

## **PUBLICATIONS**

Timlin, John D.; **Ross, Nicholas P.** and 8 co-authors.

*The Clustering of High-Redshift ( $2.9 \leq z \leq 5.1$ ) Quasars in SDSS Stripe 82*

2018, The Astrophysical Journal, submitted

arXiv:1712.03128v1

<http://adsabs.harvard.edu/abs/2017arXiv171203128T>

Pâris, Isabelle; Petitjean, Patrick; **Ross, Nicholas P.**; and 43 co-authors

*The Sloan Digital Sky Survey Quasar Catalog: Twelfth data release*

[10.1051/0004-6361/201527999](https://arxiv.org/abs/10.1051/0004-6361/201527999)

[2017A&A...597A..79P](https://arxiv.org/abs/2017A&A...597A..79P)

**88 citations**

Geach, J. E.; Lin, Y.-T.; Makler, M.; Kneib, J.-P.; **Ross, N. P.** and 8 co-authors

*VICS82: The VISTA-CFHT Stripe 82 Near-infrared Survey*

[10.3847/1538-4365/aa74b6](https://arxiv.org/abs/10.3847/1538-4365/aa74b6)

[2017ApJS..231....7G](https://arxiv.org/abs/2017ApJS..231....7G)

**2 citations**

Hamann, Fred; Zakamska, Nadia L.; **Ross, Nicholas**; and 12 co-authors

*Extremely red quasars in BOSS*

[10.1093/mnras/stw2387](https://arxiv.org/abs/10.1093/mnras/stw2387)

[2017MNRAS.464.3431H](https://arxiv.org/abs/2017MNRAS.464.3431H)

**13 citations**

Timlin, John D.; **Ross, Nicholas P.** and 19 co-authors

*SpIES: The Spitzer IRAC Equatorial Survey*

[2016ApJS..225....1T](https://arxiv.org/abs/2016ApJS..225....1T)

[10.3847/0067-0049/225/1/1](https://arxiv.org/abs/10.3847/0067-0049/225/1/1)

**13 citations**

MacLeod, Chelsea L.; **Ross, Nicholas P.** and 11 co-authors

*A systematic search for changing-look quasars in SDSS*

[10.1093/mnras/stv2997](https://arxiv.org/abs/10.1093/mnras/stv2997)

[2016MNRAS.457..389M](https://arxiv.org/abs/2016MNRAS.457..389M)

**42 citations**

**Ross, Nicholas P.** and 12 co-authors

*Extremely red quasars from SDSS, BOSS and WISE: classification of optical spectra*

[2015MNRAS.453.3932R](https://arxiv.org/abs/2015MNRAS.453.3932R)

[10.1093/mnras/stv1710](https://arxiv.org/abs/10.1093/mnras/stv1710)

**25 citations**

Font-Ribera, Andreu; Kirkby, David; Busca, Nicolas; Miralda-Escudé, Jordi; **Ross, Nicholas P.** and 38 co-authors

*Quasar-Lyman  $\alpha$  forest cross-correlation from BOSS DR11: Baryon Acoustic Oscillations*

[10.1088/1475-7516/2014/05/027](https://arxiv.org/abs/10.1088/1475-7516/2014/05/027)

[2014JCAP...05..027F](https://arxiv.org/abs/2014JCAP...05..027F)

**164 citations**

Pâris, Isabelle; Petitjean, Patrick; Aubourg, Éric; **Ross, Nicholas P.**; and 46 co-authors

*The Sloan Digital Sky Survey quasar catalog: tenth data release*

[2014A&A...563A..54P](https://arxiv.org/abs/2014A&A...563A..54P)

[10.1051/0004-6361/201322691](https://arxiv.org/abs/10.1051/0004-6361/201322691)

**153 citations**

**Ross, Nicholas P.** and 41 co-authors

*The SDSS-III Baryon Oscillation Spectroscopic Survey: The Quasar Luminosity Function from Data Release Nine*

2013, The Astrophysical Journal, Volume 773, Issue 1, article id. 14, 27 pp.

[2013ApJ...773...14R](https://arxiv.org/abs/2013ApJ...773...14R)

[10.1088/0004-637X/773/1/14](https://arxiv.org/abs/10.1088/0004-637X/773/1/14)

**98 citations**

**Ross, Nicholas P.** and 38 co-authors

*The SDSS-III Baryon Oscillation Spectroscopic Survey: Quasar Target Selection for Data Release Nine*

2012, The Astrophysical Journal Supplement, Volume 199, Issue 1, article id. 3, 29 pp.

[2012ApJS..199....3R](https://arxiv.org/abs/2012ApJS..199....3R)

[10.1088/0067-0049/199/1/3](https://arxiv.org/abs/10.1088/0067-0049/199/1/3)

**177 citations**

Pâris, I.; Petitjean, P.; Aubourg, É.; Bailey, S.; **Ross, Nicholas P.** and 70 co-authors

*The Sloan Digital Sky Survey Quasar Catalog: Ninth Data Release*

2012, Astronomy & Astrophysics, Volume 548, id.A66, 28 pp.

[2012A&A...548A..66P](https://arxiv.org/abs/2012A&A...548A..66P)

[10.1051/0004-6361/201220142](https://arxiv.org/abs/10.1051/0004-6361/201220142)

**182 citations**

Schneider, Donald P.; Richards, Gordon T.; Hall, Patrick B.; Strauss, Michael A.;

Anderson, Scott F.; Boroson, Todd A.; **Ross, Nicholas P.** and 41 co-authors.

*The Sloan Digital Sky Survey Quasar Catalog. V. Seventh Data Release*

2010, The Astronomical Journal, Vol. 139, Page 2360

[2010AJ....139.2360S](https://arxiv.org/abs/2010AJ....139.2360S)

[DOI: 10.1088/0004-6256/139/6/2360](https://arxiv.org/abs/DOI:10.1088/0004-6256/139/6/2360)

**585 citations**

**Ross, Nicholas P.** and 10 co-authors

*Clustering of Low-redshift ( $z \leq 2.2$ ) Quasars from the Sloan Digital Sky Survey*

2009, The Astrophysical Journal, Volume 697, Issue 2, pp. 1634-1655

2009ApJ...697.1634R

[10.1088/0004-637X/697/2/1634](https://doi.org/10.1088/0004-637X/697/2/1634)

**157 citations**

## **PRIZES AND AWARDS**

2014 - 2019	STFC Ernest Rutherford Senior Fellowship
2009 - 2016	<i>Architect</i> SDSS-III: Baryon Oscillation Spectroscopic Survey (BOSS)
2003 - 2008	PPARC Student Fellowship, <i>Durham University</i>

## **LEADERSHIP**

2014 - 2019	P.I., STFC Ernest Rutherford Fellowship
2013 -	Primary Co-I, <i>Spitzer Space Telescope</i> , Cycle 9 GO program “SpIES: The Spitzer-IRAC Equatorial Survey”
2012 -	Scientific P.I., <i>Hubble Space Telescope</i> , Cycle 20, 18 orbits awarded “The Host Galaxies of High-Luminosity Obscured Quasars at $z \sim 2.5$ ”
2012 -	P.I., “WISE BOSS” SDSS-III Ancillary Program A spectroscopic survey of 30,000 12um selected QSOs
2012 -	Co-I, <i>Herschel Space Observatory</i> , OT2 program “HeRS: The <i>Herschel</i> Redshift Survey”
2011	Chapter Editor, <i>BigBOSS</i> NOAO Proposal <a href="http://arxiv.org/abs/1106.1706v1">http://arxiv.org/abs/1106.1706v1</a>
2011 -	P.I. (shared) “VICS82: The VISTA-CFHT Stripe82” Survey
2011	P.I., SDSS-IV: BOSS-Plus (accepted Nov 2011; merged into SDSS-IV: eBOSS)
2009 - 2012	Chair, SDSS-III BOSS Quasar Working Group
2008 - 2010	Lead, SDSS-III BOSS Quasar Target Selection Group
2008 - 2010	P.I., NASA <i>Swift</i> Cycle 5 Long-term local AGN monitoring program

## **RECENT SELECTED PRESENTATIONS**

2014 September	Princeton University	CosmoLunch talk
2014 May	Harvard University	HEAD talk
2014 May	Penn State University	Lunch talk
2014 April	Drexel University	Physics Colloquium
2014 April	University of Pennsylvania	Astrophysics Seminar
2014 March	Princeton University	Invited talk, “Heritage of Stripe 82” meeting
2013 November	University of Florida	Colloquium

2013 July	Durham University	“Ripples in the Cosmos” conference
2013 May	Stanford University	KIPAC Tea Talk
2013 January	University of Washington	Colloquium
2012 July	Durham University	ICC, Seminar
2012 April	UC, Irvine	Seminar
2012 April	Trieste, Italy	“Interacting Galaxies and Binary Quasars”
2012 April	University of Edinburgh	Coffee Talk
2012 January	New York University	Plenary Talk, BOSS Collaboration meeting
2011 November	UC, Santa Cruz	FLASH Seminar
2011 July	Oxford University	BICAP Cosmology Seminar
2011 May	Yale University	YCAA Seminar
2011 May	Lawrence Berkeley Lab	INPA Journal Club Meeting
2010 October	IMPU, Tokyo	Galaxies and AGN Workshop
2010 September	Cambridge University	IoA Seminar