

Johan H Knapen

List of Publications by Year in descending order

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105
papers

5,578
citations

126907

33
h-index

79698

73
g-index

107
all docs

107
docs citations

107
times ranked

3717
citing authors

#	ARTICLE	IF	CITATIONS
1	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 798, 7.	4.5	1,119
2	The <i>Spitzer</i> Survey of Stellar Structure in Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 1397-1414.	3.1	426
3	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.	7.7	405
4	A Subarcsecond Resolution Near-Infrared Study of Seyfert and "Normal" Galaxies. II. Morphology. <i>Astrophysical Journal</i> , 2000, 529, 93-100.	4.5	266
5	Nested and Single Bars in Seyfert and Non-Seyfert Galaxies. <i>Astrophysical Journal</i> , 2002, 567, 97-117.	4.5	250
6	A CLASSICAL MORPHOLOGICAL ANALYSIS OF GALAXIES IN THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 32.	7.7	217
7	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. <i>Astrophysical Journal</i> , 2014, 788, 144.	4.5	199
8	Bar Evolution over the Last 8 Billion Years: A Constant Fraction of Strong Bars in the GEMS Survey. <i>Astrophysical Journal</i> , 2004, 615, L105-L108.	4.5	174
9	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. <i>Astrophysical Journal</i> , 2012, 744, 17.	4.5	149
10	THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): STELLAR MASSES, SIZES, AND RADIAL PROFILES FOR 2352 NEARBY GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 3.	7.7	111
11	THE IMPACT OF BARS ON DISK BREAKS AS PROBED BY S ⁴ G IMAGING. <i>Astrophysical Journal</i> , 2013, 771, 59.	4.5	101
12	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?. <i>Astrophysical Journal</i> , 2011, 741, 28.	4.5	99
13	A SINFONI VIEW OF GALAXY CENTERS: MORPHOLOGY AND KINEMATICS OF FIVE NUCLEAR STAR-FORMATION RINGS. <i>Astronomical Journal</i> , 2008, 135, 479-495.	4.7	89
14	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). <i>Astrophysical Journal</i> , 2012, 759, 98.	4.5	76
15	Bars and secular evolution in disk galaxies: Theoretical input. , 2013, , 305-352.		76
16	THE H α GALAXY SURVEY. VIII. CLOSE COMPANIONS AND INTERACTIONS, AND THE DEFINITION OF STARBURSTS. <i>Astrophysical Journal</i> , 2009, 698, 1437-1455.	4.5	74
17	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. <i>Astrophysical Journal, Supplement Series</i> , 2010, 190, 147-165.	7.7	74
18	GRAND DESIGN AND FLOCCULENT SPIRALS IN THE <i>SPITZER</i> SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). <i>Astrophysical Journal</i> , 2011, 737, 32.	4.5	74

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19	A Connection between Star Formation in Nuclear Rings and Their Host Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2008, 174, 337-365.	7.7	73
20	Interacting galaxies in the nearby Universe: only moderate increase of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1742-1750.	4.4	65
21	Secular evolution in disk galaxies. , 2013, , 1-154.		55
22	A unified picture of breaks and truncations in spiral galaxies from SDSS and S ⁴ G imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1102-1134.	4.4	53
23	Gasdynamics in NGC 5248: Fueling a Circumnuclear Starburst Ring of Superf Star Clusters. <i>Astrophysical Journal</i> , 2002, 575, 156-177.	4.5	51
24	X-RAY NUCLEAR ACTIVITY IN S ⁴ G BARRED GALAXIES: NO LINK BETWEEN BAR STRENGTH AND CO-OCCURRENT SUPERMASSIVE BLACK HOLE FUELING. <i>Astrophysical Journal</i> , 2013, 776, 50.	4.5	49
25	A physically motivated definition for the size of galaxies in an era of ultradeep imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 87-105.	4.4	49
26	Discovery and Implications of a New Large-Scale Stellar Bar in NGC 5248. <i>Astrophysical Journal</i> , 2002, 570, L55-L59.	4.5	46
27	ON THE ORIGIN OF LOPSIDEDNESS IN GALAXIES AS DETERMINED FROM THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). <i>Astrophysical Journal</i> , 2013, 772, 135.	4.5	45
28	DO BARS DRIVE SPIRAL DENSITY WAVES?. <i>Astronomical Journal</i> , 2009, 137, 4487-4516.	4.7	44
29	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. <i>Astrophysical Journal</i> , 2014, 782, 64.	4.5	44
30	Variation of Galactic Bar Length with Amplitude and Density as Evidence for Bar Growth over a Hubble Time. <i>Astrophysical Journal</i> , 2007, 670, L97-L100.	4.5	42
31	Deficiency of α -Stellar Bars in Seyfert Host Galaxies. <i>Astrophysical Journal</i> , 2000, 535, L83-L86.	4.5	38
32	THE THICK DISK IN THE GALAXY NGC 4244 FROM S ⁴ G IMAGING. <i>Astrophysical Journal</i> , 2011, 729, 18.	4.5	38
33	EARLY-TYPE GALAXIES WITH TIDAL DEBRIS AND THEIR SCALING RELATIONS IN THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G). <i>Astrophysical Journal</i> , 2012, 753, 43.	4.5	35
34	Statistical Properties of Circumnuclear H [CSC] Regions in Nearby Galaxies. <i>Astronomical Journal</i> , 2001, 122, 1350-1364.	4.7	34
35	A Subarcsecond Resolution Near-Infrared Study of Seyfert and Normal Galaxies. I. Imaging Data. <i>Astrophysical Journal, Supplement Series</i> , 1999, 125, 363-407.	7.7	33
36	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. <i>Astrophysical Journal</i> , 2015, 799, 99.	4.5	32

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37	THE ROLE OF BARS IN AGN FUELING IN DISK GALAXIES OVER THE LAST SEVEN BILLION YEARS. <i>Astrophysical Journal</i> , 2015, 802, 137.	4.5	32
38	The number of globular clusters around the iconic UDG DF44 is as expected for dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5921-5934.	4.4	32
39	H \pm kinematics of S4G spiral galaxies – II. Data description and non-circular motions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1004-1024.	4.4	28
40	Pseudobulges in the Disk Galaxies NGC 7690 and NGC 4593. <i>Astrophysical Journal</i> , 2006, 642, 765-774.	4.5	27
41	ON THE CURVATURE OF DUST LANES IN GALACTIC BARS. <i>Astrophysical Journal</i> , 2009, 706, L256-L259.	4.5	27
42	SDSS-IV MaNGA: stellar population gradients within barred galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L6-L11.	3.3	27
43	Are ultra-diffuse galaxies Milky Way-sized?. <i>Astronomy and Astrophysics</i> , 2020, 633, L3.	5.1	26
44	H \pm kinematics of S⁴G spiral galaxies – III. Inner rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1199-1213.	4.4	25
45	A remarkably large depleted core in the Abell 2029 BCG IC 1101. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2321-2333.	4.4	25
46	The GALEX/S⁴G Surface Brightness and Color Profiles Catalog. I. Surface Photometry and Color Gradients of Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 18.	7.7	25
47	Spiral Inflow Feeding the Nuclear Starburst in M83, Observed in H \pm Emission with the GH \pm FaS Fabry-Perot Interferometer. <i>Astrophysical Journal</i> , 2008, 675, L17-L20.	4.5	24
48	Optical imaging for the <i>Spitzer</i> Survey of Stellar Structure in Galaxies. <i>Astronomy and Astrophysics</i> , 2014, 569, A91.	5.1	24
49	Stellar haloes outshine disc truncations in low-inclined spirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2809-2814.	4.4	24
50	Discovery of disc truncations above the galaxiesâ€™ mid-plane in Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 664-691.	4.4	24
51	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
52	Statistics and properties of H II regions in NGC 6814. <i>Astronomical Journal</i> , 1993, 106, 56.	4.7	23
53	NUCLEAR RINGS IN GALAXIES – A KINEMATIC PERSPECTIVE. <i>Astrophysical Journal</i> , 2011, 739, 104.	4.5	21
54	Galaxy morphology. , 2013, , 155-258.		20

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55	Cosmological evolution of galaxies. , 2013, , 555-638.		19
56	EMBEDDED STAR FORMATION IN S ⁴ G GALAXY DUST LANES. Astrophysical Journal, 2014, 780, 32.	4.5	18
57	THE <i>GALEX</i> /S ⁴ G UV-IR COLOR-COLOR DIAGRAM: CATCHING SPIRAL GALAXIES AWAY FROM THE BLUE SEQUENCE. Astrophysical Journal Letters, 2015, 800, L19.	8.3	17
58	The centres of M83 and the Milky Way: opposite extremes of a common star formation cycle. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4310-4337.	4.4	16
59	The Black Hole Mass-Color Relations for Early- and Late-type Galaxies: Red and Blue Sequences. Astrophysical Journal, 2020, 898, 83.	4.5	16
60	STARBURSTS ARE PREFERENTIALLY INTERACTING: CONFIRMATION FROM THE NEAREST GALAXIES. Astrophysical Journal Letters, 2015, 807, L16.	8.3	15
61	Fuelling Starbursts and AGN. Astrophysics and Space Science Library, 2004, , 189-206.	2.7	15
62	Spitzer/Infrared Array Camera near-infrared features in the outer parts of S4G galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3015-3039.	4.4	14
63	Complex central structures suggest complex evolutionary paths for barred S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3800-3811.	4.4	14
64	The nuclear activity and central structure of the elliptical galaxy NGC 5322. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4670-4682.	4.4	14
65	Ultramassive Black Holes in the Most Massive Galaxies: M_{BH}^{eff} versus M_{BH}^{R} . Astrophysical Journal, 2021, 908, 134.	4.5	14
66	THE S ⁴ G PERSPECTIVE ON CIRCUMSTELLAR DUST EXTINCTION OF ASYMPTOTIC GIANT BRANCH STARS IN M100. Astrophysical Journal Letters, 2012, 748, L30.	8.3	14
67	INGRID: A near-infrared camera for the William Herschel Telescope. Monthly Notices of the Royal Astronomical Society, 2003, 345, 395-405.	4.4	12
68	GLOBULAR CLUSTER POPULATIONS: FIRST RESULTS FROM S ⁴ G EARLY-TYPE GALAXIES. Astrophysical Journal, 2015, 799, 159.	4.5	10
69	SDSS-IV MaNGA: A SERENDIPITOUS OBSERVATION OF A POTENTIAL GAS ACCRETION EVENT. Astrophysical Journal, 2016, 832, 182.	4.5	10
70	The complex multi-component outflow of the Seyfert galaxy NGC 7130. Astronomy and Astrophysics, 2021, 645, A130.	5.1	10
71	Capturing the Physics of MaNGA Galaxies with Self-supervised Machine Learning. Astrophysical Journal, 2021, 921, 177.	4.5	10
72	A pilot study for the SCUBA-2 All-Sky Survey. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1950-1960.	4.4	8

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73	GLOBULAR CLUSTER POPULATIONS: RESULTS INCLUDING $S_{4</sup>G}$ LATE-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2016, 818, 99.	4.5	8
74	Massive star formation in galaxies with excess ultraviolet emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3135-3146.	4.4	7
75	MUSE observations of the counter-rotating nuclear ring in NGC 7742. <i>Astronomy and Astrophysics</i> , 2018, 612, A66.	5.1	7
76	THE ODD OFFSET BETWEEN THE GALACTIC DISK AND ITS BAR IN NGC 3906. <i>Astrophysical Journal</i> , 2015, 808, 90.	4.5	6
77	Triggered star formation in a merging, gas-rich dwarf galaxy around NGC 7241. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2473-2485.	4.4	5
78	Ultra-Deep Imaging: Structure of Disks and Haloes. <i>Astrophysics and Space Science Library</i> , 2017, , 255-289.	2.7	5
79	Circumnuclear Star-Forming Regions in Barred Galaxies. <i>Astrophysics and Space Science</i> , 1999, 269/270, 605-608.	1.4	3
80	Stars and bars. <i>Astronomy and Geophysics</i> , 2005, 46, 6.28-6.33.	0.2	3
81	Adaptive optics imaging and TAURUS 2-D spectroscopy of galaxy cores. <i>New Astronomy Reviews</i> , 2001, 45, 73-75.	12.8	2
82	Fueling and Morphology of Central Starbursts. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
83	On the classification of ultra-compact nuclear rings. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012046.	0.4	2
84	Kinematical evidence for secular evolution in <i><i>Spitzer Survey of Stellar Structure in Galaxies</i></i> ($S_{4</sup>G}$) spirals. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 328-328.	0.0	2
85	Interactions, Starbursts, and Star Formation. <i>Galaxies</i> , 2015, 3, 220-226.	3.0	2
86	Evolution and Impact of Bars over the Last Nine Gyr: Early Results from GEMS. <i>Astrophysics and Space Science Library</i> , 2004, , 291-300.	2.7	2
87	BARRED GALAXIES AND GALAXY EVOLUTION. , 2007, , 175-180.		2
88	Circumnuclear Star Formation in M100. <i>Astrophysics and Space Science</i> , 2001, 276, 405-412.	1.4	1
89	Liverpool Telescope 2: beginning the design phase. , 2016, , .		1
90	Circumnuclear Regions and their Barred Host Galaxies. <i>Astrophysics and Space Science</i> , 2001, 276, 625-631.	1.4	0

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91	The Circumnuclear Starburst in M83. AIP Conference Proceedings, 2005, , .	0.4	0
92	Stellar and Gas Kinematics in the Core and Bar Regions of M100. AIP Conference Proceedings, 2005, , .	0.4	0
93	Structure and evolution of star-forming gas in late-type spiral galaxies. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
94	Physical conditions of ionized gas and stellar populations in circumnuclear starbursts. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
95	Star Formation in the Central Regions of Galaxies. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 125-132.	0.3	0
96	Spectroscopic follow-up of the colliding-wind binary WR 140 during the 2009 January periastron passage. Proceedings of the International Astronomical Union, 2010, 6, 501-502.	0.0	0
97	Variability monitoring of OB stars during the Mons campaign. Proceedings of the International Astronomical Union, 2010, 6, 414-415.	0.0	0
98	Morphology, Kinematics and Star Formation in Spiral Galaxies in the <i>Spitzer</i> Survey of Stellar Structure in Galaxies ($S^{4}G$). Proceedings of the International Astronomical Union, 2012, 8, 155-155.	0.0	0
99	Gas, dust and star formation in nearby galaxies as seen with the JCMT. Proceedings of the International Astronomical Union, 2012, 8, 338-338.	0.0	0
100	Interactions and star formation. Proceedings of the International Astronomical Union, 2015, 11, 236-239.	0.0	0
101	On the colors of barlenses and their link to B/P bulges. Proceedings of the International Astronomical Union, 2016, 11, 263-265.	0.0	0
102	DAGAL: Detailed Anatomy of Galaxies. Proceedings of the International Astronomical Union, 2016, 11, 254-256.	0.0	0
103	The complex multi-component outflow of the Seyfert galaxy NGC 7130 (<i>Corrigendum</i>). Astronomy and Astrophysics, 2021, 649, C3.	5.1	0
104	Extended Point-spread Functions for Deep Astronomical Imaging Surveys. Research Notes of the AAS, 2020, 4, 124.	0.7	0
105	A COOL GAS RING IN M100. , 2007, , 207-210.		0