

Laura Blecha

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,125
citations

257450

24
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

2449
citing authors

#	ARTICLE	IF	CITATIONS
1	The illustris simulation: Public data release. <i>Astronomy and Computing</i> , 2015, 13, 12-37.	1.7	412
2	Massive black hole binary mergers in dynamical galactic environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3131-3157.	4.4	127
3	Growing supermassive black holes in the late stages of galaxy mergers are heavily obscured. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx173.	4.4	118
4	The power of infrared AGN selection in mergers: a theoretical study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3056-3071.	4.4	113
5	Recoiling black holes in merging galaxies: relationship to active galactic nucleus lifetimes, starbursts and the MBH- \dot{M}^* relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2154-2182.	4.4	110
6	A RUNAWAY BLACK HOLE IN COSMOS: GRAVITATIONAL WAVE OR SLINGSHOT RECOIL?. <i>Astrophysical Journal</i> , 2010, 717, 209-222.	4.5	101
7	The gravitational wave background from massive black hole binaries in Illustris: spectral features and time to detection with pulsar timing arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4508-4526.	4.4	97
8	Recoiling black holes: prospects for detection and implications of spin alignment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 961-989.	4.4	90
9	Double-peaked narrow-line signatures of dual supermassive black holes in galaxy merger simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2594-2616.	4.4	86
10	A population of luminous accreting black holes with hidden mergers. <i>Nature</i> , 2018, 563, 214-216.	27.8	80
11	Buried AGNs in Advanced Mergers: Mid-infrared Color Selection as a Dual AGN Candidate Finder. <i>Astrophysical Journal</i> , 2017, 848, 126.	4.5	64
12	Single sources in the low-frequency gravitational wave sky: properties and time to detection by pulsar timing arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 964-976.	4.4	61
13	<i>CHANDRA</i> HIGH-RESOLUTION OBSERVATIONS OF CID-42, A CANDIDATE RECOILING SUPERMASSIVE BLACK HOLE. <i>Astrophysical Journal</i> , 2012, 752, 49.	4.5	53
14	Effects of gravitational-wave recoil on the dynamics and growth of supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	51
15	A Hard X-Ray Test of HCN Enhancements As a Tracer of Embedded Black Hole Growth. <i>Astrophysical Journal</i> , 2020, 893, 149.	4.5	47
16	Probing Massive Black Hole Binary Populations with LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	44
17	Accurate Identification of Galaxy Mergers with Imaging. <i>Astrophysical Journal</i> , 2019, 872, 76.	4.5	42
18	Close Binary Interactions of Intermediate-Mass Black Holes: Possible Ultraluminous X-Ray Sources?. <i>Astrophysical Journal</i> , 2006, 642, 427-437.	4.5	38

#	ARTICLE	IF	CITATIONS
19	Buried Black Hole Growth in IR-selected Mergers: New Results from Chandra. <i>Astrophysical Journal</i> , 2019, 875, 117.	4.5	36
20	The Limitations of Optical Spectroscopic Diagnostics in Identifying Active Galactic Nuclei in the Low-mass Regime. <i>Astrophysical Journal Letters</i> , 2019, 870, L2.	8.3	35
21	Constraints on the nature of CID-42: recoil kick or supermassive black hole pair?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1341-1350.	4.4	34
22	The Hunt for Intermediate-mass Black Holes in the JWST Era. <i>Astrophysical Journal</i> , 2018, 861, 142.	4.5	32
23	SIGNATURES OF THE M31-M32 GALACTIC COLLISION. <i>Astrophysical Journal Letters</i> , 2014, 788, L38.	8.3	29
24	SDSS1133: an unusually persistent transient in a nearby dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 515-527.	4.4	29
25	A Triple AGN in a Mid-infrared Selected Late-stage Galaxy Merger. <i>Astrophysical Journal</i> , 2019, 883, 167.	4.5	28
26	Electromagnetic counterparts to massive black-hole mergers. <i>Living Reviews in Relativity</i> , 2022, 25, .	26.7	26
27	Was 49b: An Overmassive AGN in a Merging Dwarf Galaxy?. <i>Astrophysical Journal</i> , 2017, 836, 183.	4.5	20
28	Multiwavelength Observations of SDSS J105621.45+313822.1, a Broad-line, Low-metallicity AGN. <i>Astrophysical Journal</i> , 2020, 895, 147.	4.5	17
29	Accurate Identification of Galaxy Mergers with Stellar Kinematics. <i>Astrophysical Journal</i> , 2021, 912, 45.	4.5	16
30	Relics of Supermassive Black Hole Seeds: The Discovery of an Accreting Black Hole in an Optically Normal, Low Metallicity Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2021, 912, L2.	8.3	15
31	The X-ray view of merger-induced active galactic nuclei activity at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2380-2389.	4.4	14
32	Massive black hole binary inspiral and spin evolution in a cosmological framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2531-2546.	4.4	14
33	The BAT AGN Spectroscopic Survey. XVIII. Searching for Supermassive Black Hole Binaries in X-Rays. <i>Astrophysical Journal</i> , 2020, 896, 122.	4.5	11
34	Supermassive Black Hole Fueling in IllustrisTNG: Impact of Environment. <i>Astrophysical Journal</i> , 2020, 904, 150.	4.5	8
35	Concordance between Observations and Simulations in the Evolution of the Mass Relation between Supermassive Black Holes and Their Host Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 132.	4.5	6
36	Impact of gas-based seeding on supermassive black hole populations at $z < 7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2012-2036.	4.4	5

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37	Galaxy pairs in the Sloan Digital Sky Survey â€“ XV. Properties of ionized outflows. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4828-4844.	4.4	5
38	2MASX J00423991+3017515: an offset active galactic nucleus in an interacting system. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1688-1702.	4.4	4
39	Impact of gas spin and Lymanâ€“Werner flux on black hole seed formation in cosmological simulations: implications for direct collapse. Monthly Notices of the Royal Astronomical Society, 2021, 510, 177-196.	4.4	3
40	The Host Galaxy of the Recoiling Black Hole Candidate in 3C 186: An Old Major Merger Remnant at the Center of a $z = 1$ Cluster. Astrophysical Journal, 2022, 931, 165.	4.5	3
41	Modeling the Observability of Recoiling Black Holes as Offset Quasars. Proceedings of the International Astronomical Union, 2015, 11, 317-318.	0.0	0
42	The intriguing case of Was 49b. Proceedings of the International Astronomical Union, 2019, 15, 153-157.	0.0	0