Colin Norman

List of Publications by Year
in descending order

36 papers	3,500 citations	304743 22 h-index	434195 31 g-index
36 all docs	36 docs citations	36 times ranked	2682 citing authors

#	Article	IF	Citations
1	Chandra Deep Field South: The 1 Ms Catalog. Astrophysical Journal, Supplement Series, 2002, 139, 369-410.	7.7	501
2	The Evolution of X-Ray Clusters of Galaxies. Annual Review of Astronomy and Astrophysics, 2002, 40, 539-577.	24.3	375
3	The Evolution of Xâ€Ray Clusters and the Entropy of the Intracluster Medium. Astrophysical Journal, 2001, 546, 63-84.	4.5	368
4	The [ITAL]ROSAT[/ITAL] Deep Cluster Survey: The X-Ray Luminosity Function out to [CLC][ITAL]z[/ITAL][/CLC] = 0.8. Astrophysical Journal, 1998, 492, L21-L24.	4.5	315
5	Measuring Î©mwith theROSATDeep Cluster Survey. Astrophysical Journal, 2001, 561, 13-21.	4.5	245
6	The evolution of starburst galaxies to active galactic nuclei. Astrophysical Journal, 1988, 332, 124.	4.5	228
7	The collimation of magnetized winds. Astrophysical Journal, 1989, 347, 1055.	4.5	220
8	A Classic Type 2 QSO. Astrophysical Journal, 2002, 571, 218-225.	4.5	199
9	RADIO LOUD AGNs ARE MERGERS. Astrophysical Journal, 2015, 806, 147.	4.5	127
10	The VLA 1.4 GHz Survey of the Extended Chandra Deep Fieldâ€“South: First Data Release. Astrophysical Journal, Supplement Series, 2008, 179, 114-123.	7.7	107
11	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. Nature Astronomy, 2018, 2, 334-342.	10.1	97
12	A first determination of the surface density of galaxy clusters at very low x-ray fluxes. Astrophysical Journal, 1995, 445, L11.	4.5	94
13	Cosmological Constraints from theROSATDeep Cluster Survey. Astrophysical Journal, 1999, 517, 40-53.	4.5	92
14	HIGH-CONTRAST IMAGING WITH AN ARBITRARY APERTURE: ACTIVE COMPENSATION OF APERTURE DISCONTINUITIES. Astrophysical Journal, 2013, 769, 102.	4.5	87
15	The Xâ€Rayâ€“derived Cosmological Star Formation History and the Galaxy Xâ€Ray Luminosity Functions in the Chandra Deep Fields North and South. Astrophysical Journal, 2004, 607, 721-738.	4.5	77
16	Broad emission lines from the mass-loss envelopes of giant stars in active galactic nuclei. Astrophysical Journal, 1988, 332, 163.	4.5	61
17	Survival and mass growth of cold gas in a turbulent, multiphase medium. Monthly Notices of the Royal Astronomical Society, 2022, 511, 859-876.	4.4	43
18	Xâ€Ray Luminosity Functions of Normal Galaxies in the Great Observatories Origins Deep Survey. Astrophysical Journal, 2007, 667, 826-858.	4.5	40

#	Article	IF	Citations
19	OPTICAL PROPER MOTION MEASUREMENTS OF THE M87 JET: NEW RESULTS FROM THE HUBBLE SPACE TELESCOPE. Astrophysical Journal Letters, 2013, 774, L21.	8.3	40
20	Detection of the Entropy of the Intergalactic Medium: Accretion Shocks in Clusters, Adiabatic Cores in Groups. Astrophysical Journal, 2000, 542, 106-119.	4.5	38
21	Global Asymptotic Solutions for Relativistic Magnetohydrodynamic Jets and Winds. Astrophysical Journal, 2003, 596, 1240-1255.	4.5	30
22	AN HST PROPER-MOTION STUDY OF THE LARGE-SCALE JET OF 3C273. Astrophysical Journal, 2016, 818, 195.	4.5	24
23	A kiloparsec-scale internal shock collision in the jet of a nearby radio galaxy. Nature, 2015, 521, 495-497.	27.8	19
24	Global Asymptotic Solutions for Nonrelativistic Magnetohydrodynamic Jets and Winds. Astrophysical Journal, 2003, 596, 1270-1294.	4.5	13
25	Proper Motions of Jets on the Kiloparsec Scale: New Results with HST. Galaxies, 2017, 5, 8.	3.0	13
26	Active compensation of aperture discontinuities for WFIRST-AFTA: analytical and numerical comparison of propagation methods and preliminary results with a WFIRST-AFTA-like pupil. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 2, 011008.	1.8	12
27	Kinetic Energy Flux versus Poynting Flux in Magnetohydrodynamic Winds and Jets: The Intermediate Regime. Astrophysical Journal, 2003, 596, 1256-1269.	4.5	10
28	Active correction of aperture discontinuities (ACAD) for space telescope pupils: a parametic analysis. Proceedings of SPIE, 2015, , .	0.8	8
29	Lower-luminosity Obscured AGN Host Galaxies Are Not Predominantly in Major-merging Systems at Cosmic Noon. Astrophysical Journal, 2021, 919, 129.	4.5	7
30	Merger or Not: Accounting for Human Biases in Identifying Galactic Merger Signatures. Astrophysical Journal, 2021, 919, 43.	4.5	6
31	Capabilities of ACAD-OSM, an active method for the correction of aperture discontinuities. , 2017, , .		2
32	The Connection Between X-Ray Clusters and Star Formation. , 0, , 180-183.		1
33	Shocking signals of dark matter annihilation. Physical Review D, 2016, 93, .	4.7	1
34	The Evolution of Starburst Galaxies to Active Galactic Nuclei. Symposium - International Astronomical Union, 1989, 134, 65-68.	0.1	0
35	Correcting for the effects of pupil discontinuities with the ACAD method. , 2016, , .		0
36	The Evolution of Starburst Galaxies to Active Galactic Nuclei. , 1989, , 65-68.		0