

Colin Norman

List of Publications by Year in descending order

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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	Survival and mass growth of cold gas in a turbulent, multiphase medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 859-876.	4.4	43
2	Merger or Not: Accounting for Human Biases in Identifying Galactic Merger Signatures. <i>Astrophysical Journal</i> , 2021, 919, 43.	4.5	6
3	Lower-luminosity Obscured AGN Host Galaxies Are Not Predominantly in Major-merging Systems at Cosmic Noon. <i>Astrophysical Journal</i> , 2021, 919, 129.	4.5	7
4	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	10.1	97
5	Proper Motions of Jets on the Kiloparsec Scale: New Results with HST. <i>Galaxies</i> , 2017, 5, 8.	3.0	13
6	Capabilities of ACAD-OSM, an active method for the correction of aperture discontinuities. , 2017, , .		2
7	Shocking signals of dark matter annihilation. <i>Physical Review D</i> , 2016, 93, .	4.7	1
8	Correcting for the effects of pupil discontinuities with the ACAD method. , 2016, , .		0
9	AN HST PROPER-MOTION STUDY OF THE LARGE-SCALE JET OF 3C273. <i>Astrophysical Journal</i> , 2016, 818, 195.	4.5	24
10	A kiloparsec-scale internal shock collision in the jet of a nearby radio galaxy. <i>Nature</i> , 2015, 521, 495-497.	27.8	19
11	Active compensation of aperture discontinuities for WFIRST-AFTA: analytical and numerical comparison of propagation methods and preliminary results with a WFIRST-AFTA-like pupil. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2015, 2, 011008.	1.8	12
12	Active correction of aperture discontinuities (ACAD) for space telescope pupils: a parametric analysis. <i>Proceedings of SPIE</i> , 2015, , .	0.8	8
13	RADIO LOUD AGNs ARE MERGERS. <i>Astrophysical Journal</i> , 2015, 806, 147.	4.5	127
14	HIGH-CONTRAST IMAGING WITH AN ARBITRARY APERTURE: ACTIVE COMPENSATION OF APERTURE DISCONTINUITIES. <i>Astrophysical Journal</i> , 2013, 769, 102.	4.5	87
15	OPTICAL PROPER MOTION MEASUREMENTS OF THE M87 JET: NEW RESULTS FROM THE <i>HUBBLE SPACE TELESCOPE</i>. <i>Astrophysical Journal Letters</i> , 2013, 774, L21.	8.3	40
16	The VLA 1.4 GHz Survey of the Extended Chandra Deep Fieldâ€œSouth: First Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2008, 179, 114-123.	7.7	107
17	Xâ€œRay Luminosity Functions of Normal Galaxies in the Great Observatories Origins Deep Survey. <i>Astrophysical Journal</i> , 2007, 667, 826-858.	4.5	40
18	The Xâ€œRayâ€œderived Cosmological Star Formation History and the Galaxy Xâ€œRay Luminosity Functions in the Chandra Deep Fields North and South. <i>Astrophysical Journal</i> , 2004, 607, 721-738.	4.5	77

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19	Global Asymptotic Solutions for Nonrelativistic Magnetohydrodynamic Jets and Winds. <i>Astrophysical Journal</i> , 2003, 596, 1270-1294.	4.5	13
20	Global Asymptotic Solutions for Relativistic Magnetohydrodynamic Jets and Winds. <i>Astrophysical Journal</i> , 2003, 596, 1240-1255.	4.5	30
21	Kinetic Energy Flux versus Poynting Flux in Magnetohydrodynamic Winds and Jets: The Intermediate Regime. <i>Astrophysical Journal</i> , 2003, 596, 1256-1269.	4.5	10
22	Chandra Deep Field South: The 1 Ms Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2002, 139, 369-410.	7.7	501
23	The Evolution of X-Ray Clusters of Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 2002, 40, 539-577.	24.3	375
24	A Classic Type 2 QSO. <i>Astrophysical Journal</i> , 2002, 571, 218-225.	4.5	199
25	The Evolution of X-Ray Clusters and the Entropy of the Intracluster Medium. <i>Astrophysical Journal</i> , 2001, 546, 63-84.	4.5	368
26	Measuring $\hat{\Omega}_m$ with the ROSAT Deep Cluster Survey. <i>Astrophysical Journal</i> , 2001, 561, 13-21.	4.5	245
27	Detection of the Entropy of the Intergalactic Medium: Accretion Shocks in Clusters, Adiabatic Cores in Groups. <i>Astrophysical Journal</i> , 2000, 542, 106-119.	4.5	38
28	Cosmological Constraints from the ROSAT Deep Cluster Survey. <i>Astrophysical Journal</i> , 1999, 517, 40-53.	4.5	92
29	The [ITAL]ROSAT[/ITAL] Deep Cluster Survey: The X-Ray Luminosity Function out to [CLC][ITAL]z[/ITAL]/[CLC] = 0.8. <i>Astrophysical Journal</i> , 1998, 492, L21-L24.	4.5	315
30	A first determination of the surface density of galaxy clusters at very low x-ray fluxes. <i>Astrophysical Journal</i> , 1995, 445, L11.	4.5	94
31	The Evolution of Starburst Galaxies to Active Galactic Nuclei. Symposium - International Astronomical Union, 1989, 134, 65-68.	0.1	0
32	The collimation of magnetized winds. <i>Astrophysical Journal</i> , 1989, 347, 1055.	4.5	220
33	The Evolution of Starburst Galaxies to Active Galactic Nuclei. , 1989, , 65-68.		0
34	The evolution of starburst galaxies to active galactic nuclei. <i>Astrophysical Journal</i> , 1988, 332, 124.	4.5	228
35	Broad emission lines from the mass-loss envelopes of giant stars in active galactic nuclei. <i>Astrophysical Journal</i> , 1988, 332, 163.	4.5	61
36	The Connection Between X-Ray Clusters and Star Formation. , 0, , 180-183.		1