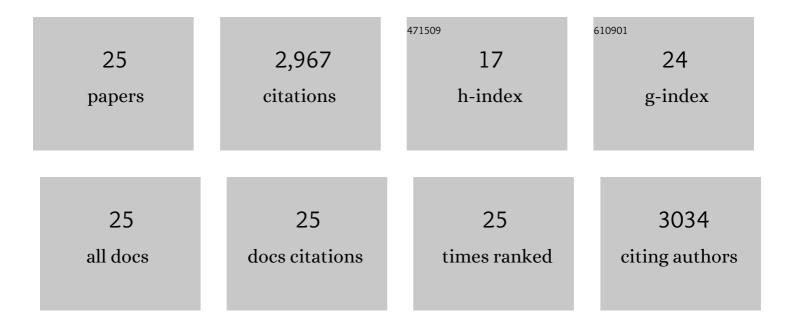
## Steven W Allen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cosmological Parameters from Observations of Galaxy Clusters. Annual Review of Astronomy and Astrophysics, 2011, 49, 409-470.	24.3	809
2	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
3	Baryons at the Edge of the X-ray–Brightest Galaxy Cluster. Science, 2011, 331, 1576-1579.	12.6	231
4	Revealing the Properties of Dark Matter in the Merging Cluster MACS J0025.4â^'1222. Astrophysical Journal, 2008, 687, 959-967.	4.5	228
5	Weighing the giants – IV. Cosmology and neutrino mass. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2205-2225.	4.4	213
6	Weighing the Giants – III. Methods and measurements of accurate galaxy cluster weak-lensing masses. Monthly Notices of the Royal Astronomical Society, 2014, 439, 48-72.	4.4	205
7	Weighing the Giants – I. Weak-lensing masses for 51Âmassive galaxy clusters: project overview, data analysis methods and cluster images. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2-27.	4.4	201
8	Robust weak-lensing mass calibration of Planck galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1973-1978.	4.4	186
9	Weighing the giants– V. Galaxy cluster scaling relations. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3582-3603.	4.4	110
10	Cosmology and astrophysics from relaxed galaxy clusters – I. Sample selection. Monthly Notices of the Royal Astronomical Society, 2015, 449, 199-219.	4.4	86
11	Hitomi (ASTRO-H) X-ray Astronomy Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	64
12	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
13	The metallicity of the intracluster medium over cosmic time: further evidence for early enrichment. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2877-2888.	4.4	46
14	Constraints on modified gravity from the observed X-ray luminosity function of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 400, 699-704.	4.4	36
15	A combined measurement of cosmic growth and expansion from clusters of galaxies, the CMB and galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2013, 432, 973-985.	4.4	35
16	Cosmological constraints from gas mass fractions of massive, relaxed galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 510, 131-145.	4.4	25
17	Centre-excised X-ray luminosity as an efficient mass proxy for future galaxy cluster surveys. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3072-3079.	4.4	21
18	Cold dark energy constraints from the abundance of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3882-3894.	4.4	14

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#	Article	IF	CITATIONS
19	Ellipticity of brightest cluster galaxies as tracer of halo orientation and weak-lensing mass bias. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4889-4897.	4.4	12
20	Deep <i>XMM–Newton</i> observations of the most distant SPT-SZ galaxy cluster. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1554-1564.	4.4	12
21	Measuring <i>H</i> 0 using X-ray and SZ effect observations of dynamically relaxed galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1062-1076.	4.4	11
22	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
23	The history of metal enrichment traced by X-ray observations of high-redshift galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5195-5204.	4.4	6
24	XMM-Newton X-ray and HST weak gravitational lensing study of the extremely X-ray luminous galaxy cluster Cl J120958.9+495352 (z = 0.902). Astronomy and Astrophysics, 2018, 610, A71.	5.1	3
25	TESTING GRAVITY AT COSMIC SCALES WITH CLUSTERS OF GALAXIES, THE CMB AND GALAXY CLUSTERING. , 2015, , .		0