Benjamin L Davis

List of Publications by Year
in descending order

27 papers	750 citations	566801 15 h-index	642321 23 g-index
27 all docs	27 docs citations	27 times ranked	998 citing authors

#	Article	IF	Citations
1	Evidence in favour of density wave theory through age gradients observed in star formation history maps and spatially resolved stellar clusters. Monthly Notices of the Royal Astronomical Society, 2022, 512, 366-377.	1.6	6
2	The (Black Hole Mass)â€“(Spheroid Stellar Density) Relations: M _{BH}â€“Î¼ (and M) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.6	8
3	Disc cloaking: Establishing a lower limit to the number density of local compact massive spheroids/bulges and the potential fate of some high-z red nuggets. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3410-3451.	1.6	8
4	Refining the mass estimate for the intermediate-mass black hole candidate in NGC 3319. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	4
5	Potential Black Hole Seeding of the Spiral Galaxy NGC 4424 via an Infalling Star Cluster. Astrophysical Journal, 2021, 923, 146.	1.6	9
6	Central X-Ray Point Sources Found to Be Abundant in Low-mass, Late-type Galaxies Predicted to Contain an Intermediate-mass Black Hole. Astrophysical Journal, 2021, 923, 246.	1.6	5
7	Determining the co-rotation radii of spiral galaxies using spiral arm pitch angle measurements at multiple wavelengths. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1610-1619.	1.6	6
8	Defining the (Black Hole)â€“Spheroid Connection with the Discovery of Morphology-dependent Substructure in the M_{BH}â€“n_{sph} and M_{BH}â€“R_{e,sph} Diagrams: New Tests for Advanced Theories and Realistic Simulations. Astrophysical Journal, 2020, 903, 97.	1.6	15
9	Black Hole Mass Scaling Relations for Spiral Galaxies. I. M_{BH}â€“M_{*,sph}. Astrophysical Journal, 2019, 873, 85.	1.6	71
10	Black Hole Mass Scaling Relations for Early-type Galaxies. I. M_{BH}â€“M_{*,}_{sph} and M_{BH}â€“M_{*,gal}. Astrophysical Journal, 2019, 876, 155.	1.6	81
11	A Consistent Set of Empirical Scaling Relations for Spiral Galaxies: The (v_{max},) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.6	28
12	Investigating the Origins of Spiral Structure in Disk Galaxies through a Multiwavelength Study. Astrophysical Journal, 2019, 874, 177.	1.6	16
13	Revealing Hidden Substructures in the M_{BH}â€“Ïƒ Diagram, and Refining the Bend in the Lâ€“Ïƒ Relation. Astrophysical Journal, 2019, 887, 10.	1.6	54
14	Substructure in black hole scaling diagrams and implications for the coevolution of black holes and galaxies. Proceedings of the International Astronomical Union, 2019, 15, 37-39.	0.0	1
15	Black Hole Mass Scaling Relations for Spiral Galaxies. II. M_{BH}â€“M_{*,tot} and M_{BH}â€“M_{*,disk}. Astrophysical Journal, 2018, 869, 113.	1.6	66
16	Searching for intermediate-mass black holes in galaxies with low-luminosity AGN: a multiple-method approach. Astronomy and Astrophysics, 2017, 601, A20.	2.1	16
17	Updating the (supermassive black hole mass)â€“(spiral arm pitch angle) relation: a strong correlation for galaxies with pseudobulges. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2187-2203.	1.6	55
18	THE LOCAL BLACK HOLE MASS FUNCTION DERIVED FROM THE M_{BH}â€“P AND THE M_{BH}â€“n RELATIONS. Astrophysical Journal, 2016, 830, 117.	1.6	26

#	Article	IF	Citations
19	STRONG EVIDENCE FOR THE DENSITY-WAVE THEORY OF SPIRAL STRUCTURE IN DISK GALAXIES. Astrophysical Journal Letters, 2016, 827, L2.	3.0	34
20	A FUNDAMENTAL PLANE OF SPIRAL STRUCTURE IN DISK GALAXIES. Astrophysical Journal Letters, 2015, 802, L13.	3.0	30
21	THE BLACK HOLE MASS FUNCTION DERIVED FROM LOCAL SPIRAL GALAXIES. Astrophysical Journal, 2014, 789, 124.	1.6	43
22	CONSTRAINING DARK MATTER HALO PROFILES AND GALAXY FORMATION MODELS USING SPIRAL ARM MORPHOLOGY. II. DARK AND STELLAR MASS CONCENTRATIONS FOR 13 NEARBY FACE-ON GALAXIES. Astrophysical Journal, 2014, 795, 90.	1.6	19
23	FURTHER EVIDENCE FOR A SUPERMASSIVE BLACK HOLE MASS-PITCH ANGLE RELATION. Astrophysical Journal, 2013, 769, 132.	1.6	51
24	MEASUREMENT OF GALACTIC LOGARITHMIC SPIRAL ARM PITCH ANGLE USING TWO-DIMENSIONAL FAST FOURIER TRANSFORM DECOMPOSITION. Astrophysical Journal, Supplement Series, 2012, 199, 33.	3.0	78
25	Testing the Correlation between Spiral Arm Pitch Angle and Central Black Hole Mass. , 2010, , .		1
26	The Arkansas Galaxy Evolution Survey: Supermassive Black Holes in the Universe. Proceedings of the International Astronomical Union, 2009, 5, 210-210.	0.0	0
27	Expected intermediate mass black holes in the Virgo cluster. II. Late-type galaxies. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	19