Astrophysics, 2020, 641, A144.	5.1	13
10	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. Astrophysical Journal, 2020, 892, 92.	4.5	25
11	Dust and gas absorption in the high mass X-ray binary IGR J16318â^'4848. Astronomy and Astrophysics, 2020, 641, A65.	5.1	0
12	Spectral and Timing Analysis of the Accretion-powered Pulsar 4U 1626â€“67 Observed with Suzaku and NuSTAR. Astrophysical Journal, 2019, 878, 121.	4.5	20
13	Variability in highâ€mass Xâ€ray binaries. Astronomische Nachrichten, 2019, 340, 323-328.	1.2	1
14	The First NuSTAR Observation of 4U 1538â€“522: Updated Orbital Ephemeris and a Strengthened Case for an Evolving Cyclotron Line Energy. Astrophysical Journal, 2019, 873, 62.	4.5	14
15	KM3NeT front-end and readout electronics system: hardware, firmware, and software. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	18
16	Towards a Unified View of Inhomogeneous Stellar Winds in Isolated Supergiant Stars and Supergiant High Mass X-Ray Binaries. Space Science Reviews, 2017, 212, 59-150.	8.1	86
17	Discovery and modelling of a flattening of the positive cyclotron line/luminosity relation in GX 304â^'1 withRXTE. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2752-2779.	4.4	31
18	A precessing Be disc as a possible model for occultation events in GX 304â^'1. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1553-1564.	4.4	7

#	Article	IF	Citations
19	The clumpy absorber in the high-mass X-ray binary Vela X-1. Astronomy and Astrophysics, 2017, 608, A143.	5.1	34
20	Evidence for different accretion regimes in GRO J1008â^'57. Astronomy and Astrophysics, 2017, 607, A88.	5.1	15
21	Studying the accretion geometry of EXOâ€‰2030+375 at luminosities close to the propeller regime. Astronomy and Astrophysics, 2017, 606, A89.	5.1	13
22	Two giant outbursts of V0332+53 observed with INTEGRAL. Astronomy and Astrophysics, 2016, 595, A17.	5.1	7
23	Suzakuobservations of the 2013 outburst of KS 1947+300. Astronomy and Astrophysics, 2016, 591, A65.	5.1	9
24	Stellar Winds in Massive X-ray Binaries. Proceedings of the International Astronomical Union, 2016, 12, 355-358.	0.0	0
25	THE TRANSIENT ACCRETING X-RAY PULSAR XTE J1946+274: STABILITY OF X-RAY PROPERTIES AT LOW FLUX AND UPDATED ORBITAL SOLUTION. Astrophysical Journal, 2015, 815, 44.	4.5	19
26	The accretion environment in Vela X-1 during a flaring period usingXMM-Newton. Astronomy and Astrophysics, 2014, 563, A70.	5.1	31
27	Formation of phase lags at the cyclotron energies in the pulse profiles of magnetized, accreting neutron stars. Astronomy and Astrophysics, 2014, 564, L8.	5.1	25
28	MEASUREMENTS OF CYCLOTRON FEATURES AND PULSE PERIODS IN THE HIGH-MASS X-RAY BINARIES 4U 1538â€“522 AND 4U 1907+09 WITH THEINTERNATIONAL GAMMA-RAY ASTROPHYSICS LABORATORY. Astrophysical Journal, 2013, 777, 61.	4.5	22
29	GRO J1008â^'57: an (almost) predictable transient X-ray binary. Astronomy and Astrophysics, 2013, 555, A95.	5.1	35
30	No anticorrelation between cyclotron line energy and X-ray flux in 4UÂ0115+634. Astronomy and Astrophysics, 2013, 551, A6.	5.1	63
31	Long term variability of Cygnus X-1. Astronomy and Astrophysics, 2013, 554, A88.	5.1	64
32	OBSERVATIONS OF THE HIGH-MASS X-RAY BINARY A 0535+26 IN QUIESCENCE. Astrophysical Journal, 2013, 770, 19.	4.5	18
33	Staring at 4Uâ€‰1909+07 withSuzaku. Astronomy and Astrophysics, 2012, 547, A2.	5.1	9
34	The reawakening of the sleeping X-ray pulsar XTEÂJ1946+274. Astronomy and Astrophysics, 2012, 546, A125.	5.1	23