## Pieter van Dokkum

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Spatially Resolved Stellar Spectroscopy of the Ultra-diffuse Galaxy Dragonfly 44. III. Evidence for an Unexpected Star Formation History under Conventional Galaxy Evolution Processes. Astrophysical Journal, 2022, 924, 32.	4.5	11
2	A Method to Characterize the Wide-angle Point-Spread Function of Astronomical Images. Astrophysical Journal, 2022, 925, 219.	4.5	8
3	Fast, Slow, Early, Late: Quenching Massive Galaxies at z â^1⁄4 0.8. Astrophysical Journal, 2022, 926, 134.	4.5	70
4	LEGA-C: Analysis of Dynamical Masses from Ionized Gas and Stellar Kinematics at z â^1⁄4 0.8. Astrophysical Journal, 2022, 928, 126.	4.5	2
5	Blue Rest-frame UV-optical Colors in z â^¼ 8 Galaxies from GREATS: Very Young Stellar Populations at â^¼650 Myr of Cosmic Time. Astrophysical Journal, 2022, 927, 48.	4.5	24
6	NGC 5846-UDG1: A Galaxy Formed Mostly by Star Formation in Massive, Extremely Dense Clumps of Gas. Astrophysical Journal Letters, 2022, 927, L28.	8.3	23
7	A Giant Shell of Ionized Gas Discovered near M82 with the Dragonfly Spectral Line Mapper Pathfinder. Astrophysical Journal, 2022, 927, 136.	4.5	2
8	A trail of dark-matter-free galaxies from a bullet-dwarf collision. Nature, 2022, 605, 435-439.	27.8	32
9	Stellar Halos from the The Dragonfly Edge-on Galaxies Survey. Astrophysical Journal, 2022, 932, 44.	4.5	7
10	Dark Matter Halo Masses from Abundance Matching and Kinematics: Tensions for the Milky Way and M31. Research Notes of the AAS, 2021, 5, 23.	0.7	10
11	Measuring Distances to Low-luminosity Galaxies Using Surface Brightness Fluctuations. Astrophysical Journal, 2021, 908, 24.	4.5	26
12	The Dragonfly Wide Field Survey. II. Accurate Total Luminosities and Colors of Nearby Massive Galaxies and Implications for the Galaxy Stellar-mass Function. Astrophysical Journal, 2021, 909, 74.	4.5	7
13	A Complex Luminosity Function for the Anomalous Globular Clusters in NGC 1052-DF2 and NGC 1052-DF4 and NGC 1052-DF4. Astrophysical Journal, 2021, 909, 179.	4.5	19
14	The Geometry of Cold, Metal-enriched Gas around Galaxies at z â^1⁄4 1.2. Astrophysical Journal, 2021, 913, 50.	4.5	14
15	A Recently Quenched Isolated Dwarf Galaxy Outside of the Local Group Environment. Astrophysical Journal Letters, 2021, 914, L23.	8.3	16
16	A Tip of the Red Giant Branch Distance of 22.1 ± 1.2 Mpc to the Dark Matter Deficient Galaxy NGC 1052–DF2 from 40 Orbits of Hubble Space Telescope Imaging. Astrophysical Journal Letters, 2021, 914, L12.	8.3	35
17	On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo. Astrophysical Journal, 2021, 916, 27.	4.5	25
18	Spatially resolved star formation and inside-out quenching in the TNG50 simulation and 3D-HST observations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 219-235.	4.4	56

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19	Variation in the Stellar Initial Mass Function from the Chromospheric Activity of M Dwarfs in Early-type Galaxies. Astrophysical Journal, 2021, 923, 43.	4.5	3
20	Bayesian Fitting of Multi-Gaussian Expansion Models to Galaxy Images. Astrophysical Journal, 2021, 923, 124.	4.5	5
21	The Spitzer/IRAC Legacy over the GOODS Fields: Full-depth 3.6, 4.5, 5.8, and 8.0 μm Mosaics and Photometry for >9000 Galaxies at z â^¼ 3.5–10 from the GOODS Reionization Era Wide-area Treasury from Spitzer (GREATS). Astrophysical Journal, Supplement Series, 2021, 257, 68.	7.7	15
22	A Tip of the Red Giant Branch Distance to the Dark Matter Deficient Galaxy NGC 1052-DF4 from Deep Hubble Space Telescope Data. Astrophysical Journal Letters, 2020, 895, L4.	8.3	36
23	Multi-resolution Filtering: An Empirical Method for Isolating Faint, Extended Emission in Dragonfly Data and Other Low Resolution Images. Publications of the Astronomical Society of the Pacific, 2020, 132, 074503.	3.1	16
24	Timing the Early Assembly of the Milky Way with the H3 Survey. Astrophysical Journal Letters, 2020, 897, L18.	8.3	77
25	The Regulation of Galaxy Growth along the Size–Mass Relation by Star Formation, as Traced by Hα in KMOS <sup>3D</sup> Galaxies at 0.7Å≲ÂzÂ≲Â2.7*. Astrophysical Journal, 2020, 892, 1.	4.5	54
26	A New Census of the 0.2Â<ÂzÂ<Â3.0 Universe. I. The Stellar Mass Function. Astrophysical Journal, 2020, 893, 111.	4.5	71
27	Measuring Star Formation Histories, Distances, and Metallicities with Pixel Color–Magnitude Diagrams. II. Applications to Nearby Elliptical Galaxies. Astrophysical Journal, 2020, 893, 160.	4.5	3
28	Spectroscopic Constraints on the Buildup of Intracluster Light in the Coma Cluster. Astrophysical Journal, 2020, 894, 32.	4.5	12
29	The Dragonfly Wide Field Survey. I. Telescope, Survey Design, and Data Characterization. Astrophysical Journal, 2020, 894, 119.	4.5	35
30	The Dragonfly Edge-on Galaxies Survey: Shaping the Outer disk of NGC 4565 via Accretion. Astrophysical Journal, 2020, 897, 108.	4.5	11
31	On the Evolution of the Globular Cluster System in NGC 1052-DF2: Dynamical Friction, Globular–Globular Interactions, and Galactic Tides. Astrophysical Journal, 2020, 903, 149.	4.5	13
32	Measuring Star Formation Histories, Distances, and Metallicities with Pixel Color–Magnitude Diagrams. I. Model Definition and Mock Tests. Astrophysical Journal, 2019, 876, 78.	4.5	8
33	On the Detectability of Visible-wavelength Line Emission from the Local Circumgalactic and Intergalactic Medium. Astrophysical Journal, 2019, 877, 4.	4.5	10
34	COSMOS-DASH: The Evolution of the Galaxy Size–Mass Relation since zÂâ^1⁄4Â3 from New Wide-field WFC3 Imaging Combined with CANDELS/3D-HST. Astrophysical Journal, 2019, 880, 57.	4.5	118
35	Spatially Resolved Stellar Kinematics of the Ultra-diffuse Galaxy Dragonfly 44. II. Constraints on Fuzzy Dark Matter. Astrophysical Journal, 2019, 885, 155.	4.5	33
36	Spatially Resolved Stellar Kinematics of the Ultra-diffuse Galaxy Dragonfly 44. I. Observations, Kinematics, and Cold Dark Matter Halo Fits. Astrophysical Journal, 2019, 880, 91.	4.5	76

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37	The Brightest zÂ≳Â8 Galaxies over the COSMOS UltraVISTA Field. Astrophysical Journal, 2019, 883, 99.	4.5	77
38	The Hubble Legacy Field GOODS-S Photometric Catalog. Astrophysical Journal, Supplement Series, 2019, 244, 16.	7.7	47
39	Galaxy Merger Fractions in Two Clusters at Using the Hubble Space Telescope. Astrophysical Journal, 2019, 874, 63.	4.5	22
40	An Older, More Quiescent Universe from Panchromatic SED Fitting of the 3D-HST Survey. Astrophysical Journal, 2019, 877, 140.	4.5	156
41	High-redshift Massive Quiescent Galaxies Are as Flat as Star-forming Galaxies: The Flattening of Galaxies and the Correlation with Structural Properties in CANDELS/3D-HST. Astrophysical Journal, 2019, 871, 76.	4.5	17
42	Revisiting the Size–Luminosity Relation in the Era of Ultra Diffuse Galaxies. Astrophysical Journal, 2019, 875, 155.	4.5	20
43	A Second Galaxy Missing Dark Matter in the NGC 1052 Group. Astrophysical Journal Letters, 2019, 874, L5.	8.3	129
44	Still Missing Dark Matter: KCWI High-resolution Stellar Kinematics of NGC1052-DF2. Astrophysical Journal Letters, 2019, 874, L12.	8.3	82
45	HST F160W Imaging of Very Massive Galaxies at 1.5Â<ÂzÂ<Â3.0: Diversity of Structures and the Effect of Close Pairs on Number Density Estimates. Astrophysical Journal, 2019, 871, 201.	4.5	11
46	A Mass-dependent Slope of the Galaxy Size–Mass Relation out to zÂâ^¼Â3: Further Evidence for a Direct Relation between Median Galaxy Size and Median Halo Mass. Astrophysical Journal Letters, 2019, 872, L13.	8.3	56
47	A New View of the Size–Mass Distribution of Galaxies: Using r <sub>20</sub> and r <sub>80</sub> Instead of r <sub>50</sub> . Astrophysical Journal Letters, 2019, 872, L14.	8.3	25
48	An older, more quiescent universe from panchromatic SED fitting of the 3D-HST survey. Proceedings of the International Astronomical Union, 2019, 15, 99-102.	0.0	0
49	Dragonfly Imaging of the Galaxy NGC 5907: A Different View of the Iconic Stellar Stream. Astrophysical Journal Letters, 2019, 883, L32.	8.3	25
50	Anomalously Narrow Line Widths of Compact Massive Star-forming Galaxies at zÂâ^1⁄4Â2.3: A Possible Inclination Bias in the Size–Mass Plane. Astrophysical Journal Letters, 2019, 886, L28.	8.3	4
51	On the Orbital Decay of Globular Clusters in NGC 1052-DF2: Testing a Baryon-only Mass Model. Astrophysical Journal, 2019, 877, 133.	4.5	22
52	The Distance to NGC 1042 in the Context of its Proposed Association with the Dark Matter-deficient Galaxies NGC 1052-DF2 and NGC 1052-DF4. Research Notes of the AAS, 2019, 3, 29.	0.7	9
53	Hunting Faint Dwarf Galaxies in the Field Using Integrated Light Surveys. Astrophysical Journal, 2018, 856, 69.	4.5	46
54	An Enigmatic Population of Luminous Globular Clusters in a Galaxy Lacking Dark Matter. Astrophysical Journal Letters, 2018, 856, L30.	8.3	74

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55	Spatially Resolved Stellar Kinematics from LEGA-C: Increased Rotational Support in zÂâ^1⁄4Â0.8 Quiescent Galaxies. Astrophysical Journal, 2018, 858, 60.	4.5	52
56	The Dragonfly Nearby Galaxies Survey. IV. A Giant Stellar Disk in NGC 2841. Astrophysical Journal, 2018, 855, 78.	4.5	17
57	A galaxy lacking dark matter. Nature, 2018, 555, 629-632.	27.8	268
58	Hot Dust in Panchromatic SED Fitting: Identification of Active Galactic Nuclei and Improved Galaxy Properties. Astrophysical Journal, 2018, 854, 62.	4.5	54
59	A Complete Census of Luminous Stellar Variability on Day to Decade Timescales. Astrophysical Journal, 2018, 864, 111.	4.5	26
60	Molecular Gas Contents and Scaling Relations for Massive, Passive Galaxies at Intermediate Redshifts from the LEGA-C Survey. Astrophysical Journal, 2018, 860, 103.	4.5	48
61	A Deficit of Dark Matter from Jeans Modeling of the Ultra-diffuse Galaxy NGC 1052-DF2. Astrophysical Journal Letters, 2018, 863, L15.	8.3	31
62	Complete IRAC Mapping of the CFHTLS-DEEP, MUSYC, and NMBS-II Fields. Publications of the Astronomical Society of the Pacific, 2018, 130, 124501.	3.1	10
63	The SLUGCS Survey: The Inner Dark Matter Density Slope of the Massive Elliptical Galaxy NGC 1407. Astrophysical Journal, 2018, 863, 130.	4.5	16
64	The Dragonfly Nearby Galaxies Survey. V. HST/ACS Observations of 23 Low Surface Brightness Objects in the Fields of NGC 1052, NGC 1084, M96, and NGC 4258. Astrophysical Journal, 2018, 868, 96.	4.5	66
65	The Distance of the Dark Matter Deficient Galaxy NGC 1052–DF2. Astrophysical Journal Letters, 2018, 864, L18.	8.3	45
66	Stellar Populations of over 1000 zÂâ^1⁄4Â0.8 Galaxies from LEGA-C: Ages and Star Formation Histories from D <sub>n</sub> 4000 and Hl´. Astrophysical Journal, 2018, 855, 85.	4.5	45
67	The Stellar Populations of Two Ultra-diffuse Galaxies from Optical and Near-infrared Photometry. Astrophysical Journal, 2018, 858, 29.	4.5	46
68	Low Metallicities and Old Ages for Three Ultra-diffuse Galaxies in the Coma Cluster. Astrophysical Journal, 2018, 859, 37.	4.5	56
69	The Maybe Stream: A Possible Cold Stellar Stream in the Ultra-diffuse Galaxy NGC1052-DF2. Research Notes of the AAS, 2018, 2, 16.	0.7	27
70	A Revised Velocity for the Globular Cluster GC-98 in the Ultra Diffuse Galaxy NGC 1052-DF2. Research Notes of the AAS, 2018, 2, 54.	0.7	25
71	Near-infrared Spectroscopy of Five Ultra-massive Galaxies at 1.7Â<ÂzÂ<Â2.7. Astrophysical Journal, 2017, 838, 57.	4.5	8
72	Ultra-diffuse and Ultra-compact Galaxies in the Frontier Fields Cluster Abell 2744. Astrophysical Journal Letters, 2017, 839, L17.	8.3	55

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73	KMOS <sup>3D</sup> Reveals Low-level Star Formation Activity in Massive Quiescent Galaxies at 0.7Â<ÂzÂ<Â2.7 <sup>â^—</sup> . Astrophysical Journal Letters, 2017, 841, L6.	8.3	44
74	The Stellar Initial Mass Function in Early-type Galaxies from Absorption Line Spectroscopy. III. Radial Gradients. Astrophysical Journal, 2017, 841, 68.	4.5	126
75	The Dragonfly Nearby Galaxies Survey. III. The Luminosity Function of the M101 Group. Astrophysical Journal, 2017, 837, 136.	4.5	67
76	The Mass, Color, and Structural Evolution of Today's Massive Galaxies Since zÂâ^1⁄4Â5. Astrophysical Journal, 2017, 837, 147.	4.5	44
77	Extensive Globular Cluster Systems Associated with Ultra Diffuse Galaxies in the Coma Cluster. Astrophysical Journal Letters, 2017, 844, L11.	8.3	104
78	The Size Evolution of Star-forming Galaxies since zÂâ^¼Â7 Using ZFOURGE. Astrophysical Journal Letters, 2017, 834, L11.	8.3	57
79	Evidence of Absence of Tidal Features in the Outskirts of Ultra Diffuse Galaxies in the Coma Cluster. Astrophysical Journal, 2017, 851, 27.	4.5	30
80	Initial Mass Function Variability (or Not) among Low-velocity Dispersion, Compact Stellar Systems. Astrophysical Journal Letters, 2017, 850, L14.	8.3	25
81	The Initial Mass Function in the Nearest Strong Lenses from SNELLS: Assessing the Consistency of Lensing, Dynamical, and Spectroscopic Constraints. Astrophysical Journal, 2017, 845, 157.	4.5	49
82	The Extended IRTF Spectral Library: Expanded Coverage in Metallicity, Temperature, and Surface Gravity. Astrophysical Journal, Supplement Series, 2017, 230, 23.	7.7	65
83	Future Prospects: Deep Imaging of Galaxy Outskirts Using Telescopes Large and Small. Astrophysics and Space Science Library, 2017, , 333-358.	2.7	2
84	Effect of Local Environment and Stellar Mass on Galaxy Quenching and Morphology at 0.5 < z < 2.0 <sup>*</sup> . Astrophysical Journal, 2017, 847, 134.	4.5	106
85	AGES OF MASSIVE GALAXIES AT 0.5 > z > 2.0 FROM 3D-HST REST-FRAME OPTICAL SPECTROSCOPY. Astrophysical Journal, 2016, 822, 1.	4.5	37
86	THE DRAGONFLY NEARBY GALAXIES SURVEY. II. ULTRA-DIFFUSE GALAXIES NEAR THE ELLIPTICAL GALAXY NGC 5485. Astrophysical Journal, 2016, 833, 168.	4.5	101
87	THE DRAGONFLY NEARBY GALAXIES SURVEY. I. SUBSTANTIAL VARIATION IN THE DIFFUSE STELLAR HALOS AROUND SPIRAL GALAXIES. Astrophysical Journal, 2016, 830, 62.	4.5	103
88	A HIGH STELLAR VELOCITY DISPERSION AND â^1⁄4100 GLOBULAR CLUSTERS FOR THE ULTRA-DIFFUSE GALAXY DRAGONFLY 44. Astrophysical Journal Letters, 2016, 828, L6.	8.3	193
89	THE FOURSTAR GALAXY EVOLUTION SURVEY (ZFOURGE): ULTRAVIOLET TO FAR-INFRARED CATALOGS, MEDIUM-BANDWIDTH PHOTOMETRIC REDSHIFTS WITH IMPROVED ACCURACY, STELLAR MASSES, AND CONFIRMATION OF QUIESCENT GALAXIES TO zÂâ^¼Â3.5*. Astrophysical Journal, 2016, 830, 51.	4.5	166
90	Probing Galactic Outskirts with Dragonfly. Proceedings of the International Astronomical Union, 2016, 11, 137-146.	0.0	1

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91	THE EVOLUTION OF METALLICITY AND METALLICITY GRADIENTS FROM z = 2.7 TO 0.6 WITH KMOS <sup>3D</sup> . Astrophysical Journal, 2016, 827, 74.	4.5	109
92	THE SIZES OF MASSIVE QUIESCENT AND STAR-FORMING GALAXIES AT <i>z</i> â^¼ 4 WITH ZFOURGE AND CANDELS. Astrophysical Journal Letters, 2015, 808, L29.	8.3	64
93	The formation of massive, compact galaxies at zÂ=Â2 in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2015, 449, 361-372.	4.4	187
94	Episodic molecular outflow in the very young protostellar cluster Serpens South. Nature, 2015, 527, 70-73.	27.8	68
95	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT 0.8 < <i>z</i> < 2.6. Astrophysical Journal Letters, 2014, 789, L40.	8.3	96
96	GALAXY STELLAR MASS FUNCTIONS FROM ZFOURGE/CANDELS: AN EXCESS OF LOW-MASS GALAXIES SINCE <i>z</i> = 2 AND THE RAPID BUILDUP OF QUIESCENT GALAXIES. Astrophysical Journal, 2014, 783, 85.	4.5	350
97	EXPLORING THE <i>z</i> = 3-4 MASSIVE GALAXY POPULATION WITH ZFOURGE: THE PREVALENCE OF DUSTY AND QUIESCENT GALAXIES. Astrophysical Journal Letters, 2014, 787, L36.	8.3	80
98	HOW DEAD ARE DEAD GALAXIES? MID-INFRARED FLUXES OF QUIESCENT GALAXIES AT REDSHIFT 0.3 < <i>z</i> < 2.5: IMPLICATIONS FOR STAR FORMATION RATES AND DUST HEATING. Astrophysical Journal, 2014, 796, 35.	4.5	75
99	THE NATURE OF EXTREME EMISSION LINE GALAXIES AT <i>z</i> = 1-2: KINEMATICS AND METALLICITIES FROM NEAR-INFRARED SPECTROSCOPY. Astrophysical Journal, 2014, 791, 17.	4.5	97
100	A SUBSTANTIAL POPULATION OF MASSIVE QUIESCENT GALAXIES AT <i>z</i> â^¼ 4 FROM ZFOURGE. Astrophysical Journal Letters, 2014, 783, L14.	8.3	171
101	A massive galaxy in its core formation phase three billion years after the Big Bang. Nature, 2014, 513, 394-397.	27.8	71
102	THE DISCOVERY OF SEVEN EXTREMELY LOW SURFACE BRIGHTNESS GALAXIES IN THE FIELD OF THE NEARBY SPIRAL GALAXY M101. Astrophysical Journal Letters, 2014, 787, L37.	8.3	99
103	MASSIVE AND NEWLY DEAD: DISCOVERY OF A SIGNIFICANT POPULATION OF GALAXIES WITH HIGH-VELOCITY DISPERSIONS AND STRONG BALMER LINES AT <i>z</i> â <sup>1</sup> /4 1.5 FROM DEEP KECK SPECTRA AND <i>HST</i> /WF IMAGING. Astrophysical Journal Letters, 2013, 764, L8.	C <b>8.</b> 3	58
104	TRACING GALAXIES THROUGH COSMIC TIME WITH NUMBER DENSITY SELECTION. Astrophysical Journal, 2013, 766, 33.	4.5	74
105	A PUBLIC <i> K <sub>s</sub> </i> -SELECTED CATALOG IN THE COSMOS/ULTRAVISTA FIELD: PHOTOMETRY, PHOTOMETRIC REDSHIFTS, AND STELLAR POPULATION PARAMETERS <sup>,</sup> . Astrophysical Journal, Supplement Series, 2013, 206, 8.	7.7	331
106	A STRONGLY LENSED MASSIVE ULTRACOMPACT QUIESCENT GALAXY AT <i>z</i> â^¼ 2.4 IN THE COSMOS/UltraVISTA FIELD. Astrophysical Journal, 2012, 761, 142.	4.5	17
107	LARGE-SCALE STAR-FORMATION-DRIVEN OUTFLOWS AT 1 < <i>z</i> < 2 IN THE 3D-HST SURVEY. Astrophysical Journal, 2012, 760, 49.	4.5	24
108	Hα Equivalent Widths from the 3D-HST survey: evolution with redshift and dependence on stellar mass. Proceedings of the International Astronomical Union, 2012, 8, 91-91.	0.0	0

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109	Which Galaxy Property Best Predicts Quiescence?. Proceedings of the International Astronomical Union, 2012, 8, 177-177.	0.0	0
110	COUNTING LOW-MASS STARS IN INTEGRATED LIGHT. Astrophysical Journal, 2012, 747, 69.	4.5	198
111	Hα EQUIVALENT WIDTHS FROM THE 3D-HST SURVEY: EVOLUTION WITH REDSHIFT AND DEPENDENCE ON STELLAR MASS. Astrophysical Journal Letters, 2012, 757, L22.	8.3	91
112	THE EVOLVING RELATIONS BETWEEN SIZE, MASS, SURFACE DENSITY, AND STAR FORMATION IN 3 × 10 <sup>4</sup> GALAXIES SINCE <i>z</i> = 2. Astrophysical Journal, 2010, 713, 738-750.	4.5	212
113	DETECTION OF QUIESCENT GALAXIES IN A BICOLOR SEQUENCE FROM <i>Z</i> = 0-2. Astrophysical Journal, 2009, 691, 1879-1895.	4.5	715
114	The Spitzer Warm Mission: Prospects for Studies of the Distant Universe. AIP Conference Proceedings, 2007, , .	0.4	0
115	Spectroscopic Confirmation of Multiple Red Galaxy-Galaxy Mergers in MS 1054-03 ( z = 0.83). Astrophysical Journal, 2005, 627, L25-L28.	4.5	96
116	E+A galaxies in intermediate redshift clusters. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	1