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### [Acetone in Orion BN/KL. High-resolution maps of a special oxygen-bearing molecule](#)

**Peng, T.-C.**, Despois, D., Brouillet, N., Baudry, A., Favre, C., Remijan, A., Wootten, A., Wilson, T.L., & Combes, F., Wlodarczak, G., 2013, A&A, 554, 78 [[ADS](#)]

*Instruments:* ALMA\_Bands, ALMA\_Bands, ALMA\_Bands, ALMA\_Bands

## Cosmology

### [Dynamical mass of the O-type supergiant in \$\zeta\$ Orionis A](#)

**Hummel, C.A.**, Rivinius, T., Nieva, M.-F., Stahl, O., van Belle, G., Zavala, R.T., 2013, A&A, 554, 52 [[ADS](#)]

*Instruments:* UVES, UVES, FEROS2.2, FEROS2.2, FEROS2.2

## Galaxies and Galactic Nuclei

### [The VMC survey. VII. Reddening map of the 30 Doradus field and the structure of the cold interstellar medium](#)

Tatton, B.L., van Loon, J.T., Cioni, M.-R., Clementini, G., Emerson, J.P., Girardi, L., de Grijs, R., Groenewegen, M.A.T., Gullieuszik, M., **Ivanov, V.D.**, Moretti, M.I., Ripepi, V., Rubele, S., 2013, A&A, 554, 33 [[ADS](#)]

*Instruments:* VIRCAM

## Interstellar Medium, Star Formation and Planetary Systems

### [VLT-CRIRES Survey of Rovibrational CO Emission from Protoplanetary Disks](#)

Brown, J.M., Pontoppidan, K.M., van Dishoeck, E.F., Herczeg, G.J., Blake, G.A., & **Smette, A.**, 2013, ApJ, 770, 94 [[ADS](#)]

*Instruments:* CRIRES

### [The low-mass dispersed population around the Lupus clouds](#)

**Comerón, F.**, Spezzi, L., López Martí, B., & Merín, B., 2013, A&A, 554, 86 [[ADS](#)]

*Instruments:* FORS2

### [Protoplanetary disk evolution and stellar parameters of T Tauri binaries in Chamaeleon I](#)

**Daemgen, S.**, Petr-Gotzens, M.G., Correia, S., Teixeira, P.S., Brandner, W., Kley, W., & Zinnecker, H., 2013, A&A, 554, 43 [[ADS](#)]

*Instruments:* NACO, NACO, NACO, SINFONI

## Stellar Evolution

### [Spectroscopic Observations of SN 2012fr: A Luminous, Normal Type Ia Supernova with Early High-velocity Features and a Late Velocity Plateau](#)

Childress, M.J., Scalzo, R.A., Sim, S.A., Tucker, B.E., Yuan, F., Schmidt, B.P., Cenko, S.B., Silverman, J.M., Contreras, C., Hsiao, E.Y., Phillips, M., Morrell, N., Jha, S.W., McCully, C., Filippenko, A.V., Anderson, J.P., Benetti, S., Bufano, F., de Jaeger, T., Forster, F., Gal-Yam, A., Le Guillou, L., Maguire, K., Maund, J., Mazzali, P.A., Pignata, G., Smartt, S., **Spyromilio, J.**, Sullivan, M., Taddia, F., Valenti, S., Bayliss, D.D.R., Bessell, M., Blanc, G.A., Carson, D.J., Clubb, K.I., de Burgh-Day, C., Desjardins, T.D., Fang, J.J., Fox, O.D., Gates, E.L., Ho, I.-T., Keller, S., Kelly, P.L., Lidman, C., Loaring, N.S., Mould, J.R., Owers, M., Ozbilgen, S., Pei, L., Pickering, T., Pracy, M.B., Rich, J.A., Schaefer, B.E., Scott, N., Stritzinger, M., Vogt, F.P.A., Zhou, G., 2013, ApJ, 770, 29 [[ADS](#)]

*Instruments:* NACO, SOFI, EFOSC2\_NTT

### [Ultraviolet Observations of the Globular Cluster M10 from HST and GALEX: The BSS Population](#)

Dalessandro, E., Ferraro, F.R., Lanzoni, B., Schiavon, R.P., O'Connell, R.W., & **Beccari, G.**, 2013, ApJ, 770, 45 [[ADS](#)]

*Instruments:* WFI

### [Indication for an intermediate-mass black hole in the globular cluster NGC 5286 from kinematics](#)

**Feldmeier, A.**, **Lützgendorf, N.**, **Neumayer, N.**, **Kissler-Patig, M.**, Gebhardt, K., Baumgardt, H., Noyola, E., **de Zeeuw, P.T.**, & Jalali, B., 2013, A&A, 554, 63 [[ADS](#)]

*Instruments:* FLAMES-GIRAFFE

### [A progenitor binary and an ejected mass donor remnant of faint type Ia supernovae](#)

**Geier, S.**, Marsh, T.R., Wang, B., Dunlap, B., Barlow, B.N., Schaffenroth, V., Chen, X., Irrgang, A., Maxted, P.F.L., Ziegerer, E., Kupfer, T., Miszalski, B., Heber, U., Han, Z., Shporer, A., Telting, J.H., Gänsicke, B.T., Østensen, R.H., O'Toole, S.J., & Napiwotzki, R., 2013, A&A, 554, 54 [[ADS](#)]

*Instruments:* EFOSC2\_NTT

### [Direct detection of the tertiary component in the massive multiple HD 150136 with VLTI](#)

**Sanchez-Bermudez, J.**, Schödel, R., Alberdi, A., Barbá, R.H., **Hummel, C.A.**, Maíz Apellániz, J., & Pott, J.-U., 2013, A&A, 554, L4 [[ADS](#)]

*Instruments:* AMBER

## Miscellaneous

### **ALMA Follows Streaming of Dense Gas Down to 40 pc from the Supermassive Black Hole in NGC 1097**

Fathi, K., **Lundgren, A.A.**, Kohno, K., Piñol-Ferrer, N., **Martin, S.**, Espada, D., **Hatziminaoglou, E.**, Imanishi, M., Izumi, T., Krips, M., Matsushita, S., Meier, D.S., Nakai, N., Sheth, K., Turner, J., van de Ven, G., & **Wiklind, T.**, 2013, ApJ, 770, L27 [[ADS](#)]

*Instruments:* ALMA\_Bands

## Papers without ESO data

### **Towards understanding the relation between the gas and the attenuation in galaxies at kpc scales**

Boquien, M., Boselli, A., Buat, V., Baes, M., Bendo, G., Boissier, S., Ciesla, L., Cooray, A., **Cortese, L.**, Eales, S., Koda, J., Leboutteiller, V., de Looze, I., Smith, M.W.L., Spinoglio, L., & Wilson, C.D., 2013, A&A, 554, 14 [[ADS](#)]

### **The parsec-scale structure of radio-loud broad absorption line quasars**

Bruni, G., Dallacasa, D., Mack, K.-H., **Montenegro-Montes, F.M.**, González-Serrano, J.I., Holt, J., Jiménez-Luján, F., 2013, A&A, 554, 94 [[ADS](#)]

### **Planetary Nebula Spectrograph survey of S0 galaxy kinematics - II. Clues to the origins of S0 galaxies**

**Cortesi, A.**, Merrifield, M.R., **Cocato, L.**, **Arnaboldi, M.**, Gerhard, O., Bamford, S., Napolitano, N.R., Romanowsky, A.J., Douglas, N.G., Kuijken, K., Capaccioli, M., Freeman, K.C., Saha, K., & Chies-Santos, A.L., 2013, MNRAS, 432, 1010 [[ADS](#)]

### **First results from the Herschel Gould Belt Survey in Taurus**

Kirk, J.M., Ward-Thompson, D., Palmeirim, P., André, P., Griffin, M.J., Hargrave, P.J., Könyves, V., Bernard, J.-P., Nutter, D.J., Sibthorpe, B., Di Francesco, J., Abergel, A., Arzoumanian, D., Benedettini, M., Bontemps, S., Elia, D., Hennemann, M., Hill, T., Men'shchikov, A., Motte, F., Nguyen-Luong, Q., Peretto, N., Pezzuto, S., Rygl, K.L.J., Sadavoy, S.I., Schisano, E., Schneider, N., **Testi, L.**, White, G., 2013, MNRAS, 432, 1424 [[ADS](#)]

### **The spectra of jet bases in FR I radio galaxies: implications for particle acceleration**

**Laing, R.A.**, & Bridle, A.H., 2013, MNRAS, 432, 1114 [[ADS](#)]

### **Speckle temporal stability in XAO coronagraphic images. II. Refine model for quasi-static speckle temporal evolution for VLT/SPHERE**

Martinez, P., **Kasper, M.**, Costille, A., Sauvage, J.F., Dohlen, K., Puget, P., & Beuzit, J.L., 2013, A&A, 554, 41 [[ADS](#)]

#### **Explaining millimeter-sized particles in brown dwarf disks**

Pinilla, P., Birnstiel, T., Benisty, M., Ricci, L., Natta, A., Dullemond, C.P., Dominik, C., & Testi, L., 2013, A&A, 554, 95 [[ADS](#)]

#### **The space density of magnetic cataclysmic variables**

Pretorius, M.L., Knigge, C., & Schwöpe, A.D., 2013, MNRAS, 432, 570 [[ADS](#)]

#### **The Herschel view of the massive star-forming region NGC 6334**

Russeil, D., Schneider, N., Anderson, L.D., Zavagno, A., Molinari, S., Persi, P., Bontemps, S., Motte, F., Ossenkopf, V., André, P., Arzoumanian, D., Bernard, J.-P., Deharveng, L., Didelon, P., Di Francesco, J., Elia, D., Hennemann, M., Hill, T., Könyves, V., Li, J.Z., Martin, P.G., Nguyen Luong, Q., Peretto, N., Pezzuto, S., Polychroni, D., Roussel, H., Rygl, K.L.J., Spinoglio, L., Testi, L., Tigé, J., Vavrek, R., Ward-Thompson, D., White, G., 2013, A&A, 554, 42 [[ADS](#)]

#### **A Virtual Observatory Census to Address Dwarfs Origins (AVOCADO). I. Science goals, sample selection, and analysis tools**

Sánchez-Janssen, R., Amorín, R., García-Vargas, M., Gomes, J.M., Huertas-Company, M., Jiménez-Esteban, F., Mollá, M., Papaderos, P., Pérez-Montero, E., Rodrigo, C., Sánchez Almeida, J., & Solano, E., 2013, A&A, 554, 20 [[ADS](#)]

#### **Star formation in the luminous YSO IRAS 18345-0641**

Varricatt, W.P., Thomas, H.S., Davis, C.J., Ramsay, S., & Currie, M.J., 2013, A&A, 554, 9 [[ADS](#)]

#### **The cold gas content of post-starburst galaxies**

Zwaan, M.A., Kuntschner, H., Pracy, M.B., & Couch, W.J., 2013, MNRAS, 432, 492 [[ADS](#)]

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