Alexander J Dittmann

List of Publications by Year
in descending order

16	1,867	759233 12	940533 16
papers	citations	h-index	g-index

16	16	16	1270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PSR J0030+0451 Mass and Radius from NICER Data and Implications for the Properties of Neutron Star Matter. Astrophysical Journal Letters, 2019, 887, L24.	8.3	978
2	The Radius of PSR J0740+6620 from NICER and XMM-Newton Data. Astrophysical Journal Letters, 2021, 918, L28.	8.3	556
3	Constraining the Neutron Star Massâ€“Radius Relation and Dense Matter Equation of State with NICER. II. Emission from Hot Spots on a Rapidly Rotating Neutron Star. Astrophysical Journal Letters, 2019, 887, L26.	8.3	95
4	Star formation in accretion discs and SMBH growth. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3732-3743.	4.4	47
5	Stellar Evolution in the Disks of Active Galactic Nuclei Produces Rapidly Rotating Massive Stars. Astrophysical Journal, 2021, 914, 105.	4.5	29
6	Constraining the Neutron Star Massâ€“Radius Relation and Dense Matter Equation of State with NICER. III. Model Description and Verification of Parameter Estimation Codes. Astrophysical Journal Letters, 2021, 914, L15.	8.3	27
7	Preventing Anomalous Torques in Circumbinary Accretion Simulations. Astrophysical Journal, 2021, 921, 71.	4.5	27
8	Accretion onto Stars in the Disks of Active Galactic Nuclei. Astrophysical Journal, 2021, 916, 48.	4.5	26
9	A survey of disc thickness and viscosity in circumbinary accretion: Binary evolution, variability, and disc morphology. Monthly Notices of the Royal Astronomical Society, 2022, 513, 6158-6176.	4.4	24
10	Effects of an Immortal Stellar Population in AGN Disks. Astrophysical Journal, 2022, 929, 133.	4.5	17
11	NICER Detection of Thermal X-Ray Pulsations from the Massive Millisecond Pulsars PSR J0740+6620 and PSR J1614â€“2230. Astrophysical Journal Letters, 2021, 918, L26.	8.3	13
12	A Candidate Tidal Disruption Event in a Quasar at zÂ=Â2.359 from Abundance Ratio Variability. Astrophysical Journal, 2018, 859, 8.	4.5	12
13	On the terminal spins of accreting stars and planets: boundary layers. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1842-1852.	4.4	10
14	High-order multiderivative IMEX schemes. Applied Numerical Mathematics, 2021, 160, 205-216.	2.1	3
15	Modified Hermite integrators of arbitrary order. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1217-1223.	4.4	2
16	An analytical, fully relativistic framework for tidal disruption event streams in Schwarzschild geometry. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3408-3419.	4.4	1