

Jay Strader: Publication List

Refereed Papers

54. *An HST/WFPC2 survey of bright young clusters in M31. IV. Ages and mass estimates.* Perina, S., et al. 2009, A&A, in press.
53. *An HST/WFPC2 survey of bright young clusters in M31. III. Structural parameters.* Barmby, P., Perina, S., Bellazzini, M., Cohen, J., Hodge, P., Huchra, J., Kissler-Patig, M., Puzia, T., **Strader, J.** 2009, AJ, 138, 1667.
52. *Fast winds and mass loss from metal-poor field giants.* Dupree, A., Smith, G., **Strader, J.** 2009, AJ, 138, 1485.
51. *A survey of ultraviolet-bright sources behind the halo of M31.* Fittinghoff, A., Prochaska, J., Kalirai, J., **Strader, J.**, Guhathakurta, P., Kaplan, K. 2009, MNRAS, 399, 728.
50. *Probing the 2D kinematic structure of early-type galaxies out to three effective radii.* Proctor, R., Forbes, D., Romanowsky, A., Brodie, J., **Strader, J.**, Spolaor, M., Mendel, T., Spitler, L. 2009, MNRAS, 398, 91.
49. *An HST/WFPC2 survey of bright young clusters in M31. II. Photometry of less luminous clusters in the fields.* Hodge, P., Krienke, O., Bellazzini, M., Perina, S., Barmby, P., Cohen, J., Puzia, T., **Strader, J.** 2009, AJ, 138, 770.
48. *Mass-to-light ratios for M31 globular clusters: Age dating and a surprising metallicity trend.* **Strader, J.**, Smith, G., Larsen, S., Brodie, J., Huchra, J. 2009, AJ, 138, 547.
47. *Evidence for the disk origin of luminous Virgo dwarf ellipticals from the kinematics of their globular cluster systems.* Beasley, M., Cenarro, J., **Strader, J.**, Brodie, J. 2009, AJ, 137, 5146.
46. *Mapping the dark side with DEIMOS: Globular clusters, X-ray gas, and dark matter in the NGC 1407 group.* Romanowsky, A., **Strader, J.**, Spitler, L., Johnson, R., Brodie, J., Forbes, D., Ponman, T. 2009, AJ, 137, 4956.
45. *An ultra-compact dwarf around the Sombrero galaxy (M104): the nearest massive UCD.* Hau, G., Spitler, L., Forbes, D., Proctor, R., **Strader, J.**, Mendel, T., Brodie, J., Harris, W. 2009, MNRAS, 394, 97
44. *The least-luminous galaxy: Spectroscopy of the Milky Way satellite Segue 1.* Geha, M., Willman, B., Simon, J., Strigari, L., Kirby, E., Law, D., **Strader, J.** 2009, ApJ, 692, 1464.
43. *An HST/WFPC2 survey of bright young clusters in M31. I. VdB0, a massive star*

cluster seen at $t \sim 25$ Myr.

Perina, S., et al. 2009, A&A, 494, 933.

42. *A probable new globular cluster in the Galactic disk.*

Strader, J., Kobulnicky, H. 2008, AJ, 136, 2102.

41. *The origin of the blue tilt in extragalactic globular cluster systems.*

Strader, J., Smith, G. 2008, AJ, 136, 1828.

40. *A glimpse into the past: The recent evolution of globular clusters.*

Kalirai, J., **Strader, J.**, Anderson, J., Richer, H. 2008, ApJ, 682, 37.

39. *The peculiar globular cluster system of the S0 galaxy NGC 7457.*

Chomiuk, L., **Strader, J.**, Brodie, J. 2008, AJ, 136, 234.

38. *Keck spectroscopy of globular clusters in the spiral galaxy NGC 2683.*

Proctor, R., Forbes, D., Brodie, J., **Strader, J.** 2008, MNRAS, 385, 1709.

37. *The connection between globular cluster systems and their host galaxy and environment: A case study of the isolated elliptical NGC 821.*

Spitler, L., Forbes, D., **Strader, J.**, Brodie, J., Gallagher, J. 2008, MNRAS, 385, 361.

36. *Carbon isotope ratios on the upper red giant branch of Messier 71.*

Smith, G., Shetrone, M., **Strader, J.** 2007, PASP, 119, 722.

35. *Stellar populations of globular clusters in the elliptical galaxy NGC 1407.*

Cenarro, J., Beasley, M., **Strader, J.**, Brodie, J., Proctor, R. 2007, 134, 391.

34. *Spatially resolved spectroscopy of early-type galaxies over a range in mass.*

Sanchez-Blazquez, P., Forbes, D., **Strader, J.**, Brodie, J., Proctor, R. 2007, MNRAS, 377, 759.

33. *Globular cluster metallicity subpopulations in NGC 4472.*

Strader, J., Beasley, M., Brodie, J. 2007, AJ, 133, 2015.

32. *The N2K consortium. VII. Atmospheric parameters of 1907 metal-rich stars: Finding planet-search targets.*

Robinson, S., Ammons, M., Kretke, K., **Strader, J.**, Wertheimer, J., Fischer, D., Laughlin, G. 2007, ApJS, 169, 430

31. *Damp mergers: Recent gaseous mergers without significant globular cluster formation?*

Forbes, D., Proctor, R., **Strader, J.**, Brodie, J. 2007, ApJ, 659, 188

30. *Integrated colors of globular clusters and horizontal branch morphology.*

Smith, G., **Strader, J.** 2007, 328, 107.

29. *Globular clusters in Virgo ellipticals: Unexpected results for giants and dwarfs from ACS imaging.*

Strader, J., Brodie, J., Spitler, L., Beasley, M. 2006, AJ, 132, 2333.

28. *HST/ACS wide-field photometry of the Sombrero galaxy globular cluster system.*

Spitler, L., Larsen, S., **Strader, J.**, Brodie, J., Forbes, D., Beasley, M. 2006, AJ, 132, 1593.

27. *ChaMPlane discovery of candidate symbiotic binaries in Baade's and Stanek's windows.*
van den Berg, M., et al. 2006, ApJL, 647, 135.

26. *An imaging study of the globular cluster systems of NGC 1407 and NGC 1400.*
Forbes, D., Sanchez-Blazquez, P., Phan, A., Brodie, J., **Strader, J.**, Spitler, L. 2006, MNRAS, 366, 1230.

25. *The N2K consortium. IV. New temperatures and metallicities for 100,000+ FGK dwarfs.*

Ammons, M., Robinson, S., **Strader, J.**, Laughlin, G., Fischer, D., Wolf, A. 2005, ApJS, 638, 1004.

24. *The N2K consortium. V. Identifying very metal-rich stars with low-resolution spectra: Finding planet-search targets.*

Robinson, S., **Strader, J.**, Ammons, M., Laughlin, G., Fischer, D. 2006, ApJ, 637, 1102.

23. *The N2K consortium. III. Short-period planets orbiting HD 149143 and HD 109749.*
Fischer, D., et al. 2006, ApJ, 637, 1094.

22. *The globular cluster system of the Virgo dwarf elliptical galaxy VCC 1087.*

Beasley, M., **Strader, J.**, Brodie, J., Cenarro, A. J., Geha, M. 2006, AJ, 131, 814.

21. *The N2K consortium. II. A transiting hot saturn around HD 149026 with a large dense core.*

Sato, B., et al. 2005, ApJ, 633, 465.

20. *Globular clusters in NGC 4365: New K-band imaging and a reassessment of the case for intermediate-age clusters.*

Larsen, S., Brodie, J., **Strader, J.** 2005, A&A, 443, 413.

19. *Extragalactic globular clusters: Old spectroscopic ages and new views on their formation.*

Strader, J., Brodie, J., Cenarro, A. J., Beasley, M., Forbes, D. 2005, AJ, 130, 1315

18. *A hot wind from classical T Tauri Stars: TW Hydrae and T Tauri.*

Dupree, A., Brickhouse, N., Smith, G., **Strader, J.** 2005, ApJL, 625, L131.

17. *Old globular clusters masquerading as young in NGC 4365?*

Brodie, J., **Strader, J.**, Denicolo, G., Beasley, M., Cenarro, J., Larsen, S., Kuntschner, H., Forbes, D. 2005, AJ, 129, 2643.

16. *Evolutionary history of the elliptical galaxy NGC 1052.*

Pierce, M., Brodie, J., Forbes, D., Beasley, M., Proctor, R., **Strader, J.** 2005, MNRAS, 358, 419.

15. *The chemical properties of Milky Way and Andromeda globular clusters: II. Stellar population model predictions.*

Beasley, M., Brodie, J., **Strader, J.**, Forbes, D., Proctor, R., Barmby, P., Huchra, J. P. 2005, AJ, 129, 1412.

14. *The N2K consortium. I. A hot saturn planet orbiting HD 88133.*
Fischer, D., et al. 2005, ApJ, 620, 481.

13. *Probing spectral line gradients beyond one effective radius in NGC 3610.*
Howell, J., Brodie, J., **Strader, J.**, Forbes, D., Proctor, R. 2004, AJ, 128, 2749.

12. *He I 10830 absorption in metal-poor red giants: Probing fast chromospheric outflows.*
Smith, G., Dupree, A., **Strader, J.** 2004, PASP, 116, 819.

11. *A principal components analysis of the Lick indices of Galactic globular clusters.*
Strader, J., Brodie, J. 2004, AJ, 128, 1671.

10. *The chemical properties of Milky Way and Andromeda globular clusters: I. A comparative study.*
Beasley, M., Brodie, J., **Strader, J.**, Forbes, D., Proctor, R., Barmby, P., Huchra, J. 2004, AJ, 128, 1623.

9. *Metal-poor globular clusters and galaxy formation.*
Strader, J., Brodie, J., Forbes, D. 2004, AJ, 127, 3431.

8. *The globular cluster system of the Canis Major dwarf galaxy.*
Forbes, D., **Strader, J.**, Brodie, J. 2004, AJ, 127, 3394.

7. *Revisiting the globular cluster system of the merger remnant elliptical NGC 3610.*
Strader, J., Brodie, J., Forbes, D. 2004, AJ, 127, 295.

6. *Hubble Space Telescope observations of globular cluster systems along the Hubble sequence of spiral galaxies.*
Goudfrooij, P., **Strader, J.**, Brenneman, L., Kissler-Patig, M., Huizinga, E. 2003, MNRAS, 343, 665.

5. *Galaxy disruption in a halo of dark matter.*
Forbes, D., Beasley, M., Bekki, K., Brodie, J., **Strader, J.** 2003, Science, 301, 1217.

4. *Spectroscopy of globular clusters in the Fornax dwarf galaxy.*
Strader, J., Brodie, J., Forbes, D., Beasley, M., Huchra, J. 2003, AJ, 125, 1291.

3. *Spectroscopy of a globular cluster in the Local Group dIrr NGC 6822.*
Strader, J., Brodie, J., Huchra, J., 2003, MNRAS, 339, 707.

2. *Keck spectroscopy of globular clusters in the elliptical galaxy NGC 3610.*
Strader, J., Brodie, J., Schweizer, F., Larsen, S., Seitzer, P. 2003, AJ, 125, 626.

1. *Variable stars in the core of the globular cluster M3.*
Strader, J., Everitt, H., Danford, S., 2002, MNRAS, 335, 621.

Review Articles

Extragalactic globular clusters and galaxy formation.

Brodie, J., **Strader, J.** 2006, ARAA, 44, 193

Submitted Papers

Deriving metallicities from the integrated spectra of extragalactic globular clusters using the near-infrared calcium triplet.

Foster, C., Forbes, D., Proctor, R., **Strader, J.**, Brodie, J., Spitler, L. 2009, MNRAS.

Star cluster candidates in M81.

Nantais, J., Huchra, J., McLeod, B., **Strader, J.**, Brodie, J. 2009, AJ.