

# Sedona H Price

## List of Publications by Year in descending order

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63  
papers

4,453  
citations

101543

36  
h-index

114465

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63  
docs citations

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times ranked

2854  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE 3D-HST SURVEY: <i>HUBBLE SPACE TELESCOPE</i> WFC3/G141 GRISM SPECTRA, REDSHIFTS, AND EMISSION LINE MEASUREMENTS FOR $\sim 100,000$ GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 27.	7.7	513
2	THE MOSDEF DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR $\sim 1500$ <i>H</i>-SELECTED GALAXIES AT $1.37 \leq z \leq 3.8$ . <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 15.	7.7	312
3	THE MOSDEF SURVEY: MEASUREMENTS OF BALMER DECREMENTS AND THE DUST ATTENUATION CURVE AT REDSHIFTS $1.4 \leq z \leq 2.6$ . <i>Astrophysical Journal</i> , 2015, 806, 259.	4.5	278
4	THE MOSDEF SURVEY: ELECTRON DENSITY AND IONIZATION PARAMETER AT $z \sim 2.3^*$ . <i>Astrophysical Journal</i> , 2016, 816, 23.	4.5	218
5	THE MOSDEF SURVEY: MASS, METALLICITY, AND STAR-FORMATION RATE AT $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2015, 799, 138.	4.5	211
6	THE MOSDEF SURVEY: EXCITATION PROPERTIES OF $z \sim 2.3$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 801, 88.	4.5	196
7	DIRECT MEASUREMENTS OF DUST ATTENUATION IN $z \sim 1.5$ STAR-FORMING GALAXIES FROM 3D-HST: IMPLICATIONS FOR DUST GEOMETRY AND STAR FORMATION RATES. <i>Astrophysical Journal</i> , 2014, 788, 86.	4.5	150
8	The MOSDEF Survey: The Evolution of the Mass–Metallicity Relation from $z = 0$ to $z \sim 3.3^*$ . <i>Astrophysical Journal</i> , 2021, 914, 19.	4.5	124
9	The KMOS <sup>3D</sup> Survey: Demographics and Properties of Galactic Outflows at $z = 0.6 \leq z \leq 2.7^*$ . <i>Astrophysical Journal</i> , 2019, 875, 21.	4.5	118
10	The MOSDEF survey: direct-method metallicities and ISM conditions at $z \sim 1.5 \leq z \leq 3.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1427-1455.	4.4	116
11	THE MOSDEF SURVEY: OPTICAL ACTIVE GALACTIC NUCLEUS DIAGNOSTICS AT $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2015, 801, 35.	4.5	111
12	The MOSDEF Survey: A Stellar Mass–SFR–Metallicity Relation Exists at $z \sim 2.3 <sup>\hat{=}</sup>$ . <i>Astrophysical Journal</i> , 2018, 858, 99.	4.5	108
13	THE MOSDEF SURVEY: DISSECTING THE STAR FORMATION RATE VERSUS STELLAR MASS RELATION USING $H\alpha$ AND $H\beta$ EMISSION LINES AT $z \sim 2$ . <i>Astrophysical Journal</i> , 2015, 815, 98.	4.5	101
14	Half-mass Radii for $\sim 7000$ Galaxies at $1.0 \leq z \leq 2.5$ : Most of the Evolution in the Mass–Size Relation Is Due to Color Gradients. <i>Astrophysical Journal</i> , 2019, 877, 103.	4.5	90
15	The MOSDEF Survey: Direct Observational Constraints on the Ionizing Photon Production Efficiency, $\hat{\Gamma}_{\text{ion}}$ , at $z \sim 2$ . <i>Astrophysical Journal</i> , 2018, 855, 42.	4.5	88
16	The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \sim 2.6$ to $z \sim 0.6$ with KMOS <sup>3D</sup> <sup>–</sup>. <i>Astrophysical Journal</i> , 2019, 880, 48.	4.5	84
17	The MOSDEF Survey: Significant Evolution in the Rest-frame Optical Emission Line Equivalent Widths of Star-forming Galaxies at $z = 1.4 \leq z \leq 3.8$ . <i>Astrophysical Journal</i> , 2018, 869, 92.	4.5	83
18	THE MOSDEF SURVEY: AGN MULTI-WAVELENGTH IDENTIFICATION, SELECTION BIASES, AND HOST GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2017, 835, 27.	4.5	79

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19	The KMOS <sup>3D</sup> Survey: Data Release and Final Survey Paper*. Astrophysical Journal, 2019, 886, 124.	4.5	79
20	The MOSDEF Survey: The Variation of the Dust Attenuation Curve with Metallicity. Astrophysical Journal, 2020, 899, 117.	4.5	77
21	Kiloparsec Scale Properties of Star Formation Driven Outflows at $z \sim 2.3$ in the SINS/zC-SINF AO Survey*. Astrophysical Journal, 2019, 873, 122.	4.5	65
22	THE MOSDEF SURVEY: DYNAMICAL AND BARYONIC MASSES AND KINEMATIC STRUCTURES OF STAR-FORMING GALAXIES AT $1.4 < z < 2.6$ . Astrophysical Journal, 2016, 819, 80.	4.5	61
23	Rotation Curves in $z \sim 2$ Star-forming Disks: Evidence for Cored Dark Matter Distributions. Astrophysical Journal, 2020, 902, 98.	4.5	55
24	The multiphase gas structure and kinematics in the circumnuclear region of NGC 5728. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5860-5887.	4.4	54
25	The Regulation of Galaxy Growth along the Size-Mass Relation by Star Formation, as Traced by $H\alpha$ in KMOS <sup>3D</sup> Galaxies at $0.7 < z < 2.7$ . Astrophysical Journal, 2020, 892, 1.	4.5	54
26	THE MOSDEF SURVEY: DETECTION OF $[O III]\lambda 4363$ AND THE DIRECT-METHOD OXYGEN ABUNDANCE OF A STAR-FORMING GALAXY AT $z = 3.08$ . Astrophysical Journal Letters, 2016, 825, L23.	8.3	52
27	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z \sim 3.8$ . Astrophysical Journal, 2019, 886, 11.	4.5	50
28	THE MOSDEF SURVEY: THE STRONG AGREEMENT BETWEEN $H\alpha$ AND UV-TO-FIR STAR FORMATION RATES FOR $z \sim 2$ STAR-FORMING GALAXIES*. Astrophysical Journal Letters, 2016, 820, L23.	8.3	47
29	Half-mass Radii of Quiescent and Star-forming Galaxies Evolve Slowly from $0 < z < 2.5$ : Implications for Galaxy Assembly Histories*. Astrophysical Journal Letters, 2019, 885, L22.	8.3	47
30	The MOSDEF Survey: The First Direct Measurements of the Nebular Dust Attenuation Curve at High Redshift*. Astrophysical Journal, 2020, 902, 123.	4.5	46
31	Ionized and Molecular Gas Kinematics in a $z \sim 1.4$ Star-forming Galaxy*. Astrophysical Journal Letters, 2018, 854, L24.	8.3	43
32	The MOSDEF Survey: Metallicity Dependence of PAH Emission at High Redshift and Implications for $24 < \lambda < 4 \mu m$ Inferred IR Luminosities and Star Formation Rates at $z < 2$ . Astrophysical Journal, 2017, 837, 157.	4.5	42
33	Spatially Resolved Kinematics in the Central 1 kpc of a Compact Star-forming Galaxy at $z \sim 2.3$ from ALMA CO Observations. Astrophysical Journal Letters, 2017, 851, L40.	8.3	42
34	The MOSDEF Survey: Sulfur Emission-line Ratios Provide New Insights into Evolving Interstellar Medium Conditions at High Redshift. Astrophysical Journal Letters, 2019, 881, L35.	8.3	41
35	The MOSDEF Survey: The Prevalence and Properties of Galaxy-wide AGN-driven Outflows at $z \sim 2$ . Astrophysical Journal, 2017, 849, 48.	4.5	38
36	The MOSDEF Survey: Broad Emission Lines at $z \sim 3.8$ . Astrophysical Journal, 2019, 873, 102.	4.5	38

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37	The MOSDEF Survey: Kinematic and Structural Evolution of Star-forming Galaxies at $1.4 \leq z \leq 3.8$ . <i>Astrophysical Journal</i> , 2020, 894, 91.	4.5	34
38	The Effects of Stellar Population and Gas Covering Fraction on the Emergent Ly $\alpha$ Emission of High-redshift Galaxies*. <i>Astrophysical Journal</i> , 2022, 926, 31.	4.5	34
39	Stellar Metallicities and Elemental Abundance Ratios of $z \sim 1.4$ Massive Quiescent Galaxies*. <i>Astrophysical Journal Letters</i> , 2019, 880, L31.	8.3	33
40	Millimeter Mapping at $z \sim 1$ : Dust-obscured Bulge Building and Disk Growth. <i>Astrophysical Journal</i> , 2019, 870, 130.	4.5	33
41	Dissecting the Size-Mass and $\xi_{1<sub>1</sub>}$ Mass Relations at $1.0 < z < 2.5$ : Galaxy Mass Profiles and Color Gradients as a Function of Spectral Shape. <i>Astrophysical Journal</i> , 2021, 915, 87.	4.5	30
42	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at $z \sim 2$ . <i>Astrophysical Journal</i> , 2019, 885, 65.	4.5	28
43	The MOSDEF survey: a comprehensive analysis of the rest-optical emission-line properties of $z \sim 2.3$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2600-2614.	4.4	28
44	Testing the Recovery of Intrinsic Galaxy Sizes and Masses of $z \sim 2$ Massive Galaxies Using Cosmological Simulations. <i>Astrophysical Journal Letters</i> , 2017, 844, L6.	8.3	25
45	The Diverse Molecular Gas Content of Massive Galaxies Undergoing Quenching at $z \sim 1$ . <i>Astrophysical Journal Letters</i> , 2021, 909, L11.	8.3	24
46	Color Gradients along the Quiescent Galaxy Sequence: Clues to Quenching and Structural Growth. <i>Astrophysical Journal Letters</i> , 2020, 899, L26.	8.3	24
47	The MOSDEF Survey: First Measurement of Nebular Oxygen Abundance at $z \sim 4$ *. <i>Astrophysical Journal Letters</i> , 2017, 846, L30.	8.3	23
48	The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at $z \sim 2$ . <i>Astrophysical Journal</i> , 2018, 866, 63.	4.5	21
49	From Nuclear to Circumgalactic: Zooming in on AGN-driven Outflows at $z \sim 2.2$ with SINFONI. <i>Astrophysical Journal</i> , 2020, 894, 28.	4.5	21
50	The MOSDEF Survey: Neon as a Probe of ISM Physical Conditions at High Redshift <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2020, 902, L16.	8.3	20
51	The KMOS <sup>3D</sup> Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 \leq z \leq 3$ . <i>Astrophysical Journal</i> , 2021, 909, 78.	4.5	19
52	The MOSDEF Survey: [S iii] as a New Probe of Evolving Interstellar Medium Conditions*. <i>Astrophysical Journal Letters</i> , 2020, 888, L11.	8.3	19
53	Rotation Curves in $z \sim 1$ Star-forming Disks: Comparison of Dark Matter Fractions and Disk Properties for Different Fitting Methods. <i>Astrophysical Journal</i> , 2021, 922, 143.	4.5	19
54	The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at $1.4 \leq z \leq 2.6$ *. <i>Astrophysical Journal</i> , 2021, 908, 120.	4.5	18

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55	The kinematics and dark matter fractions of TNG50 galaxies at $\langle i \rangle_z \langle i \rangle = 2$ from an observational perspective. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4597-4619.	4.4	17
56	The MOSFIRE Deep Evolution Field Survey: Implications of the Lack of Evolution in the Dust Attenuation-Mass Relation to $z \sim 2^*$ . Astrophysical Journal, 2022, 926, 145.	4.5	15
57	The MOSDEF Survey: No Significant Enhancement in Star Formation or Deficit in Metallicity in Merging Galaxy Pairs at $1.5 \lesssim z \lesssim 3.5$ . Astrophysical Journal, 2019, 874, 18.	4.5	14
58	The MOSDEF survey: the mass-metallicity relationship and the existence of the FMR at $\langle i \rangle_z \langle i \rangle \sim 1.5$ . Monthly Notices of the Royal Astronomical Society, 2021, 506, 1237-1249.	4.4	11
59	The MOSDEF Survey: Stellar Continuum Spectra and Star Formation Histories of Active, Transitional, and Quiescent Galaxies at $1.4 \lesssim z \lesssim 2.6$ . Astrophysical Journal Letters, 2018, 867, L16.	8.3	8
60	The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at $\langle i \rangle_z \langle i \rangle \sim 2$ . Monthly Notices of the Royal Astronomical Society, 2020, 501, 137-145.	4.4	8
61	The MOSDEF survey: an improved Voronoi binning technique on spatially resolved stellar populations at $\langle i \rangle_z \langle i \rangle \sim 2$ . Monthly Notices of the Royal Astronomical Society, 2020, 498, 5009-5029.	4.4	7
62	Reconciling the results of the $\langle i \rangle_z \langle i \rangle \sim 2$ MOSDEF and KBSS-MOSFIRE Surveys. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3871-3892.	4.4	5
63	The MOSDEF survey: the dependence of H $\alpha$ -to-UV SFR ratios on SFR and size at $\langle i \rangle_z \langle i \rangle \sim 2$ . Monthly Notices of the Royal Astronomical Society, 2021, 508, 1431-1445.	4.4	4