

# Bibliography

- Aigrain, S., Collier Cameron, A., Ollivier, M., et al. 2008, *A&A*, 488, L43
- Aigrain, S., Favata, F., & Gilmore, G. 2004, *A&A*, 414, 1139
- Aigrain, S. & Irwin, M. 2004, *MNRAS*, 350, 331
- Aigrain, S., Pont, F., Fressin, F., et al. 2009, *A&A*, 506, 425
- Alapini, A. & Aigrain, S. 2009, *MNRAS*, 397, 1591
- Alonso, R., Alapini, A., Aigrain, S., et al. 2009a, *A&A*, 506, 353
- Alonso, R., Auvergne, M., Baglin, A., et al. 2008, *A&A*, 482, L21
- Alonso, R., Deeg, H. J., Kabath, P., & Rabus, M. 2010, *AJ*, 139, 1481
- Alonso, R., Guillot, T., Mazeh, T., et al. 2009b, *A&A*, 501, L23
- Aparicio, A. & Gallart, C. 2004, *AJ*, 128, 1465
- Auvergne, M., Bodin, P., Boisnard, L., et al. 2009, *A&A*, 506, 411
- Auvergne, M., Boisnard, L., Buey, J.-T. M., et al. 2003, in *Proc. SPIE*, Vol. 4854, *Future EUV/UV and Visible Space Astrophysics Missions and Instrumentation*, ed. J. C. Blades & O. H. W. Siegmund, 170–180
- Baglin, A., Auvergne, M., Barge, P., et al. 2006, in *ESA Special Publication*, Vol. 1306, *ESA Special Publication*, ed. M. Fridlund, A. Baglin, J. Lochard, & L. Conroy, 33–+
- Bakos, G. Á., Noyes, R. W., Kovács, G., et al. 2007, *ApJ*, 656, 552
- Baraffe, I., Chabrier, G., Allard, F., & Hauschildt, P. H. 1998, *A&A*, 337, 403
- Baraffe, I., Chabrier, G., & Barman, T. 2008, *A&A*, 482, 315
- Baraffe, I., Chabrier, G., & Barman, T. 2010, *Reports on Progress in Physics*, 73, 016901
- Barge, P., Baglin, A., Auvergne, M., et al. 2008, *A&A*, 482, L17
- Barman, T. S., Hauschildt, P. H., & Allard, F. 2005, *ApJ*, 632, 1132

- Baudin, F., Baglin, A., Orcesi, J.-L., et al. 2006, in ESA Special Publication, Vol. 1306, ESA Special Publication, ed. M. Fridlund, A. Baglin, J. Lochard, & L. Conroy, 145–+
- Bennett, D. P. 2009, ArXiv e-prints arXiv:astro-ph/0902.1761
- Biazzo, K., Frasca, A., Catalano, S., & Marilli, E. 2006, *A&A*, 446, 1129
- Boisnard, L. & Auvergne, M. 2006, in ESA Special Publication, Vol. 1306, ESA Special Publication, ed. M. Fridlund, A. Baglin, J. Lochard, & L. Conroy, 19–+
- Boisse, I., Moutou, C., Vidal-Madjar, A., et al. 2009, *A&A*, 495, 959
- Bonomo, A. S. & Lanza, A. F. 2008, *A&A*, 482, 341
- Bordé, P., Bouchy, F., Deleuil, M., et al. 2010, in prep.
- Borucki, W. J., Koch, D., Jenkins, J., et al. 2009, *Science*, 325, 709
- Brooks, S. P. & Gelman, A. 1997, *Journal of Computational and Graphical Statistics*, 7, 434
- Brown, T. M., Charbonneau, D., Gilliland, R. L., Noyes, R. W., & Burrows, A. 2001, *ApJ*, 552, 699
- Charbonneau, D., Allen, L. E., Megeath, S. T., et al. 2005, *ApJ*, 626, 523
- Charbonneau, D., Brown, T. M., Latham, D. W., & Mayor, M. 2000, *ApJL*, 529, L45
- Charbonneau, D., Winn, J. N., Everett, M. E., et al. 2007, *ApJ*, 658, 1322
- Claret, A. 2000, *A&A*, 363, 1081
- Claret, A. 2004, *A&A*, 428, 1001
- Collier Cameron, A., Wilson, D. M., West, R. G., et al. 2007, *MNRAS*, 380, 1230
- de Mooij, E. J. W. & Snellen, I. A. G. 2009, *A&A*, 493, L35
- Deeg, H. 2009, in IAU Symposium, Vol. 253, IAU Symposium, 388–391
- Deeg, H., Moutou, C., Eriksson, A., et al. 2010, *Nature*, 464, 384
- Deleuil, M., Deeg, H. J., Alonso, R., et al. 2008, *A&A*, 491, 889
- Deming, D., Seager, S., Richardson, L. J., & Harrington, J. 2005, *Nature*, 434, 740
- Drummond, R., Lapeyrere, V., Auvergne, M., et al. 2008, *A&A*, 487, 1209
- Favata, F. & Micela, G. 2003, *Space Science Reviews*, 108, 577
- Fridlund, M., Hebrard, G., Alonso, R., et al. 2010, ArXiv e-prints arXiv:astro-ph/1001.1426

- Fuhrmann, K. 1998, *A&A*, 338, 161
- Gaudi, B. S. 2010, ArXiv e-prints arXiv:astro-ph/1002.0332
- Gaudi, B. S. & Winn, J. N. 2007, *ApJ*, 655, 550
- Gelman, A. & Rubin, D. B. 1992, *Statistical Science*, 7, 457
- Gilli, G., Israelian, G., Ecuivillon, A., Santos, N. C., & Mayor, M. 2006, *A&A*, 449, 723
- Gillon, M., Demory, B., Triaud, A. H. M. J., et al. 2009, *A&A*, 506, 359
- Gillon, M., Lanotte, A. A., Barman, T., et al. 2010, *A&A*, 511, A3+
- Giménez, A. 2006, *A&A*, 450, 1231
- Girardi, L., Bertelli, G., Bressan, A., et al. 2002, *A&A*, 391, 195
- Gray, D. F. 1994, *PASP*, 106, 1248
- Gray, D. F. 2005, *The Observation and Analysis of Stellar Photospheres*, third edition edn. (Cambridge University Press)
- Guillot, T. 2005, *Annual Review of Earth and Planetary Sciences*, 33, 493
- Harrington, J., Hansen, B. M., Luszcz, S. H., et al. 2006, *Science*, 314, 623
- Hebb, L., Collier-Cameron, A., Loeillet, B., et al. 2009, *ApJ*, 693, 1920
- Jenkins, J. M. 2002, *ApJ*, 575, 493
- Jenkins, J. M., Caldwell, D. A., Chandrasekaran, H., et al. 2010, ArXiv e-prints arXiv:astro-ph/1001.0256
- Kjeldsen, H., Bedding, T. R., & Christensen-Dalsgaard, J. 2009, in *IAU Symposium*, Vol. 253, *IAU Symposium*, 309–317
- Knutson, H. A., Charbonneau, D., Allen, L. E., et al. 2007a, *Nature*, 447, 183
- Knutson, H. A., Charbonneau, D., Noyes, R. W., Brown, T. M., & Gilliland, R. L. 2007b, *ApJ*, 655, 564
- Kovács, G., Bakos, G., & Noyes, R. W. 2005, *MNRAS*, 356, 557
- Kovtyukh, V. V., Soubiran, C., Belik, S. I., & Gorlova, N. I. 2003, *A&A*, 411, 559
- Kurucz, R. L. 1993, *VizieR Online Data Catalog*, 6039, 0
- Lanza, A. F., Rodonò, M., & Pagano, I. 2004, *A&A*, 425, 707
- Léger, A., Rouan, D., Schneider, J., et al. 2009, *A&A*, 506, 287

- Lin, D. N. C., Bodenheimer, P., & Richardson, D. C. 1996, *Nature*, 380, 606
- Lunine, J. I., Fischer, D., Hammel, H., et al. 2008, ArXiv e-prints arXiv:astro-ph/0808.2754
- Mandel, K. & Agol, E. 2002, *ApJL*, 580, L171
- Mandushev, G., O'Donovan, F. T., Charbonneau, D., et al. 2007, *ApJL*, 667, L195
- Markwardt, C. B. 2009, in *Astronomical Society of the Pacific Conference Series*, Vol. 411, *Astronomical Society of the Pacific Conference Series*, ed. D. A. Bohlender, D. Durand, & P. Dowler, 251–+
- Marois, C., Macintosh, B., Barman, T., et al. 2008, *Science*, 322, 1348
- Mayor, M. & Queloz, D. 1995, *Nature*, 378, 355
- Mazeh, T., Guterman, P., Aigrain, S., Zucker, S., & Grinberg, N. 2009, *A&A*, 506, 431
- Mazeh, T., Naef, D., Torres, G., et al. 2000, *ApJL*, 532, L55
- Moutou, C., Aigrain, S., Almenara, J., et al. 2007, in *Astronomical Society of the Pacific Conference Series*, Vol. 366, *Transiting Extrasolar Planets Workshop*, ed. C. Afonso, D. Weldrake, & T. Henning, 127–+
- Moutou, C., Bruntt, C., Guillot, T., et al. 2008, *A&A*, 488
- Moutou, C., Pont, F., Barge, P., et al. 2005, *A&A*, 437, 355
- Nordström, B., Mayor, M., Andersen, J., et al. 2004, *A&A*, 418, 989
- Perryman, M. A. C. 2000, *Reports of Progress in Physics*, 63, 1209
- Phillips, J. A. & Thorsett, S. E. 1994, *Ap&SS*, 212, 91
- Piskunov, N. E., Kupka, F., Ryabchikova, T. A., Weiss, W. W., & Jeffery, C. S. 1995, *A&AS*, 112, 525
- Pollack, J. B., Hubickyj, O., Bodenheimer, P., et al. 1996, *Icarus*, 124, 62
- Pont, F. & Eyer, L. 2004, *MNRAS*, 351, 487
- Pont, F., Hébrard, G., Irwin, J. M., et al. 2009, *A&A*, 502, 695
- Pont, F., Melo, C. H. F., Bouchy, F., et al. 2005, *A&A*, 433, L21
- Pont, F., Zucker, S., & Queloz, D. 2006, *MNRAS*, 373, 231
- Queloz, D., Bouchy, F., Moutou, C., et al. 2009, *A&A*, 506, 303
- Ramírez, I. & Meléndez, J. 2004, *ApJ*, 609, 417

- Rauer, H., Queloz, D., Csizmadia, S., et al. 2009, *A&A*, 506, 281
- Rogers, J. C., Apai, D., López-Morales, M., Sing, D. K., & Burrows, A. 2009, *ApJ*, 707, 1707
- Rosenblatt, F. 1971, *Icarus*, 14, 71
- Rowe, J. F., Matthews, J. M., Seager, S., et al. 2006, *ApJ*, 646, 1241
- Rowe, J. F., Matthews, J. M., Seager, S., et al. 2008, *ApJ*, 689, 1345
- Santos, N. C., Israelian, G., & Mayor, M. 2004, *A&A*, 415, 1153
- Santos, N. C., Israelian, G., Mayor, M., et al. 2005, *A&A*, 437, 1127
- Schrijver, C. J. & Zwaan, C. 2000, *Solar and Stellar Magnetic Activity*
- Seager, S., Kuchner, M., Hier-Majumder, C. A., & Militzer, B. 2007, *ApJ*, 669, 1279
- Seager, S. & Mallén-Ornelas, G. 2003, *ApJ*, 585, 1038
- Siess, L., Dufour, E., & Forestini, M. 2000, *A&A*, 358, 593
- Sing, D. K. 2010, *A&A*, 510, A21+
- Sing, D. K. & López-Morales, M. 2009, *A&A*, 493, L31
- Snellen, I. A. G., de Mooij, E. J. W., & Albrecht, S. 2009a, *Nature*, 459, 543
- Snellen, I. A. G., de Mooij, E. J. W., & Burrows, A. 2009b, *ArXiv e-prints arXiv:astro-ph/0909.4080*
- Sousa, S. G., Alapini, A., Israelian, G., & Santos, N. C. 2009, *ArXiv e-prints arXiv:astro-ph/0912.2651*
- Sousa, S. G., Santos, N. C., Israelian, G., Mayor, M., & Monteiro, M. J. P. F. G. 2006, *A&A*, 458, 873
- Sousa, S. G., Santos, N. C., Israelian, G., Mayor, M., & Monteiro, M. J. P. F. G. 2007, *A&A*, 469, 783
- Sousa, S. G., Santos, N. C., Mayor, M., et al. 2008, *A&A*, 487, 373
- Struve, O. 1952, *The Observatory*, 72, 199
- Tamuz, O., Mazeh, T., & Zucker, S. 2005, *MNRAS*, 356, 1466
- Tingley, B. 2004, *A&A*, 425, 1125
- Torres, G., Andersen, J., & Giménez, A. 2009, *A&ARv*, 13
- Triaud, A. H. M. J., Queloz, D., Bouchy, F., et al. 2009, *A&A*, 506, 377

## BIBLIOGRAPHY

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Winn, J. N. 2010, ArXiv e-prints arXiv:astro-ph/1001.2010

Winn, J. N., Holman, M. J., Bakos, G. Á., Pál, A., & et al. 2007, *AJ*, 134, 1707

Winn, J. N., Holman, M. J., Torres, G., et al. 2008, *ApJ*, 683, 1076

Wolszczan, A. & Frail, D. A. 1992, *Nature*, 355, 145