

# List of Publications

Rebecca J. Smethurst

October 31, 2017

## First Author Papers

*SDSS-IV MaNGA: The Different Quenching Histories of Fast and Slow Rotators*

Accepted to MNRAS September 2017; arXiv 1709.09175

**Smethurst, R. J.**; Masters, K. L.; Lintott, C. J.; Weijmans, A.; Merrifield, M.; Penny, S. J.; Aragón-Salamanca, A.; Brownstein, J.; Bundy, K.; Drory, N.; Law, D. R.; Nichol, R. C.

*Supermassive Black Holes in Disk-Dominated Galaxies Outgrow their Bulges and Co-Evolve with their Host Galaxies*

MNRAS, 470, 1559 (2017)

Simmons, B. D.; **Smethurst, R. J.** & Lintott, C. J.

Citation count: 1

*Galaxy Zoo: The interplay of quenching mechanisms in the group environment*

MNRAS, 469, 3670 (2017)

**Smethurst, R. J.**; Lintott, C. J.; Bamford, S. P.; Hart, R. E.; Kruk, S. J.; Masters, K. L.; Nichol, R. C.; Simmons, B. D.

Citation count: 5

*Galaxy Zoo: evidence for rapid, recent quenching within a population of AGN host galaxies*

MNRAS, 463, 2986 (2016)

**Smethurst, R. J.**; Lintott, C. J.; Simmons, B. D.; Schawinski, K.; Bamford, S. P.; Cardamone, C. N.; Kruk, S. J.; Masters, K. L.; Urry, C. M.; Willett, K. W.; Wong, O. I.

Citation count: 7

*Galaxy Zoo: Evidence for Diverse Star Formation Histories through the Green Valley*

MNRAS, 450, 435 (2015)

**Smethurst, R. J.**; Lintott, C. J.; Simmons, B. D.; Schawinski, K.; Marshall, P. J.; Bamford, S.; Fortson, L.; Kaviraj, S.; Masters, K. L.; Melvin, T.; Nichol, R. C.; Skibba, R. A.; Willett, K. W.

Citation count: 33

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## Contributed Papers

*Resolved star formation and molecular gas properties of green valley galaxies: a first look with ALMA and MaNGA*

Accepted to ApJ, October 2017

Lihwai Lin, Francesco Belfiore, Hsi-An Pan, M. S. Bothwell, Pei-Ying Hsieh, Shan Huang, Ting Xiao, Sebastián F. Sánchez, Bau-Ching Hsieh, Karen Masters, S. Ramya, Jing-Hua Lin, Chin-Hao Hsu, Cheng Li, Roberto Maiolino, Kevin Bundy, Dmitry Bizyaev, Niv Drory, Héctor Ibarra-Medel, Ivan Lacerna, Tim Haines, **R. J. Smethurst**, David V. Stark, Daniel Thomas

*Galaxy Zoo and sparcfire: constraints on spiral arm formation mechanisms from spiral arm number and pitch angles*

MNRAS, 472, 2263 (2017)

Hart, R. E.; Bamford, S. P.; Hayes, W. B.; Cardamone, C. N.; Keel, W. C.; Kruk, S. J.; Lintott, C. J.; Masters, K. L.; Simmons, B. D.; **Smethurst, R. J.**

- Galaxy Zoo: Secular evolution of barred galaxies from structural decomposition of multi-band images*  
 Accepted to MNRAS September 2017; arXiv 1710.00093  
 Kruk, S. J.; Lintott, C. J.; Bamford, S. P.; Masters, K. L.; Simmons, B. D.; Huler, B.; Cardamone, C. N.; Hart, R. E.; Kelvin, L.; Schawinski, K.; **Smethurst, R. J.**; Vika, M.
- Galaxy Zoo: finding offset discs and bars in SDSS galaxies*  
 MNRAS, 469, 3363 (2017)  
 Kruk, S. J.; Lintott, C. J.; Simmons, B. D.; Bamford, S. P.; Cardamone, C. N.; Fortson, L.; Hart, R. E.; Huler, B.; Masters, K. L.; Nichol, R. C.; Schawinski, K.; **Smethurst, R. J.**
- Galaxy Zoo: Major Galaxy Mergers Are Not a Significant Quenching Pathway*  
 ApJ, 845, 145 (2017)  
 Weigel, A. K.; Schawinski, K.; Caplar, N.; Carpineti, A.; Hart, R. E.; Kaviraj, S.; Keel, W. C.; Kruk, S. J.; Lintott, C. J.; Nichol, R. C.; Simmons, B. D.; **Smethurst, R. J.**
- The Fourteenth Data Release of the Sloan Digital Sky Survey*  
 Accepted to MNRAS July 2017, arXiv:1707.09322  
 Abolfathi, B.; **Smethurst, R. J.** et al.
- Galaxy Zoo: quantitative visual morphological classifications for 48 000 galaxies from CANDELS*  
 MNRAS, 464, 4420 (2017)  
 Simmons, B. D.; Lintott, C.; Willett, K. W.; Masters, K. L.; Kartaltepe, J. S.; Huler, B.; Kaviraj, S.; Krawczyk, C.; Kruk, S. J.; McIntosh, D. H.; **Smethurst, R. J.** et al.
- Galaxy Zoo: morphological classifications for 120 000 galaxies in HST legacy imaging*  
 MNRAS, 464, 4176 (2017)  
 Willett, Kyle W.; Galloway, Melanie A.; Bamford, Steven P.; Lintott, Chris J.; Masters, Karen L.; Scarlata, Claudia; Simmons, B. D.; Beck, Melanie; Cardamone, Carolin N.; Cheung, Edmond; Edmondson, Edward M.; Fortson, Lucy F.; Griffith, Roger L.; Huler, Boris; Han, Anna; Hart, Ross; Melvin, Thomas; Parrish, Michael; Schawinski, Kevin; **Smethurst, R. J.** et al.
- Galaxy Zoo: comparing the demographics of spiral arm number and a new method for correcting redshift bias*  
 MNRAS, 461, 3663 (2016)  
 Hart, Ross E.; Bamford, Steven P.; Willett, Kyle W.; Masters, Karen L.; Cardamone, Carolin; Lintott, Chris J.; Mackay, Robert J.; Nichol, Robert C.; Rosslove, Christopher K.; Simmons, Brooke D.; **Smethurst, R. J.**
- Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at  $0.2 < z < 1.0$ ?*  
 MNRAS, 447, 506 (2015)  
 Cheung, Edmond; Trump, Jonathan R.; Athanassoula, E.; Bamford, Steven P.; Bell, Eric F.; Bosma, A.; Cardamone, Carolin N.; Casteels, Kevin R. V.; Faber, S. M.; Fang, Jerome J.; Fortson, Lucy F.; Kocevski, Dale D.; Koo, David C.; Laine, Seppo; Lintott, Chris; Masters, Karen L.; Melvin, Thomas; Nichol, Robert C.; Schawinski, Kevin; Simmons, Brooke; **Smethurst, R. J.**; Willett, Kyle W.
- Galaxy Zoo: CANDELS barred discs and bar fractions*  
 MNRAS, 445, 3466 (2014)  
 Simmons, B. D.; Melvin, Thomas; Lintott, Chris; Masters, Karen L.; Willett, Kyle W.; Keel, William C.; **Smethurst, R. J.** et al.