

Sebastien Comeron

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,371
citations

331670

21
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315739

38
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41
all docs

41
docs citations

41
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Spitzer</i> Survey of Stellar Structure in Galaxies. Publications of the Astronomical Society of the Pacific, 2010, 122, 1397-1414.	3.1	426
2	A CLASSICAL MORPHOLOGICAL ANALYSIS OF GALAXIES IN THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). Astrophysical Journal, Supplement Series, 2015, 217, 32.	7.7	217
3	THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): MULTI-COMPONENT DECOMPOSITION STRATEGIES AND DATA RELEASE. Astrophysical Journal, Supplement Series, 2015, 219, 4.	7.7	202
4	RECONSTRUCTING THE STELLAR MASS DISTRIBUTIONS OF GALAXIES USING S ⁴ G IRAC 3.6 AND 4.5 μ m IMAGES. II. THE CONVERSION FROM LIGHT TO MASS. Astrophysical Journal, 2014, 788, 144.	4.5	199
5	THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): PRECISE STELLAR MASS DISTRIBUTIONS FROM AUTOMATED DUST CORRECTION AT 3.6 μ m. Astrophysical Journal, Supplement Series, 2015, 219, 5.	7.7	177
6	RECONSTRUCTING THE STELLAR MASS DISTRIBUTIONS OF GALAXIES USING S ⁴ G IRAC 3.6 AND 4.5 μ m IMAGES. I. CORRECTING FOR CONTAMINATION BY POLYCYCLIC AROMATIC HYDROCARBONS, HOT DUST, AND INTERMEDIATE-AGE STARS. Astrophysical Journal, 2012, 744, 17.	4.5	149
7	THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): STELLAR MASSES, SIZES, AND RADIAL PROFILES FOR 2352 NEARBY GALAXIES. Astrophysical Journal, Supplement Series, 2015, 219, 3.	7.7	111
8	THE IMPACT OF BARS ON DISK BREAKS AS PROBED BY S ⁴ G IMAGING. Astrophysical Journal, 2013, 771, 59.	4.5	101
9	THICK DISKS OF EDGE-ON GALAXIES SEEN THROUGH THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): LAIR OF MISSING BARYONS?. Astrophysical Journal, 2011, 741, 28.	4.5	99
10	BREAKS IN THIN AND THICK DISKS OF EDGE-ON GALAXIES IMAGED IN THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). Astrophysical Journal, 2012, 759, 98.	4.5	76
11	MID-INFRARED GALAXY MORPHOLOGY FROM THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): THE IMPRINT OF THE DE VAUCOULEURS REVISED HUBBLE-SANDAGE CLASSIFICATION SYSTEM AT 3.6 μ m. Astrophysical Journal, Supplement Series, 2010, 190, 147-165.	7.7	74
12	A unified picture of breaks and truncations in spiral galaxies from SDSS and S ⁴ G imaging. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1102-1134.	4.4	53
13	X-RAY NUCLEAR ACTIVITY IN S ⁴ G BARRED GALAXIES: NO LINK BETWEEN BAR STRENGTH AND CO-OCCURRENT SUPERMASSIVE BLACK HOLE FUELING. Astrophysical Journal, 2013, 776, 50.	4.5	49
14	ON THE ORIGIN OF LOPSIDEDNESS IN GALAXIES AS DETERMINED FROM THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). Astrophysical Journal, 2013, 772, 135.	4.5	45
15	UNVEILING THE STRUCTURE OF BARRED GALAXIES AT 3.6 μ m WITH THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). I. DISK BREAKS. Astrophysical Journal, 2014, 782, 64.	4.5	44
16	THE THICK DISK IN THE GALAXY NGC 4244 FROM S ⁴ G IMAGING. Astrophysical Journal, 2011, 729, 18.	4.5	38
17	EARLY-TYPE GALAXIES WITH TIDAL DEBRIS AND THEIR SCALING RELATIONS IN THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). Astrophysical Journal, 2012, 753, 43.	4.5	35
18	THE MASS PROFILE AND SHAPE OF BARS IN THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): SEARCH FOR AN AGE INDICATOR FOR BARS. Astrophysical Journal, 2015, 799, 99.	4.5	32

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19	ON THE CURVATURE OF DUST LANES IN GALACTIC BARS. <i>Astrophysical Journal</i> , 2009, 706, L256-L259.	4.5	27
20	H \pm kinematics of S ⁴ G spiral galaxies – III. Inner rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1199-1213.	4.4	25
21	THE UNUSUAL VERTICAL MASS DISTRIBUTION OF NGC 4013 SEEN THROUGH THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). <i>Astrophysical Journal Letters</i> , 2011, 738, L17.	8.3	23
22	Varied origins of up-bending breaks in galaxy disks. <i>Astronomy and Astrophysics</i> , 2019, 625, A36.	5.1	20
23	The Vanishing and Appearing Sources during a Century of Observations Project. I. USNO Objects Missing in Modern Sky Surveys and Follow-up Observations of a “Missing Star”. <i>Astronomical Journal</i> , 2020, 159, 8.	4.7	19
24	EMBEDDED STAR FORMATION IN S ⁴ G GALAXY DUST LANES. <i>Astrophysical Journal</i> , 2014, 780, 32.	4.5	18
25	AGN Luminosity and Stellar Age: Two Missing Ingredients for AGN Unification as Seen with iPTF Supernovae. <i>Astrophysical Journal</i> , 2017, 837, 110.	4.5	15
26	The kinematics of local thick discs do not support an accretion origin. <i>Astronomy and Astrophysics</i> , 2019, 623, A89.	5.1	15
27	Spitzer/Infrared Array Camera near-infrared features in the outer parts of S4G galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3015-3039.	4.4	14
28	THE S ⁴ G PERSPECTIVE ON CIRCUMSTELLAR DUST EXTINCTION OF ASYMPTOTIC GIANT BRANCH STARS IN M100. <i>Astrophysical Journal Letters</i> , 2012, 748, L30.	8.3	14
29	GLOBULAR CLUSTER POPULATIONS: FIRST RESULTS FROM S ⁴ G EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2015, 799, 159.	4.5	10
30	The complex multi-component outflow of the Seyfert galaxy NGC 7130. <i>Astronomy and Astrophysics</i> , 2021, 645, A130.	5.1	10
31	GLOBULAR CLUSTER POPULATIONS: RESULTS INCLUDING S ⁴ G LATE-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2016, 818, 99.	4.5	8
32	The multifarious ionization sources and disturbed kinematics of extraplanar gas in five low-mass galaxies. <i>Astronomy and Astrophysics</i> , 2022, 659, A153.	5.1	8
33	THE ODD OFFSET BETWEEN THE GALACTIC DISK AND ITS BAR IN NGC 3906. <i>Astrophysical Journal</i> , 2015, 808, 90.	4.5	6
34	Nonaxisymmetric models of galaxy velocity maps. <i>Astronomy and Astrophysics</i> , 2019, 622, A58.	5.1	5
35	On the classification of ultra-compact nuclear rings. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012046.	0.4	2
36	A prediction about the age of thick discs as a function of the stellar mass of the host galaxy. <i>Astronomy and Astrophysics</i> , 2021, 645, L13.	5.1	2

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37	Examining supernova events in Type 1 active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4419-4429.	4.4	1
38	The origin of thick discs. Proceedings of the International Astronomical Union, 2012, 10, 342-342.	0.0	0
39	The complex multi-component outflow of the Seyfert galaxy NGC 7130 (<i>Corrigendum</i>). Astronomy and Astrophysics, 2021, 649, C3.	5.1	0
40	MUSE-adaptive optics view of the starburst-AGN connection: NGC 7130. Proceedings of the International Astronomical Union, 2019, 15, 209-213.	0.0	0