

Chris J Lintott

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/276660/publications.pdf>

Version: 2024-02-01

116
papers

12,287
citations

41258

49
h-index

26548

107
g-index

121
all docs

121
docs citations

121
times ranked

10040
citing authors

#	ARTICLE	IF	CITATIONS
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	1.6	1,744
2	Galaxy Zoo: morphologies derived from visual inspection of galaxies from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 1179-1189.	1.6	1,102
3	Galaxy Zoo 1: data release of morphological classifications for nearly 900,000 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 166-178.	1.6	549
4	The green valley is a red herring: Galaxy Zoo reveals two evolutionary pathways towards quenching of star formation in early- and late-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 889-907.	1.6	506
5	Galaxy Zoo: the dependence of morphology and colour on environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1324-1352.	1.6	460
6	Galaxy Zoo Green Peas: discovery of a class of compact extremely star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 1191-1205.	1.6	446
7	Galaxy Zoo 2: detailed morphological classifications for 304,122 galaxies from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2835-2860.	1.6	439
8	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	3.0	405
9	Snapshot Serengeti, high-frequency annotated camera trap images of 40 mammalian species in an African savanna. <i>Scientific Data</i> , 2015, 2, 150026.	2.4	318
10	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	3.0	299
11	Galaxy Zoo: Exploring the Motivations of Citizen Science Volunteers. <i>Astronomy Education Review</i> , 0, 9, .	0.0	275
12	Galaxy Zoo: bars in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2026-2034.	1.6	227
13	Galaxy Zoo: "Hanny's Voorwerp", a quasar light echo?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 129-140.	1.6	212
14	PLANET HUNTERS: A TRANSITING CIRCUMBINARY PLANET IN A QUADRUPLE STAR SYSTEM. <i>Astrophysical Journal</i> , 2013, 768, 127.	1.6	202
15	A generalized approach for producing, quantifying, and validating citizen science data from wildlife images. <i>Conservation Biology</i> , 2016, 30, 520-531.	2.4	198
16	Galaxy Zoo: disentangling the environmental dependence of morphology and colour. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 966-982.	1.6	184
17	GALAXY ZOO: THE FUNDAMENTALLY DIFFERENT CO-EVOLUTION OF SUPERMASSIVE BLACK HOLES AND THEIR EARLY- AND LATE-TYPE HOST GALAXIES. <i>Astrophysical Journal</i> , 2010, 711, 284-302.	1.6	171
18	Galaxy Zoo: reproducing galaxy morphologies via machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 406, 342-353.	1.6	153

#	ARTICLE	IF	CITATIONS
19	Galaxy Zoo: the fraction of merging galaxies in the SDSS and their morphologies. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1043-1056.	1.6	150
20	Galaxy Zoo: the properties of merging galaxies in the nearby Universe - local environments, colours, masses, star formation rates and AGN activity. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1552-1563.	1.6	150
21	Crowd-Sourced Assessment of Technical Skills: a novel method to evaluate surgical performance. Journal of Surgical Research, 2014, 187, 65-71.	0.8	144
22	Galaxy Zoo: a sample of blue early-type galaxies at low redshift. Monthly Notices of the Royal Astronomical Society, 2009, 396, 818-829.	1.6	142
23	Galaxy Zoo: passive red spirals. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	125
24	Galaxy Zoo and ALFALFA: atomic gas and the regulation of star formation in barred disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2180-2192.	1.6	125
25	GALAXY ZOO: OBSERVING SECULAR EVOLUTION THROUGH BARS. Astrophysical Journal, 2013, 779, 162.	1.6	122
26	Galaxy Zoo: dust in spiral galaxies... Monthly Notices of the Royal Astronomical Society, 0, 404, 792-810.	1.6	121
27	The Galaxy Zoo survey for giant AGN-ionized clouds: past and present black hole accretion events. Monthly Notices of the Royal Astronomical Society, 2012, 420, 878-900.	1.6	119
28	Planet Hunters: the first two planet candidates identified by the public using the Kepler public archive data... Monthly Notices of the Royal Astronomical Society, 2012, 419, 2900-2911.	1.6	118
29	Galaxy Zoo: the large-scale spin statistics of spiral galaxies in the Sloan Digital Sky Survey... Monthly Notices of the Royal Astronomical Society, 2008, 388, 1686-1692.	1.6	111
30	Galaxy Zoo: evidence for diverse star formation histories through the green valley. Monthly Notices of the Royal Astronomical Society, 2015, 450, 435-453.	1.6	110
31	Galaxy Zoo: the environmental dependence of bars and bulges in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1485-1502.	1.6	101
32	Radio Galaxy Zoo: host galaxies and radio morphologies derived from visual inspection. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2327-2341.	1.6	93
33	Galaxy Zoo: an independent look at the evolution of the bar fraction over the last eight billion years from HST-COSMOS... Monthly Notices of the Royal Astronomical Society, 2014, 438, 2882-2897.	1.6	91
34	Applying a random encounter model to estimate lion density from camera traps in Serengeti National Park, Tanzania. Journal of Wildlife Management, 2015, 79, 1014-1021.	0.7	86
35	Galaxy Zoo: comparing the demographics of spiral arm number and a new method for correcting redshift bias. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3663-3682.	1.6	83
36	Galaxy Zoo: probabilistic morphology through Bayesian CNNs and active learning. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1554-1574.	1.6	78

#	ARTICLE	IF	CITATIONS
37	Space Warps – I. Crowdsourcing the discovery of gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1171-1190.	1.6	77
38	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. Astronomical Journal, 2018, 155, 57.	1.9	76
39	Galaxy Zoo: bar lengths in local disc galaxies... Monthly Notices of the Royal Astronomical Society, 2011, 415, 3627-3640.	1.6	74
40	DESTRUCTION OF MOLECULAR GAS RESERVOIRS IN EARLY-TYPE GALAXIES BY ACTIVE GALACTIC NUCLEUS FEEDBACK. Astrophysical Journal, 2009, 690, 1672-1680.	1.6	73
41	THE HISTORY AND ENVIRONMENT OF A FADED QUASAR: HUBBLE SPACE TELESCOPE OBSERVATIONS OF HANNY'S VOORWERP AND IC 2497. Astronomical Journal, 2012, 144, 66.	1.9	71
42	Galaxy Zoo: secular evolution of barred galaxies from structural decomposition of multiband images. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4731-4753.	1.6	71
43	Galaxy Zoo: CANDELS barred discs and bar fractions... Monthly Notices of the Royal Astronomical Society, 2014, 445, 3466-3474.	1.6	70
44	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4420-4447.	1.6	70
45	Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314,000 galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3966-3988.	1.6	68
46	HST IMAGING OF FADING AGN CANDIDATES. I. HOST-GALAXY PROPERTIES AND ORIGIN OF THE EXTENDED GAS. Astronomical Journal, 2015, 149, 155.	1.9	67
47	Fading AGN Candidates: AGN Histories and Outflow Signatures. Astrophysical Journal, 2017, 835, 256.	1.6	63
48	Galaxy Zoo: the dependence of the star formation-stellar mass relation on spiral disc morphology. Monthly Notices of the Royal Astronomical Society, 2015, 449, 820-827.	1.6	59
49	Galaxy Zoo: the effect of bar-driven fuelling on the presence of an active galactic nucleus in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3442-3454.	1.6	59
50	TOI-1338: TESS First Transiting Circumbinary Planet. Astronomical Journal, 2020, 159, 253.	1.9	58
51	Crowdsourcing the General Public for Large Scale Molecular Pathology Studies in Cancer. EBioMedicine, 2015, 2, 681-689.	2.7	56
52	Citizen science frontiers: Efficiency, engagement, and serendipitous discovery with human-machine systems. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1902-1909.	3.3	54
53	Galaxy Zoo: quantifying morphological indicators of galaxy interaction... Monthly Notices of the Royal Astronomical Society, 2013, 429, 1051-1065.	1.6	53
54	Galaxy Zoo: morphological classifications for 120,000 galaxies in HST legacy imaging. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4176-4203.	1.6	51

#	ARTICLE	IF	CITATIONS
55	Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at 0.2$^{\circ}$? Monthly Notices of the Royal Astronomical Society, 2015, 447, 506-516.	1.6	49
56	Galaxy Zoo and sparcfire: constraints on spiral arm formation mechanisms from spiral arm number and pitch angles. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2263-2279.	1.6	44
57	Integrating human and machine intelligence in galaxy morphology classification tasks. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5516-5534.	1.6	43
58	Galaxy Zoo: the interplay of quenching mechanisms in the group environment? Monthly Notices of the Royal Astronomical Society, 2017, 469, 3670-3687.	1.6	41
59	Normal black holes in bulge-less galaxies: the largely quiescent, merger-free growth of black holes over cosmic time. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2801-2812.	1.6	41
60	Ideas for Citizen Science in Astronomy. Annual Review of Astronomy and Astrophysics, 2015, 53, 247-278.	8.1	39
61	Everyone counts? Design considerations in online citizen science. Journal of Science Communication, 2019, 18, A04.	0.4	39
62	The First Post-Kepler Brightness Dips of KIC 8462852. Astrophysical Journal Letters, 2018, 853, L8.	3.0	38
63	Radio Galaxy Zoo: Unsupervised Clustering of Convolutionally Auto-encoded Radio-astronomical Images. Publications of the Astronomical Society of the Pacific, 2019, 131, 108011.	1.0	36
64	Identification of low surface brightness tidal features in galaxies using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2968-2982.	1.6	35
65	Time-lapse imagery and volunteer classifications from the Zooniverse Penguin Watch project. Scientific Data, 2018, 5, 180124.	2.4	33
66	Radio Galaxy Zoo: A Search for Hybrid Morphology Radio Galaxies. Astronomical Journal, 2017, 154, 253.	1.9	33
67	A transient search using combined human and machine classifications. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1315-1323.	1.6	31
68	Galaxy Zoo: unwinding the winding problem – observations of spiral bulge prominence and arm pitch angles suggest local spiral galaxies are winding. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1808-1820.	1.6	30
69	Galaxy Zoo: A Catalog of Overlapping Galaxy Pairs for Dust Studies. Publications of the Astronomical Society of the Pacific, 2013, 125, 2-16.	1.0	29
70	Galaxy Zoo: evidence for rapid, recent quenching within a population of AGN host galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2986-2996.	1.6	29
71	Galaxy Zoo: Major Galaxy Mergers Are Not a Significant Quenching Pathway*. Astrophysical Journal, 2017, 845, 145.	1.6	29
72	Validation of a priori CME arrival predictions made using real-time heliospheric imager observations. Space Weather, 2015, 13, 35-48.	1.3	27

#	ARTICLE	IF	CITATIONS
73	Galaxy Zoo: Mergers – Dynamical models of interacting galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 720-745.	1.6	27
74	SDSS-IV MaNGA: the different quenching histories of fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2679-2687.	1.6	27
75	Revealing the cosmic evolution of boxy/peanut-shaped bulges from HST COSMOS and SDSS. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4721-4739.	1.6	25
76	Galaxy zoo: stronger bars facilitate quenching in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4389-4408.	1.6	24
77	Observational Tracking of the 2D Structure of Coronal Mass Ejections Between the Sun and 1 AU. Solar Physics, 2012, 279, 517-535.	1.0	23
78	Spheroidal post-mergers in the local Universe. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2139-2146.	1.6	23
79	Galaxy Zoo: multimergers and the Millennium Simulation. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1745-1755.	1.6	22
80	Galaxy Zoo: finding offset discs and bars in SDSS galaxies... Monthly Notices of the Royal Astronomical Society, 2017, 469, 3363-3373.	1.6	22
81	Galaxy Zoo: star formation versus spiral arm number. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1850-1863.	1.6	21
82	Secularly powered outflows from AGNs: the dominance of non-merger driven supermassive black hole growth. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4016-4031.	1.6	21
83	Galaxy Zoo: Morphological Classification of Galaxy Images from the Illustris Simulation. Astrophysical Journal, 2018, 853, 194.	1.6	20
84	The Frequency of Dust Lanes in Edge-on Spiral Galaxies Identified by Galaxy Zoo in KiDS Imaging of GAMA Targets. Astronomical Journal, 2019, 158, 103.	1.9	18
85	Kiloparsec-scale AGN outflows and feedback in merger-free galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3985-3997.	1.6	16
86	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. Research Notes of the AAS, 2019, 3, 43.	0.3	16
87	Practical galaxy morphology tools from deep supervised representation learning. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1581-1599.	1.6	15
88	Galaxy Zoo Builder: Four-component Photometric Decomposition of Spiral Galaxies Guided by Citizen Science. Astrophysical Journal, 2020, 900, 178.	1.6	14
89	An infrared study of local galaxy mergers. Astronomy and Astrophysics, 2015, 577, A119.	2.1	12
90	The Effect of Minor and Major Mergers on the Evolution of Low-excitation Radio Galaxies. Astrophysical Journal, 2019, 878, 88.	1.6	12

#	ARTICLE	IF	CITATIONS
91	Galactic conformity in both star formation and morphological properties. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2722-2730.	1.6	11
92	Galaxy zoo builder: Morphological dependence of spiral galaxy pitch angle. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3364-3374.	1.6	10
93	Galaxy Zoo: 3D “crowdsourced bar, spiral, and foreground star masks for MaNGA target galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3923-3935.	1.6	10
94	Planet Hunters TESS IV: a massive, compact hierarchical triple star system TIC470710327. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4710-4723.	1.6	10
95	Observations of the initial formation and evolution of spiral galaxies at $1 < i > z < / i > < 3$ in the CANDELS fields. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1502-1517.	1.6	10
96	Processing citizen science- and machine-annotated time-lapse imagery for biologically meaningful metrics. Scientific Data, 2020, 7, 102.	2.4	9
97	An Old Stellar Population or Diffuse Nebular Continuum Emission Discovered in Green Pea Galaxies. Astrophysical Journal Letters, 2021, 912, L22.	3.0	9
98	Serendipitous discovery of radio flaring behaviour from a nearby M dwarf with MeerKAT. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3482-3492.	1.6	9
99	Misalignment between cold gas and stellar components in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3311-3321.	1.6	7
100	A crowd of BashTheBug volunteers reproducibly and accurately measure the minimum inhibitory concentrations of 13 antitubercular drugs from photographs of 96-well broth microdilution plates. ELife, 2022, 11, .	2.8	7
101	Galaxy Zoo: Clump Scout: Surveying the Local Universe for Giant Star-forming Clumps. Astrophysical Journal, 2022, 931, 16.	1.6	7
102	Help Me to Help You. ACM Transactions on Social Computing, 2019, 2, 1-20.	1.7	6
103	Gems of the Galaxy Zoos—A Wide-ranging Hubble Space Telescope Gap-filler Program*. Astronomical Journal, 2022, 163, 150.	1.9	6
104	Editorial: The Research Notes of the American Astronomical Society. Research Notes of the AAS, 2017, 1, 1.	0.3	5
105	Quantifying the poor purity and completeness of morphological samples selected by galaxy colour. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4126-4133.	1.6	5
106	The Visual Complexity of Coronal Mass Ejections Follows the Solar Cycle. Space Weather, 2020, 18, e2020SW002556.	1.3	4
107	Predicting the Water Content of Interstellar Objects from Galactic Star Formation Histories. Astrophysical Journal Letters, 2022, 924, L1.	3.0	4
108	EDITORIAL: THE AAS JOURNALS CORRIDOR FOR INSTRUMENTATION, SOFTWARE, LABORATORY ASTROPHYSICS, AND DATA. Astronomical Journal, 2016, 151, 21.	1.9	3

#	ARTICLE	IF	CITATIONS
109	Citizen science: The past 200 years. <i>Astronomy and Geophysics</i> , 2020, 61, 2.20-2.23.	0.1	3
110	A Ghost in the Toast: TESS Background Light Produces a False "Transit" Across $\dot{\gamma}$, Ceti. <i>Research Notes of the AAS</i> , 2019, 3, 145.	0.3	3
111	Galaxy Nurseries: Crowdsourced Analysis of Slitless Spectroscopic Data. <i>Research Notes of the AAS</i> , 2018, 2, 120.	0.3	3
112	Planet Four: Derived South Polar Martian Winds Interpreted Using Mesoscale Modeling. <i>Planetary Science Journal</i> , 2022, 3, 31.	1.5	2
113	Black Hole Growth and Host Galaxy Morphology. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 438-441.	0.0	0
114	Editorial: Living Articles. <i>Astrophysical Journal</i> , 2018, 868, 78.	1.6	0
115	SNITCH: seeking a simple, informative star formation history inference tool. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3590-3603.	1.6	0
116	Editorial: Changes to RNAAS format. <i>Research Notes of the AAS</i> , 2020, 4, 60.	0.3	0