

Chris Nixon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,716
citations

24
h-index

40
g-index

66
ext. papers

2,061
ext. citations

5.1
avg. IF

5.55
L-index

#	Paper	IF	Citations
65	The Eccentric Nature of Eccentric Tidal Disruption Events. <i>Astrophysical Journal</i> , 2022 , 924, 34	4.7	1
64	Stars Crushed by Black Holes. II. A Physical Model of Adiabatic Compression and Shock Formation in Tidal Disruption Events. <i>Astrophysical Journal</i> , 2022 , 926, 47	4.7	1
63	Stellar Revival and Repeated Flares in Deeply Plunging Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2022 , 927, L25	7.9	2
62	Using the Hills Mechanism to Generate Repeating Partial Tidal Disruption Events and ASASSN-14ko. <i>Astrophysical Journal Letters</i> , 2022 , 929, L20	7.9	2
61	Stars Crushed by Black Holes. I. On the Energy Distribution of Stellar Debris in Tidal Disruption Events. <i>Astrophysical Journal</i> , 2021 , 923, 184	4.7	4
60	Partial, Zombie, and Full Tidal Disruption of Stars by Supermassive Black Holes. <i>Astrophysical Journal</i> , 2021 , 922, 168	4.7	6
59	On the Dynamics of Low-viscosity Warped Disks around Black Holes. <i>Astrophysical Journal</i> , 2021 , 922, 243	4.7	0
58	Disk Tearing: Numerical Investigation of Warped Disk Instability. <i>Astrophysical Journal</i> , 2021 , 909, 81	4.7	6
57	Disk Tearing: Implications for Black Hole Accretion and AGN Variability. <i>Astrophysical Journal</i> , 2021 , 909, 82	4.7	11
56	The Gravitational Instability of Adiabatic Filaments. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 51	8	11
55	Variability in Short Gamma-Ray Bursts: Gravitationally Unstable Tidal Tails. <i>Astrophysical Journal Letters</i> , 2020 , 896, L38	7.9	9
54	Extreme variability in an active galactic nucleus: Gaia16aax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 477-495	4.3	10
53	Short Gamma-Ray Bursts and the Decompression of Neutron Star Matter in Tidal Streams. <i>Astrophysical Journal Letters</i> , 2020 , 900, L12	7.9	0
52	Fallback Rates from Partial Tidal Disruption Events. <i>Astrophysical Journal</i> , 2020 , 899, 36	4.7	17
51	The Persistence of Pancakes and the Revival of Self-gravity in Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2020 , 900, L39	7.9	4
50	Be Star Disks: Powered by a Nonzero Central Torque. <i>Astrophysical Journal Letters</i> , 2020 , 905, L29	7.9	2
49	On the orbital evolution of binaries with circumbinary discs. <i>Astronomy and Astrophysics</i> , 2020 , 641, A64	5.1	18

48	Non-thermal filaments from the tidal destruction of clouds in the Galactic centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1868-1877	4.3	2
47	Instability of non-Keplerian warped discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 1148-1157	4.3	6
46	What is wrong with steady accretion discs?. <i>Astronomy and Astrophysics</i> , 2019 , 628, A121	5.1	9
45	On the physical nature of accretion disc viscosity. <i>New Astronomy</i> , 2019 , 70, 7-11	1.8	34
44	Tidal Disruption Events: The Role of Stellar Spin. <i>Astrophysical Journal</i> , 2019 , 872, 163	4.7	34
43	Generalized Warped Disk Equations. <i>Astrophysical Journal</i> , 2019 , 875, 5	4.7	17
42	The Influence of Black Hole Binarity on Tidal Disruption Events. <i>Space Science Reviews</i> , 2019 , 215, 1	7.5	4
41	Ultra-deep tidal disruption events: prompt self-intersections and observables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 5267-5278	4.3	6
40	Galactic chimney sweeping: the effect of gradual stellar feedback mechanisms on the evolution of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 4278-4299	4.3	3
39	On the Diversity of Fallback Rates from Tidal Disruption Events with Accurate Stellar Structure. <i>Astrophysical Journal Letters</i> , 2019 , 882, L26	7.9	23
38	Partial Stellar Disruption by a Supermassive Black Hole: Is the Light Curve Really Proportional to $t^{-3/4}$?. <i>Astrophysical Journal Letters</i> , 2019 , 883, L17	7.9	28
37	On the role of magnetic fields in star formation. <i>New Astronomy</i> , 2019 , 67, 89-96	1.8	6
36	Dynamical Properties of Eccentric Nuclear Disks: Stability, Longevity, and Implications for Tidal Disruption Rates in Post-merger Galaxies. <i>Astrophysical Journal</i> , 2018 , 853, 141	4.7	28
35	Instability of warped discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 1519-1531	4.3	15
34	Circumbinary discs around merging stellar-mass black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 4732-4737	4.3	8
33	Misaligned Accretion and Jet Production. <i>Astrophysical Journal Letters</i> , 2018 , 857, L7	7.9	10
32	Super-Eddington accretion in tidal disruption events: the impact of realistic fallback rates on accretion rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3016-3024	4.3	24
31	Warping a protoplanetary disc with a planet on an inclined orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 20-35	4.3	23

30	The Maximum Mass Solar Nebula and the early formation of planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3273-3278	4.3	18
29	Phantom: A Smoothed Particle Hydrodynamics and Magnetohydrodynamics Code for Astrophysics. <i>Publications of the Astronomical Society of Australia</i> , 2018 , 35,	5.5	169
28	The galactic rate of second- and third-generation disc and planet formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4486-4498	4.3	8
27	An ultra-fast inflow in the luminous Seyfert PG1211+143. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	2
26	The origin of the structure of large-scale magnetic fields in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3539-3551	4.3	5
25	Tidal disruption events from supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 3840-3864	4.3	51
24	Post-periapsis pancakes: sustenance for self-gravity in tidal disruption events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 3612-3627	4.3	46
23	Warp Propagation in Astrophysical Discs. <i>Lecture Notes in Physics</i> , 2016 , 45-63	0.8	11
22	Planet-disc evolution and the formation of Kozai-Lidov planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 4345-4353	4.3	79
21	On the structure of tidally disrupted stellar debris streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3089-3103	4.3	37
20	Black holes in stellar-mass binary systems: expiating original spin?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 464-467	4.3	9
19	Resonances in retrograde circumbinary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 3472-3483	4.3	25
18	VARIABILITY IN TIDAL DISRUPTION EVENTS: GRAVITATIONALLY UNSTABLE STREAMS. <i>Astrophysical Journal Letters</i> , 2015 , 808, L11	7.9	59
17	Tearing up a misaligned accretion disc with a binary companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1251-1258	4.3	46
16	AGN flickering and chaotic accretion. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015 , 453, L46-L47	4.3	62
15	Accretion disc viscosity: a limit on the anisotropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 2459-2465	4.3	8
14	Misaligned gas discs around eccentric black hole binaries and implications for the final-parsec problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 65-76	4.3	53
13	TIDAL TORQUES ON MISALIGNED DISKS IN BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2015 , 800, 96	4.7	49

12	Misaligned accretion on to supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 2285-2296	4.3	16
11	THE KOZAI-LIDOV MECHANISM IN HYDRODYNAMICAL DISKS. <i>Astrophysical Journal Letters</i> , 2014 , 792, L33	7.9	95
10	Modelling spikes in quasar accretion disc temperature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 1090-1109	4.3	7
9	A physical model for state transitions in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 3994-3999	4.3	33
8	GIANT OUTBURSTS IN Be/X-RAY BINARIES. <i>Astrophysical Journal Letters</i> , 2014 , 790, L34	7.9	56
7	DO JETS PRECESS OR EVEN MOVE AT ALL?. <i>Astrophysical Journal Letters</i> , 2013 , 765, L7	7.9	29
6	SMBH accretion and mergers: removing the symmetries. <i>Classical and Quantum Gravity</i> , 2013 , 30, 244006	6.3	8
5	Tearing up the disc: misaligned accretion on to a binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 1946-1954	4.3	113
4	TEARING UP THE DISK: HOW BLACK HOLES ACCRETE. <i>Astrophysical Journal Letters</i> , 2012 , 757, L24	7.9	89
3	Retrograde accretion and merging supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 412, 1591-1598	4.3	90
2	The final parsec problem: aligning a binary with an external accretion disc. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011 , 417, L66-L69	4.3	43
1	The observable effects of tidally induced warps in protostellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 403, 1887-1893	4.3	16