Michael A Strauss

List of Publications by Year in Descending Order

48 papers	1,606 citations	22 h-index	39 g-index
48 ext. papers	2,050 ext. citations	5.4 avg, IF	4.21 L-index

#	Paper	IF	Citations
48	Optimization of the Observing Cadence for the Rubin Observatory Legacy Survey of Space and Time: A Pioneering Process of Community-focused Experimental Design. *Astrophysical Journal, Supplement Series*, **2022**, 258, 1	8	9
47	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XVI. 69 New Quasars at 5.8 < z < 7.0. *Astrophysical Journal, Supplement Series*, **2022**, 259, 18	8	2
46	Optical Spectroscopy of Dual Quasar Candidates from the Subaru HSC-SSP program. *Astrophysical Journal*, **2021**, 922, 83	4.7	1
45	Synchronized Coevolution between Supermassive Black Holes and Galaxies over the Last Seven Billion Years as Revealed by Hyper Suprime-Cam. *Astrophysical Journal*, **2021**, 922, 142	4.7	3
44	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XIII. Large-scale Feedback and Star Formation in a Low-luminosity Quasar at z = 7.07 on the Local Black Hole to Host Mass Relation. *Astrophysical Journal*, **2021**, 914, 36	4.7	8
43	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XII. Extended [C ii] Structure (Merger or Outflow) in a z = 6.72 Red Quasar. *Astrophysical Journal*, **2021**, 908, 235	4.7	5
42	The Sizes of Quasar Host Galaxies in the Hyper Suprime-Cam Subaru Strategic Program. *Astrophysical Journal*, **2021**, 918, 22	4.7	6
41	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). XIV. A Candidate Type II Quasar at z = 6.1292. *Astrophysical Journal*, **2021**, 919, 61	4.7	7
40	Placing High-redshift Quasars in Perspective: A Catalog of Spectroscopic Properties from the Gemini Near Infrared Spectrograph Distant Quasar Survey. *Astrophysical Journal, Supplement Series* , **2021**, 252, 15	8	1
39	Dual Supermassive Black Holes at Close Separation Revealed by the Hyper Suprime-Cam Subaru Strategic Program. *Astrophysical Journal*, **2020**, 899, 154	4.7	10
38	Subaru High-zExploration of Low-luminosity Quasars (SHELLQs). XI. Proximity Zone Analysis for Faint Quasar Spectra atz~ 6. *Astrophysical Journal*, **2020**, 903, 60	4.7	6
37	Star Formation and ISM Properties in the Host Galaxies of Three Far-infrared Luminous Quasars at z ~ 6. *Astrophysical Journal*, **2019**, 876, 99	4.7	16
36	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at z ? 5.7. *Astrophysical Journal*, **2019**, 873, 35	4.7	61
35	Discovery of the First Low-luminosity Quasar at z > 7. *Astrophysical Journal Letters*, **2019**, 872, L2	7.9	67
34	Discovery of a Close-separation Binary Quasar at the Heart of az~ 0.2 Merging Galaxy and Its Implications for Low-frequency Gravitational Waves. *Astrophysical Journal Letters*, **2019**, 879, L21	7.9	21
33	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). X. Discovery of 35 Quasars and Luminous Galaxies at 5.7 z 7.0. *Astrophysical Journal*, **2019**, 883, 183	4.7	38
32	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). VI. Black Hole Mass Measurements of Six Quasars at 6.1 z 6.7. *Astrophysical Journal*, **2019**, 880, 77	4.7	52

31	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at Z □6.2. *Astrophysical Journal*, **2019**, 880, 157	4.7	21
30	Spectral Energy Distributions of Companion Galaxies to z ~ 6 Quasars. *Astrophysical Journal*, **2019**, 881, 163	4.7	10
29	Resolving the Interstellar Medium in the Nuclear Region of Two z = 5.78 Quasar Host Galaxies with ALMA. *Astrophysical Journal*, **2019**, 887, 40	4.7	13
28	An ALMA [C ii] Survey of 27 Quasars atz> 5.94. *Astrophysical Journal*, **2018**, 854, 97	4.7	143
27	Illuminating Low Surface Brightness Galaxies with the Hyper Suprime-Cam Survey. *Astrophysical Journal*, **2018**, 857, 104	4.7	94
26	SPLASH-SXDF Multi-wavelength Photometric Catalog. *Astrophysical Journal, Supplement Series*, **2018**, 235, 36	8	26
25	Very Long Baseline Array Imaging of Type-2 Seyferts with Double-peaked Narrow Emission Lines: Searches for Sub-kpc Dual AGNs and Jet-powered Outflows. *Astrophysical Journal*, **2018**, 854, 169	4.7	15
24	Subaru High- z Exploration of Low-luminosity Quasars (SHELLQs). IV. Discovery of 41 Quasars and Luminous Galaxies at 5.7 □z □6.9. *Astrophysical Journal, Supplement Series*, **2018**, 237, 5	8	62
23	Hubble Space Telescope Wide Field Camera 3 Identifies an r p = 1 Kpc Dual Active Galactic Nucleus in the Minor Galaxy Merger SDSS J0924+0510 at z = 0.1495. *Astrophysical Journal*, **2018**, 862, 29	4.7	14
22	No Evidence for Enhanced [O iii] 88 □m Emission in a z ~ 6 Quasar Compared to Its Companion Starbursting Galaxy. *Astrophysical Journal Letters*, **2018**, 869, L22	7.9	33
21	Subaru High-z Exploration of Low-luminosity Quasars (SHELLQs). V. Quasar Luminosity Function and Contribution to Cosmic Reionization at z = 6. *Astrophysical Journal*, **2018**, 869, 150	4.7	92
20	No Evidence for Millimeter Continuum Source Overdensities in the Environments of z ? 6 Quasars. *Astrophysical Journal*, **2018**, 867, 153	4.7	16
19	A Study of Two Diffuse Dwarf Galaxies in the Field. *Astrophysical Journal*, **2018**, 866, 112	4.7	22
18	Tidal Features at 0.05 Astrophysical Journal, **2018**, 866, 103	4.7	23
17	High-redshift Extremely Red Quasars in X-Rays. *Astrophysical Journal*, **2018**, 856, 4	4.7	21
16	CLUSTERING OF INFRARED-BRIGHT DUST-OBSCURED GALAXIES REVEALED BY THE HYPER SUPRIME-CAM ANDWISE. *Astrophysical Journal*, **2017**, 835, 36	4.7	22
15	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. *Astrophysical Journal*, **2017**, 837, 131	4.7	73
14	Milliarcsecond Imaging of the Radio Emission from the Quasar with the Most Massive Black Hole at Reionization. *Astrophysical Journal Letters*, **2017**, 835, L20	7.9	8

13	HERSCHELEXTREME LENSING LINE OBSERVATIONS: [C ii] VARIATIONS IN GALAXIES AT REDSHIFTSz= 1. *Astrophysical Journal*, **2017**, 835, 110	4.7	4
12	Gas Dynamics of a Luminousz= 6.13 Quasar ULAS J1319+0950 Revealed by ALMA High-resolution Observations. *Astrophysical Journal*, **2017**, 845, 138	4.7	36
11	Scientific Synergy between LSST and Euclid. *Astrophysical Journal, Supplement Series*, **2017**, 233, 21	8	32
10	Testing the Large-scale Environments of Cool-core and Non-cool-core Clusters with Clustering Bias. *Astrophysical Journal*, **2017**, 836, 54	4.7	4
9	A NEW MILKY WAY SATELLITE DISCOVERED IN THE SUBARU/HYPER SUPRIME-CAM SURVEY. *Astrophysical Journal*, **2016**, 832, 21	4.7	54
8	PROBING THE INTERSTELLAR MEDIUM AND STAR FORMATION OF THE MOST LUMINOUS QUASAR ATz= 6.3. *Astrophysical Journal*, **2016**, 830, 53	4.7	67
7	THE EVOLUTION OF POST-STARBURST GALAXIES FROMz~ 1 TO THE PRESENT. *Astrophysical Journal*, **2016**, 833, 19	4.7	14
6	THE FINAL SDSS HIGH-REDSHIFT QUASAR SAMPLE OF 52 QUASARS ATz> 5.7. *Astrophysical Journal*, **2016**, 833, 222	4.7	172
5	CHANDRAX-RAY ANDHUBBLE SPACE TELESCOPEIMAGING OF OPTICALLY SELECTED KILOPARSEC-SCALE BINARY ACTIVE GALACTIC NUCLEI. II. HOST GALAXY MORPHOLOGY AND AGN ACTIVITY. *Astrophysical Journal*, **2016**, 823, 50	4.7	18
4	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: POST-STARBURST SIGNATURES IN QUASAR HOST GALAXIES ATzAstrophysical Journal, **2015**, 811, 91	4.7	28
3	QUASAR CLASSIFICATION USING COLOR AND VARIABILITY. *Astrophysical Journal*, **2015**, 811, 95	4.7	46
2	BRIGHTEST CLUSTER GALAXIES AT THE PRESENT EPOCH. *Astrophysical Journal*, **2014**, 797, 82	4.7	92
1	NEAR-INFRARED SPECTRA AND INTRINSIC LUMINOSITIES OF CANDIDATE TYPE II QUASARS AT 2 . *Astrophysical Journal*, **2014**, 788, 91	4.7	18