Neale P Gibson

List of Publications by Year
in descending order

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65 papers	6,031 citations	101543 36 h-index	114465 63 g-index
65 all docs	65 docs citations	65 times ranked	2501 citing authors

#	Article	IF	Citations
1	A continuum from clear to cloudy hot-Jupiter exoplanets without primordial water depletion. Nature, 2016, 529, 59-62.	27.8	714
2	Hubble Space Telescope transmission spectroscopy of the exoplanet HDâ€ƒ189733b: high-altitude atmospheric haze in the optical and near-ultraviolet with STIS. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1443-1455.	4.4	335
3	The prevalence of dust on the exoplanet HD 189733b from Hubble and Spitzer observations. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2917-2944.	4.4	334
4	WASP-12b: THE HOTTEST TRANSITING EXTRASOLAR PLANET YET DISCOVERED. Astrophysical Journal, 2009, 693, 1920-1928.	4.5	314
5	A Gaussian process framework for modelling instrumental systematics: application to transmission spectroscopy. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2683-2694.	4.4	251
6	WASP-3b: a strongly irradiated transiting gas-giant planet. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1576-1584.	4.4	205
7	DETECTION OF H ₂ O AND EVIDENCE FOR TiO/VO IN AN ULTRA-HOT EXOPLANET ATMOSPHERE. Astrophysical Journal Letters, 2016, 822, L4.	8.3	181
8	HST hot-Jupiter transmission spectral survey: detection of potassium in WASP-31b along with a cloud deck and Rayleigh scattering. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2428-2443.	4.4	172
9	HST hot-Jupiter transmission spectral survey: evidence for aerosols and lack of TiO in the atmosphere of WASP-12b. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2956-2973.	4.4	168
10	An HST optical-to-near-IR transmission spectrum of the hot Jupiter WASP-19b: detection of atmospheric water and likely absence of TiO. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3252-3274.	4.4	167
11	Hubble Space Telescope hot Jupiter transmission spectral survey: a detection of Na and strong optical absorption in HAT-P-1b. Monthly Notices of the Royal Astronomical Society, 2014, 437, 46-66.	4.4	151
12	A new look at NICMOS transmission spectroscopy of HD 189733, GJ-436 and XO-1: no conclusive evidence for molecular features. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2199-2213.	4.4	142
13	THE DEEP BLUE COLOR OF HD 189733b: ALBEDO MEASUREMENTS WITH HUBBLE SPACE TELESCOPE /SPACE TELESCOPE IMAGING SPECTROGRAPH AT VISIBLE WAVELENGTHS. Astrophysical Journal Letters, 2013, 772, L16.	8.3	138
14	HST hot-Jupiter transmission spectral survey: haze in the atmosphere of WASP-6b. Monthly Notices of the Royal Astronomical Society, 2015, 447, 463-478.	4.4	129
15	Detection of titanium oxide in the atmosphere of a hot Jupiter. Nature, 2017, 549, 238-241.	27.8	129
16	Probing the haze in the atmosphere of HD 189733b with Hubble Space Telescope/WFC3 transmission spectroscopy. Monthly Notices of the Royal Astronomical Society, 2012, 422, 753-760.	4.4	124
17	A Gemini ground-based transmission spectrum of WASP-29b: a featureless spectrum from 515 to 720Ânm. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3680-3692.	4.4	119
18	An absolute sodium abundance for a cloud-free â€˜hot Saturnâ€™ exoplanet. Nature, 2018, 557, 526-529.	27.8	114

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19	Detection of Feâ€‰i in the atmosphere of the ultra-hot Jupiter WASP-121b, and a new likelihood-based approach for Doppler-resolved spectroscopy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2215-2228.	4.4	112
20	The optical transmission spectrum of the hot Jupiter HAT-P-32b: clouds explain the absence of broad spectral features?. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2974-2988.	4.4	109
21	WASP-14b: 7.3M_Jtransiting planet in an eccentric orbit. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1532-1538.	4.4	105
22	VLT FORS2 COMPARATIVE TRANSMISSION SPECTROSCOPY: DETECTION OF Na IN THE ATMOSPHERE OF WASP-39b FROM THE GROUND. Astrophysical Journal, 2016, 832, 191.	4.5	105
23	HST hot Jupiter transmission spectral survey: detection of water in HAT-P-1b from WFC3 near-IR spatial scan observations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 3481-3493.	4.4	103
24	The Transiting Exoplanet Community Early Release Science Program for JWST. Publications of the Astronomical Society of the Pacific, 2018, 130, 114402.	3.1	100
25	Transit timing variations in WASP-10b induced by stellar activity. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3032-3047.	4.4	98
26	Transiting Exoplanet Studies and Community Targets forJWST's Early Release Science Program. Publications of the Astronomical Society of the Pacific, 2016, 128, 094401.	3.1	98
27	A uniform analysis of HDÂ209458b Spitzer/IRAC light curves with Gaussian process models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 680-694.	4.4	95
28	WASP-10b: a 3M_J, gas-giant planet transiting a late-type K star. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1585-1590.	4.4	93
29	A TRANSIT TIMING ANALYSIS OF NINE RISE LIGHT CURVES OF THE EXOPLANET SYSTEM TrES-3. Astrophysical Journal, 2009, 700, 1078-1085.	4.5	92
30	CLOUDS ON THE HOT JUPITER HD189733b: CONSTRAINTS FROM THE REFLECTION SPECTRUM. Astrophysical Journal, 2014, 786, 154.	4.5	74
31	VLT/FORS2 comparative transmission spectroscopy II: Confirmation of a cloud deck and Rayleigh scattering in WASP-31b, but no potassium?. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4591-4605.	4.4	71
32	Reliable inference of exoplanet light-curve parameters using deterministic and stochastic systematics models. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3401-3414.	4.4	63
33	The Very Low Albedo of WASP-12b from Spectral Eclipse Observations with Hubble. Astrophysical Journal Letters, 2017, 847, L2.	8.3	63
34	Searching for thermal inversion agents in the transmission spectrum of KELT-20b/MASCARA-2b: detection of neutral iron and ionised calcium H&K lines. Monthly Notices of the Royal Astronomical Society, 2020, 496, 504-522.	4.4	53
35	z â€²-BAND GROUND-BASED DETECTION OF THE SECONDARY ECLIPSE OF WASP-19b. Astrophysical Journal, Supplement Series, 2012, 201, 36.	7.7	49
36	A transit timing analysis of seven RISE light curves of the exoplanet system HAT-P-3. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1917-1923.	4.4	47

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37	High-precision transit observations of the exoplanet WASP-13b with the RISE instrument. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1248-1253.	4.4	43
38	A New Window into Planet Formation and Migration: Refractory-to-Volatile Elemental Ratios in Ultra-hot Jupiters. Astrophysical Journal, 2021, 914, 12.	4.5	43
39	Detection of Fe i Emission in the Dayside Spectrum of WASP-33b*. Astrophysical Journal Letters, 2020, 898, L31.	8.3	43
40	A lower mass for the exoplanet WASP-21b. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2593-2599.	4.4	42
41	Tight constraints on the existence of additional planets around HD 189733. Monthly Notices of the Royal Astronomical Society, 2010, 403, 2111-2119.	4.4	36
42	First Detection of Hydroxyl Radical Emission from an Exoplanet Atmosphere: High-dispersion Characterization of WASP-33b Using Subaru/IRD. Astrophysical Journal Letters, 2021, 910, L9.	8.3	36
43	ACCESS and LRG-BEASTS: A Precise New Optical Transmission Spectrum of the Ultrahot Jupiter WASP-103b. Astronomical Journal, 2021, 162, 34.	4.7	35
44	An inventory of atomic species in the atmosphere of WASP-121b using UVES high-resolution spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3853-3871.	4.4	35
45	Detection of Na, K, and H2O in the hazy atmosphere of WASP-6b. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5449-5472.	4.4	30
46	Relative abundance constraints from high-resolution optical transmission spectroscopy of WASP-121b, and a fast model-filtering technique for accelerating retrievals. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4618-4638.	4.4	26
47	Gemini/GMOS optical transmission spectroscopy of WASP-121b: signs of variability in an ultra-hot Jupiter?. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4787-4801.	4.4	25
48	Revisiting the potassium feature of WASP-31b at high resolution. Monthly Notices of the Royal Astronomical Society, 2019, 482, 606-615.	4.4	24
49	Is TiO emission present in the ultra-hot Jupiter WASP-33b? A reassessment using the improved ExoMol TOTO line list. Astronomy and Astrophysics, 2021, 645, A90.	5.1	24
50	Exoplanet transmission spectroscopy using KMOS. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3876-3886.	4.4	23
51	Ground-based transmission spectroscopy with FORS2: A featureless optical transmission spectrum and detection of H2O for the ultra-hot Jupiter WASP-103b. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5155-5170.	4.4	20
52	Dayside Fe i Emission, Dayâ€“Night Brightness Contrast and Phase Offset of the Exoplanet WASP-33b. Astronomical Journal, 2022, 163, 248.	4.7	20
53	Unmasking the hidden NGTS-3Ab: a hot Jupiter in an unresolved binary system. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4720-4737.	4.4	18
54	Storms or systematics? The changing secondary eclipse depth of WASP-12b. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2397-2406.	4.4	16

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55	Solar-to-supersolar sodium and oxygen absolute abundances for a â€˜hot Saturnâ€™ orbiting a metal-rich star. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3037-3058.	4.4	15
56	Doppler tomography as a tool for detecting exoplanet atmospheres. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1991-2006.	4.4	14
57	A Ground-based Near-ultraviolet Secondary Eclipse Observation of KELT-9b. Astrophysical Journal Letters, 2018, 869, L25.	8.3	11
58	Searching for transit timing variations in transiting exoplanet systems. Proceedings of the International Astronomical Union, 2008, 4, 446-449.	0.0	9
59	Transmission spectroscopy with VLT FORS2: a featureless spectrum for the low-density transiting exoplanet WASP-88b. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2853-2870.	4.4	9
60	Ground-based Transmission Spectroscopy with VLT FORS2: Evidence for Faculae and Clouds in the Optical Spectrum of the Warm Saturn WASP-110b. Astronomical Journal, 2021, 162, 88.	4.7	6
61	Time resolved spectroscopy of dust and gas from extrasolar planetesimals orbiting WDÂ1145+017 â˜¦. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	5
62	Constraints onTESSalbedos for five hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3444-3457.	4.4	3
63	Regaining the FORS: making optical ground-based transmission spectroscopy of exoplanets with VLT+FORS2 possible again. Proceedings of SPIE, 2016, , .	0.8	2
64	A new look at NICMOS transmission spectroscopy: No conclusive evidence for molecular features. Proceedings of the International Astronomical Union, 2010, 6, 478-479.	0.0	1
65	Reliable inference of light curve parameters in the presence of systematics. Proceedings of the International Astronomical Union, 2015, 11, 202-204.	0.0	0