

BibCode	Main Author	Title	Full Author list
2015A&A...573L...4L	Liseau, R.	ALMA observations of ζ Centauri. First detection of main-sequence stars at 3 mm wavelength	Liseau, R.; Vlemmings, W.; Bayo, A.; Bertone, E.; Black, J. H.; del Burgo, C.; Chavez, M.; Danchi, W.; De la Luz, V.; Eiroa, C.; Ertel, S.; Fridlund, M. C. W.; Justtanont, K.; Krivov, A.; Marshall, J. P.; Mora, A.; Montesinos, B.; Nyman, L.-A.; Olofsson, G.; Sanz-Forcada, J.; Th��bault, P.; White, G. J.
2015A&A...575A..19R	Riviere-Marichalar, P.	Herschel-PACS observations of [OI] and H₂O in Chamaeleon II	Riviere-Marichalar, P.; Bayo, A.; Kamp, I.; Vicente, S.; Williams, J. P.; Barrado, D.; Eiroa, C.; Duch��ne, G.; Montesinos, B.; Mathews, G.; Podio, L.; Dent, W. R. F.; Hu��lamo, N.; Mer��n, B.
2015A&A...575A..51L	Liu, C.	Quest for the lost siblings of the Sun	Liu, C.; Ruchti, G.; Feltzing, S.; Mart��nez-Barbosa, C. A.; Bensby, T.; Brown, A. G. A.; Portegies Zwart, S. F.
2015A&A...574A.114V	Varenius, E.	Subarcsecond international LOFAR radio images of the M82 nucleus at 118 MHz and 154 MHz	Varenius, E.; Conway, J. E.; Mart��-Vidal, I.; Beswick, R.; Deller, A. T.; Wucknitz, O.; Jackson, N.; Adebahr, B.; P��rez-Torres, M. A.; Chy��ky, K. T.; Carozzi, T. D.; Mold��n, J.; Aalto, S.; Beck, R.; Best, P.; Dettmar, R. J.; van Driel, W.; Brunetti, G.; Br��ggen, M.; Haverkorn, M.; Heald, G.; Horellou, C.; Jarvis, M. J.; Morabito, L. K.; Miley, G. K.; R��ttinger, H. J. A.; Toribio, M. C.; White, G. J.
2015A&A...574A.140M	Maaskant, K. M.	Location and sizes of forsterite grains in protoplanetary disks. Interpretation from the Herschel DIGIT programme	Maaskant, K. M.; de Vries, B. L.; Min, M.; Waters, L. B. F. M.; Dominik, C.; Molster, F.; Tielens, A. G. G. M.
2015A&A...575A..37M	Mernier, F.	Abundance and temperature distributions in the hot intra-cluster gas of Abell 4059	Mernier, F.; de Plaa, J.; Lovisari, L.; Pinto, C.; Zhang, Y.-Y.; Kaastra, J. S.; Werner, N.; Simionescu, A.
2015A&A...574A.103C	Cruz, Patricia	Detection of the secondary eclipse of WASP-10b in the Ks-band	Cruz, Patricia; Barrado, David; Lillo-Box, Jorge; Diaz, Marcos; Birkby, Jayne; L��pez-Morales, Mercedes; Hodgkin, Simon; Fortney, Jonathan J.
2015A&A...574A..73M	Mold��n, J.	The LOFAR long baseline snapshot calibrator survey	Mold��n, J.; Deller, A. T.; Wucknitz, O.; Jackson, N.; Drabent, A.; Carozzi, T.; Conway, J.; Kapi��ska, A. D.; McKean, J. P.; Morabito, L.; Varenius, E.; Zarka, P.; Anderson, J.; Asgekar, A.; Avrucc, I. M.; Bell, M. E.; Bentum, M. J.; Bernardi, G.; Best, P.; B��rzan, L.; Bregman, J.; Breiting, F.; Broderick, J. W.; Br��ggen, M.; Butcher, H. R.; Carbone, D.; Ciardi, B.; de Gasperin, F.; de Geus, E.; Duscha, S.; Eisl��ffel, J.; Engels, D.; Falcke, H.; Fallows, R. A.; Fender, R.; Ferrari, C.; Frieswijk, W.; Garrett, M. A.; Grie��meier, J.; Gunst, A. W.; Hamaker, J. P.; Hassall, T. E.; Heald, G.; Hoefl, M.; Jette, E.; Karastergiou, A.; Kondratiev, V. I.; Kramer, M.; Kuniyoshi, M.; Kuper, G.; Maat, P.; Mann, G.; Markoff, S.; McFadden, R.; McKay-Bukowski, D.; Morganti, R.; Munk, H.; Norden, M. J.; Offringa, A. R.; Orr, E.; Paas, H.; Pandey-Pommier, M.; Pizzo, R.; Polatidis, A. G.; Reich, W.; R��ttinger, H.; Rowlinson, A.; Scaife, A. M. M.; Schwarz, D.; Sluman, J.; Smirnov, O.; Stappers, B. W.; Steinmetz, M.; Tagger, M.; Tang, Y.; Tasse, C.; Thoudam, S.; Toribio, M. C.; Vermeulen, R.; Vocks, C.; van Weeren, R. J.; White, S.; Wise, M. W.; Yatawatta, S.; Zensus, A.
2015A&A...573A..63L	Liu, Yao	Herschel/PACS view of disks around low-mass stars and brown dwarfs in the TW Hydrae association	Liu, Yao; Herczeg, Gregory J.; Gong, Muan; Allers, Katelyn N.; Brown, Joanna M.; Kraus, Adam L.; Liu, Michael C.; Shkolnik, Evgenya L.; van Dishoeck, Ewine F.
2015A&A...575A..48S	Sif��n, Crist��bal	Constraints on the alignment of galaxies in galaxy clusters from ~14 000 spectroscopic members	Sif��n, Crist��bal; Hoekstra, Henk; Cacciato, Marcello; Viola, Massimo; K��hlinger, Fabian; van der Burg, Remco F. J.; Sand, David J.; Graham, Melissa L.
2015A&A...573A..16C	Cazaux, S.	Pore evolution in interstellar ice analogues. Simulating the effects of temperature increase	Cazaux, S.; Bossa, J.-B.; Linnartz, H.; Tielens, A. G. G. M.
2015A&A...574C..3M	Mehdipour, M.	Anatomy of the AGN in NGC 5548. I. A global model for the broadband spectral energy distribution	Mehdipour, M.; Kaastra, J. S.; Kriss, G. A.; Cappi, M.; Petrucci, P. -O.; Steenbrugge, K. C.; Arav, N.; Behar, E.; Bianchi, S.; Boissay, R.; Branduardi-Raymont, G.; Costantini, E.; Ebrero, J.; Di Gesu, L.; Harrison, F. A.; Kaspi, S.; De Marco, B.; Matt, G.; Paltani, S.; Peterson, B. M.; Ponti, G.; Pozo Nu��ez, F.; De Rosa, A.; Ursini, F.; de Vries, C. P.; Walton, D. J.; Whewell, M.
2015A&A...574A.107K	Kama, M.	Depletion of chlorine into HCl ice in a protostellar core. The CHESS spectral survey of OMC-2 FIR 4	Kama, M.; Caux, E.; L��pez-Sepulcre, A.; Wakelam, V.; Dominik, C.; Ceccarelli, C.; Lanza, M.; Lique, F.; Ochsendorf, B. B.; Lis, D. C.; Caballero, R. N.; Tielens, A. G. G. M.
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2015A&A...574A..79K	Kochukhov, O.	Magnetic field topology and chemical spot distributions in the extreme Ap star HD 75049	Kochukhov, O.; Rusomarov, N.; Valenti, J. A.; Stempels, H. C.; Snik, F.; Rodenhuis, M.; Piskunov, N.; Makaganiuk, V.; Keller, C. U.; Johns-Krull, C. M.
2015A&A...575A..94B	Bruderer, Simon	Ro-vibrational excitation of an organic molecule (HCN) in protoplanetary disks	Bruderer, Simon; Harsono, Daniel; van Dishoeck, Ewine F.
2015A&A...576A..85C	Choi, Y.	Observations of water with Herschel/HIFI toward the high-mass protostar AFGL 2591	Choi, Y.; van der Tak, F. F. S.; van Dishoeck, E. F.; Herpin, F.; Wyrowski, F.
2015A&A...575A.127P	Parekh, Viral	Morphology parameters: substructure identification in X-ray galaxy clusters	Parekh, Viral; van der Heyden, Kurt; Ferrari, Chiara; Angus, Garry; Holwerda, Benne
2015A&A...574A..45F	Fayolle, Edith C.	Complex organic molecules in organic-poor massive young stellar objects	Fayolle, Edith C.; ��berg, Karin I.; Garrod, Robin T.; van Dishoeck, Ewine F.; Bisschop, Suzanne E.
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2015A&A...575A.121A	Arasa, Carina	Photodesorption of H₂O, HDO, and D₂O ice and its impact on fractionation	Arasa, Carina; Koning, Jesper; Kroes, Geert-Jan; Walsh, Catherine; van Dishoeck, Ewine F.
2015A&A...577A..22H	Harsono, D.	Testing protostellar disk formation models with ALMA observations	Harsono, D.; van Dishoeck, E. F.; Bruderer, S.; Li, Z.-Y.; J��rgensen, J. K.
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2015A&A...575A...90G	Garsden, H.	LOFAR sparse image reconstruction	Garsden, H.; Girard, J. N.; Starck, J. L.; Corbel, S.; Tasse, C.; Woiselle, A.; McKean, J. P.; van Amelsfoort, A. S.; Anderson, J.; Avru, I. M.; Beck, R.; Bentum, M. J.; Best, P.; Breiting, F.; Broderick, J.; BrÃ¼ggen, M.; Butcher, H. R.; Clardi, B.; de Gasperin, F.; de Geus, E.; de Vos, M.; Duscha, S.; EislÃ¶ffel, J.; Engels, D.; Falcke, H.; Fallows, R. A.; Fender, R.; Ferrari, C.; Frieswijk, W.; Garrett, M. A.; GrieÃmeier, J.; Gunst, A. W.; Hassall, T. E.; Heald, G.; Hoef, M.; HÃ¶randel, J.; van der Horst, A.; Juette, E.; Karastergiou, A.; Kondratiev, V. I.; Kramer, M.; Kuniyoshi, M.; Kuper, G.; Mann, G.; Markoff, S.; McFadden, R.; McKay-Bukowski, D.; Mulcahy, D. D.; Munk, H.; Norden, M. J.; Orru, E.; Paas, H.; Pandey-Pommier, M.; Pandey, V. N.; Pietka, G.; Pizzo, R.; Polatidis, A. G.; Renting, A.; RÃ¶ttgering, H.; Rowlinson, A.; Schwarz, D.; Sluman, J.; Smirnov, O.; Stappers, B. W.; Steinmetz, M.; Stewart, A.; Swinbank, J.; Tagger, M.; Tang, Y.; Tasse, C.; Thoudam, S.; Toribio, C.; Vermeulen, R.; Vocks, C.; van Weeren, R. J.; Wijnholds, S. J.; Wise, M. W.; Wucknitz, O.; Yatawatta, S.; Zarka, P.; Zensus, A.
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2015A&A...576A...11G	Gandolfi, D.	Kepler-423b: a half-Jupiter mass planet transiting a very old solar-like star	Gandolfi, D.; Parviainen, H.; Deeg, H. J.; Lanza, A. F.; Fridlund, M.; Prada Moroni, P. G.; Alonso, R.; Augustejn, T.; Cabrera, J.; Evans, T.; Geier, S.; Hatzes, A. P.; Holczer, T.; Hoyer, S.; Kangas, T.; Mazeh, T.; Pagano, I.; Tal Or, L.; Tingley, B.
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2015A&A...576A...59S	Snellen, I.	Combining high-dispersion spectroscopy with high contrast imaging: Probing rocky planets around our nearest neighbors	Snellen, I.; de Kok, R.; Birkby, J. L.; Brandl, B.; Brogi, M.; Keller, C.; Kenworthy, M.; Schwarz, H.; Stuijk, R.
2015A&A...576A.109Y	YÃ¼zÃ¼n, U. A.	APEX-CHAMP⁺ high-J CO observations of low-mass young stellar objects. IV. Mechanical and radiative feedback	YÃ¼zÃ¼n, U. A.; Kristensen, L. E.; van Dishoeck, E. F.; Hogerheijde, M. R.; Karska, A.; Belloche, A.; Endo, A.; Frieswijk, W.; GÃ¼sten, R.; van Kempen, T. A.; Leurini, S.; Nagy, Z.; PÃ©rez-Beaupuits, J. P.; Risacher, C.; van der Marel, N.; van Weeren, R. J.; Wyrowski, F.
2015A&A...577A...37A	Arav, N.	Anatomy of the AGN in NGC 5548. II. The spatial, temporal, and physical nature of the outflow from HST/COS Observations	Arav, N.; Chamberlain, C.; Kriss, G. A.; Kaastra, J. S.; Cappi, M.; Mehdipour, M.; Petrucci, P.-O.; Steenbrugge, K. C.; Behar, E.; Bianchi, S.; Boissay, R.; Branduardi-Raymont, G.; Costantini, E.; Ely, J. C.; Ebrero, J.; di Gesu, L.; Harrison, F. A.; Kaspi, S.; Malzac, J.; De Marco, B.; Matt, G.; Nandra, K. P.; Paltani, S.; Peterson, B. M.; Pinto, C.; Ponti, G.; Pozo NuÃ±ez, F.; De Rosa, A.; Seta, H.; Ursini, F.; de Vries, C. P.; Walton, D. J.; Whewell, M.
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2015A&A...575A...75B	Bacon, R.	The MUSE 3D view of the Hubble Deep Field South	Bacon, R.; Brinchmann, J.; Richard, J.; Contini, T.; Drake, A.; Franx, M.; Tacchella, S.; Vernet, J.; Wisotzki, L.; Blaizot, J.; BouchÃ©, N.; Bouwens, R.; Cantalupo, S.; Carollo, C. M.; Carton, D.; Caruana, J.; CiÃment, B.; Dreizler, S.; Epinat, B.; Guiderdoni, B.; Herenz, C.; Husser, T.-O.; Kamann, S.; Kerutt, J.; Kollatschny, W.; Krajinovic, D.; Lilly, S.; Martinsson, T.; Michel-Dansac, L.; PatrÃ­cio, V.; Schaye, J.; Shirazi, M.; Soto, K.; Soucail, G.; Steinmetz, M.; Urrutia, T.; Weilbacher, P.; de Zeeuw, T.
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2015A&A...577A.129B	Baryshev, A. M.	The ALMA Band 9 receiver. Design, construction, characterization, and first light	Baryshev, A. M.; Hesper, R.; Mena, F. P.; Klapwijk, T. M.; van Kempen, T. A.; Hogerheijde, M. R.; Jackson, B. D.; Adema, J.; Gerlofsma, G. J.; Bekema, M. E.; Barkhof, J.; de Haan-Stijkel, L. H. R.; van den Bemt, M.; Koops, A.; Keizer, K.; Pieters, C.; Koops van het Jagt, J.; Schaeffer, H. H. A.; Zijlstra, T.; Kroug, M.; Lodewijk, C. F. J.; Wielinga, K.; Boland, W.; de Graauw, M. W. M.; van Dishoeck, E. F.; Jager, H.; Wild, W.
2015A&A...578A.102S	Surcis, G.	EVN observations of 6.7 GHz methanol maser polarization in massive star-forming regions. III. The flux-limited sample	Surcis, G.; Vlemmings, W. H. T.; van Langevelde, H. J.; Hutawarakorn, Kramer, B.; Bartkiewicz, A.; Blasi, M. G.
2015A&A...578L...1C	Canovas, H.	The inner environment of Z Canis Majoris: High-contrast imaging polarimetry with NaCo	Canovas, H.; Perez, S.; Dougados, C.; de Boer, J.; MÃnard, F.; Casassus, S.; Schreiber, M. R.; Cieza, L. A.; Caceres, C.; Girard, J. H.
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2015A&A...578A.95I	Israel, F. P.	Neutral carbon and CO in 76 (U)LIRGs and starburst galaxy centers. A method to determine molecular gas properties in luminous galaxies	Israel, F. P.; Rosenberg, M. J. F.; van der Werf, P.
2015A&A...579A...26V	van Uiter, Edo	Evolution of the luminosity-to-halo mass relation of LRGs from a combined analysis of SDSS-DR10+RCS2	van Uiter, Edo; Cacciato, Marcello; Hoekstra, Henk; Herbonnet, Ricardo
2015A&A...578A...8B	Boquien, M.	Measuring star formation with resolved observations: the test case of M 33	Boquien, M.; Calzetti, D.; Aalto, S.; Boselli, A.; Braine, J.; Buat, V.; Combes, F.; Israel, F.; Kramer, C.; Lord, S.; RelaÃo, M.; Rosolowsky, E.; Stacey, G.; Tabatabaei, F.; van der Tak, F.; van der Werf, P.; Verley, S.; Xilouris, M.
2015A&A...579A...33V	van Haften, L. M.	Population synthesis of classical low-mass X-ray binaries in the Galactic Bulge	van Haften, L. M.; Nelemans, G.; Voss, R.; van der Sluis, M. V.; Toonen, S.
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2015A&A...578L...6B	Benisty, M.	Asymmetric features in the protoplanetary disk MWC 758	Benisty, M.; Juhasz, A.; Boccaletti, A.; Avenhaus, H.; Milli, J.; Thalmann, C.; Dominik, C.; Pinilla, P.; Buenzli, E.; Pohl, A.; Beuzit, J.-L.; Birnstiel, T.; de Boer, J.; Bonnefoy, M.; Chauvin, G.; Christiaens, V.; Garufi, A.; Grady, C.; Henning, T.; Huelamo, N.; Isella, A.; Langlois, M.; MÃnard, F.; Mouillet, D.; Olofsson, J.; Pantin, E.; Pinte, C.; Pueyo, L.
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2015A&A...579A..27S	Shulevski, A.	The peculiar radio galaxy 4C 35.06: a case for recurrent AGN activity?	Shulevski, A.; Morganti, R.; Barthel, P. D.; Murgia, M.; van Weeren, R. J.; White, G. J.; BrÅggen, M.; Kunert-Bajraszewska, M.; Jamroz, M.; Best, P. N.; RÅttgering, H. J. A.; Chyzy, K. T.; de Gasperin, F.; BÅrzan, L.; Brunetti, G.; Brienza, M.; Rafferty, D. A.; Anderson, J.; Beck, R.; Deller, A.; Zarka, P.; Schwarz, D.; Mahony, E.; OrrÅ©, E.; Bell, M. E.; Bentum, M. J.; Bernardi, G.; Bonafede, A.; Breittling, F.; Broderick, J. W.; Butcher, H. R.; Carbone, D.; Ciardi, B.; de Geus, E.; Duscha, S.; EislÅffel, J.; Engels, D.; Falcke, H.; Fallows, R. A.; Fender, R.; Ferrari, C.; Frieswijk, W.; Garrett, M. A.; GrieÅmeier, J.; Gunst, A. W.; Heald, G.; Hoeft, M.; HÅrandel, J.; Horneffer, A.; van der Horst, A. J.; Intema, H.; Juette, E.; Karastergiou, A.; Kondratiev, V. I.; Kramer, M.; Kuniyoshi, M.; Kuper, G.; Maat, P.; Mann, G.; McFadden, R.; McKay-Bukowski, D.; McKean, J. P.; Meulman, H.; Mulcahy, D. D.; Munk, H.; Norden, M. J.; Paas, H.; Pandey-Pommier, M.; Pizzo, R.; Polatidis, A. G.; Reich, W.; Rowlinson, A.; Scaife, A. M. M.; Serylak, M.; Sluman, J.; Smirnov, O.; Steinmetz, M.; Swinbank, J.; Tagger, M.; Tang, Y.; Tasse, C.; Thoudam, S.; Toribio, M. C.; Vermeulen, R.; Vocks, C.; Wijers, R. A. M. J.; Wise, M. W.; Wucknitz, O.
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2015ApJ...798...31A	Alatalo, Katherine	Suppression of Star Formation in NGC 1266	Alatalo, Katherine; Lacy, Mark; Lanz, Lauranne; Bitsakis, Theodoros; Appleton, Philip N.; Nyland, Kristina; Cales, Sabrina L.; Chang, Philip; Davis, Timothy A.; de Zeeuw, P. T.; Lonsdale, Carol J.; MartÃn, Sergio; Meier, David S.; Ogle, Patrick M.
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2015ApJ...806..110D	da Cunha, E.	An ALMA Survey of Sub-millimeter Galaxies in the Extended Chandra Deep Field South: Physical Properties Derived from Ultraviolet-to-radio Modeling	da Cunha, E.; Walter, F.; Smail, I. R.; Swinbank, A. M.; Simpson, J. M.; Decarli, R.; Hodge, J. A.; Weiss, A.; van der Werf, P. P.; Bertoldi, F.; Chapman, S. C.; Cox, P.; Danielson, A. L. R.; Dannerbauer, H.; Greve, T. R.; Ivison, R. J.; Karim, A.; Thomson, A.
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2015MNRAS.452.1217C	Correa, Camila A.	The accretion history of dark matter haloes - III. A physical model for the concentration-mass relation	Correa, Camila A.; Wyithe, J. Stuart B.; Schaye, Joop; Duffy, Alan R.
2015MNRAS.452.2168E	Eriksen, Martin	Combining spectroscopic and photometric surveys using angular cross-correlations - II. Parameter constraints from different physical effects	Eriksen, Martin; Gaztañaga, Enrique
2015MNRAS.451.1586P	Pawlik, Andreas H.	Spatially adaptive radiation-hydrodynamical simulations of galaxy formation during cosmological reionization	Pawlik, Andreas H.; Schaye, Joop; Dalla Vecchia, Claudio
2015MNRAS.451.4060S	Seeliger, M.	Ground-based transit observations of the HAT-P-18, HAT-P-19, HAT-P-27/WASP40 and WASP-21 systems	Seeliger, M.; Kitzé, M.; Errmann, R.; Richter, S.; Ohlert, J. M.; Chen, W. P.; Guo, J. K.; Gäyá, E.; Gäyá, E.; Aydın, B.; Mottola, S.; Hellmich, S.; Fernandez, M.; Aceituno, F. J.; Dimitrov, D.; Kjurkchieva, D.; Jensen, E.; Cohen, D.; Kundra, E.; Pribulla, T.; Vaňko, M.; Budaj, J.; Mallonn, M.; Wu, Z. -Y.; Zhou, X.; Raetz, S.; Adam, C.; Schmidt, T. O. B.; Ide, A.; Mugrauer, M.; Marschall, L.; Hackstein, M.; Chini, R.; Haas, M.; Ak, T.; Gäyá, E.; Zdzánek, A.; Ginski, C.; Marka, C.; Schmidt, J. G.; Dincel, B.; Werner, K.; Dathe, A.; Greif, J.; Wolf, V.; Buder, S.; Pannicke, A.; Puchalski, D.; Neuhäuser, R.
2015MNRAS.452...2K	Krajnović, Davor	Unveiling the counter-rotating nature of the kinematically distinct core in NGC 5813 with MUSE	Krajnović, Davor; Weilbacher, Peter M.; Urrutia, Tanya; Emsellem, Eric; Carollo, C. Marcella; Shirazi, Maryam; Bacon, Roland; Contini, Thierry; Epinat, Benoît; Kamann, Sebastian; Martinsson, Thomas; Steinmetz, Matthias
2015MNRAS.452.2247V	van Daalen, Marcel P.	The contributions of matter inside and outside of haloes to the matter power spectrum	van Daalen, Marcel P.; Schaye, Joop
2015MNRAS.452.2034R	Rahmati, Alireza	The distribution of neutral hydrogen around high-redshift galaxies and quasars in the EAGLE simulation	Rahmati, Alireza; Schaye, Joop; Bower, Richard G.; Crain, Robert A.; Furlong, Michelle; Schaller, Matthieu; Theuns, Tom
2015MNRAS.452.2149E	Eriksen, Martin	Combining spectroscopic and photometric surveys using angular cross-correlations - I. Algorithm and modelling	Eriksen, Martin; Gaztañaga, Enrique
2015MNRAS.452.2087L	Liske, J.	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2	Liske, J.; Baldry, I. K.; Driver, S. P.; Tuffs, R. J.; Alpaslan, M.; Andrae, E.; Brough, S.; Cluver, M. E.; Grootes, M. W.; Gunawardhana, M. L. P.; Kelvin, L. S.; Loveday, J.; Robotham, A. S. G.; Taylor, E. N.; Bamford, S. P.; Bland-Hawthorn, J.; Brown, M. J. I.; Drinkwater, M. J.; Hopkins, A. M.; Meyer, M. J.; Norberg, P.; Peacock, J. A.; Agius, N. K.; Andrews, S. K.; Bauer, A. E.; Ching, J. H. Y.; Colless, M.; Conselice, C. J.; Croom, S. M.; Davies, L. J. M.; De Propris, R.; Dunne, L.; Eardley, E. M.; Ellis, S.; Foster, C.; Frenk, C. S.; Häufler, B.; Holwerda, B. W.; Howlett, C.; Ibarra, H.; Jarvis, M. J.; Jones, D. H.; Kafle, P. R.; Lacey, C. G.; Lange, R.; Lara-López, M. A.; López-Sánchez, Á.; Maddox, S.; Madore, B. F.; McNaught-Roberts, T.; Moffett, A. J.; Nichol, R. C.; Owers, M. S.; Palamara, D.; Penny, S. J.; Phillipps, S.; Pimblett, K. A.; Popescu, C. C.; Prescott, M.; Proctor, R.; Sadler, E. M.; Sansom, A. E.; Seibert, M.; Sharp, R.; Sutherland, W.; Vázquez-Mata, J. A.; van Kampen, E.; Wilkins, S. M.; Williams, R.; Wright, A. H.
2015MNRAS.453...242S	Stroe, Andra	A large narrow-band $\text{H}\beta$ survey at $z \approx 0.2$: the bright end of the luminosity function, cosmic variance and clustering across cosmic time	Stroe, Andra; Sobral, David
2015MNRAS.452.3100C	Cavuoti, S.	Machine-learning-based photometric redshifts for galaxies of the ESO Kilo-Degree Survey data release 2	Cavuoti, S.; Brescia, M.; Tortora, C.; Longo, G.; Napolitano, N. R.; Radovich, M.; Barbera, F. L.; Capaccioli, M.; de Jong, J. T. A.; Getman, F.; Grado, A.; Paolillo, M.
2015MNRAS.453.2259V	Venemans, B. P.	First discoveries of $z \approx 6$ quasars with the Kilo-Degree Survey and VISTA Kilo-Degree Infrared Galaxy survey	Venemans, B. P.; Verdoes Kleijn, G. A.; Mwebaze, J.; Valentijn, E. A.; Bañados, E.; Decarli, R.; de Jong, J. T. A.; Findlay, J. R.; Kuijken, K. H.; Barbera, F. L.; McFarland, J. P.; McMahon, R. G.; Napolitano, N.; Sikkema, G.; Sutherland, W. J.
2015MNRAS.453.2378M	Meshkat, T.	Discovery of a low-mass companion to the F7V star HD 984	Meshkat, T.; Bonnefoy, M.; Mamajek, E. E.; Quanz, S. P.; Chauvin, G.; Kenworthy, M. A.; Rameau, J.; Meyer, M. R.; Lagrange, A. -M.; Lannier, J.; Delorme, P.
2015MNRAS.453.1768P	Pohl, A.	Scattered light images of spiral arms in marginally gravitationally unstable discs with an embedded planet	Pohl, A.; Pinilla, P.; Benisty, M.; Ataiee, S.; Juhász, A.; Dullemond, C. P.; Van Boekel, R.; Henning, T.
2015MNRAS.453...605P	Pijlloo, J. T.	The initial conditions of observed star clusters - I. Method description and validation	Pijlloo, J. T.; Portegies Zwart, S. F.; Alexander, P. E. R.; Gieles, M.; Larsen, S. S.; Groot, P. J.; Devecchi, B.
2015MNRAS.453...101C	Ciardi, B.	Simulating the 21 cm forest detectable with LOFAR and SKA in the spectra of high- z GRBs	Ciardi, B.; Inoue, S.; Abdalla, F. B.; Asad, K.; Bernardi, G.; Bolton, J. S.; Brentjens, M.; de Bruyn, A. G.; Chapman, E.; Daiboo, S.; Fernandez, E. R.; Ghosh, A.; Graziani, L.; Harker, G. J. A.; Iliev, I. T.; Jelić, V.; Jensen, H.; Kazemi, S.; Koopmans, L. V. E.; Martinez, O.; Maselli, A.; Mellema, G.; Offringa, A. R.; Pandey, V. N.; Schaye, J.; Thomas, R.; Vedantham, H.; Yatawatta, S.; Zaroubi, S.

2015MNRAS.453.1249A	Allison, J. R.	Discovery of H I gas in a young radio galaxy at $z = 0.44$ using the Australian Square Kilometre Array Pathfinder	Allison, J. R.; Sadler, E. M.; Moss, V. A.; Whiting, M. T.; Hunstead, R. W.; Pracy, M. B.; Curran, S. J.; Croom, S. M.; Glowacki, M.; Morganti, R.; Shabala, S. S.; Zwaan, M. A.; Allen, G.; Amy, S. W.; Axtens, P.; Ball, L.; Bannister, K. W.; Barker, S.; Bell, M. E.; Bock, D. C. -J.; Bolton, R.; Bowen, M.; Boyle, B.; Braun, R.; Broadhurst, S.; Brodrick, D.; Brothers, M.; Brown, A.; Bunton, J. D.; Cantrill, C.; Chapman, J.; Cheng, W.; Chippendale, A. P.; Chung, Y.; Cooray, F.; Cornwell, T.; DeBoer, D.; Diamond, P.; Edwards, P. G.; Ekers, R.; Feain, I.; Ferris, R. H.; Forsyth, R.; Gough, R.; Grancea, A.; Gupta, N.; Guzman, J. C.; Hampson, G.; Harvey-Smith, L.; Haskins, C.; Hay, S.; Hayman, D. B.; Heywood, I.; Hotan, A. W.; Hoyle, S.; Humphreys, B.; Indermuehle, B. T.; Jacka, C.; Jackson, C.; Jackson, S.; Jeganathan, K.; Johnston, S.; Joseph, J.; Kendall, R.; Kesteven, M.; Kiraly, D.; Koribalski, B. S.; Leach, M.; Lenc, E.; Lensson, E.; Mackay, S.; Macleod, A.; Marquarding, M.; Marvil, J.; McClure-Griffiths, N.; McConnell, D.; Mirtschin, P.; Norris, R. P.; Neuhold, S.; Ng, A.; O'Sullivan, J.; Pathikulangara, J.; Pearce, S.; Phillips, C.; Popping, A.; Qiao, R. Y.; Reynolds, J. E.; Roberts, P.; Sault, R. J.; Schinckel, A.; Serra, P.; Shaw, R.; Shields, M.; Shimwell, T.; Storey, M.; Sweetnam, T.; Troup, E.; Turner, B.; Tuthill, J.; Tzioumis, A.; Voronkov, M. A.; Westmeier, T.; Wilson, C. D.
2015MNRAS.452.3742P	Ploekinger, Sylvia	Tides or dark matter sub-haloes: Which ones are more attractive?	Ploekinger, Sylvia
2015MNRAS.452.3815L	Lagos, Claudia del P.	Molecular hydrogen abundances of galaxies in the EAGLE simulations	Lagos, Claudia del P.; Crain, Robert A.; Schaye, Joop; Furlong, Michelle; Frenk, Carlos S.; Bower, Richard G.; Schaller, Matthieu; Theuns, Tom; Trayford, James W.; Bahá@, Yannick M.; Dalla Vecchia, Claudio
2015MNRAS.453..721V	Velliscig, Marco	The alignment and shape of dark matter, stellar, and hot gas distributions in the EAGLE and cosmo-OWLS simulations	Velliscig, Marco; Cacciato, Marcello; Schaye, Joop; Crain, Robert A.; Bower, Richard G.; van Daalen, Marcel P.; Dalla Vecchia, Claudio; Frenk, Carlos S.; Furlong, Michelle; McCarthy, I. G.; Schaller, Matthieu; Theuns, Tom
2015MNRAS.453.1324B	Bisbas, T. G.	STARBENCH: the D-type expansion of an H II region	Bisbas, T. G.; Haworth, T. J.; Williams, R. J. R.; Mackey, J.; Tremblin, P.; Raga, A. C.; Arthur, S. J.; Baczynski, C.; Dale, J. E.; Frostholm, T.; Geen, S.; Haugbäck, J.; Hubber, D.; Iliev, I. T.; Kuiper, R.; Rosdahl, J.; Sullivan, D.; Walsh, S.; Wünsch, R.
2015MNRAS.453...73J	Jenness, Tim	Automated reduction of sub-millimetre single-dish heterodyne data from the James Clerk Maxwell Telescope using ORAC-DR	Jenness, Tim; Currie, Malcolm J.; Tilanus, Remo P. J.; Cavanagh, Brad; Berry, David S.; Leech, Jamie; Rizzi, Luca
2015MNRAS.452.3489E	Eales, Stephen	H-ATLAS/GAMA: quantifying the morphological evolution of the galaxy population using cosmic calorimetry	Eales, Stephen; Fullard, Andrew; Allen, Matthew; Smith, M. W. L.; Baldry, Ivan; Bourne, Nathan; Clark, C. J. R.; Driver, Simon; Dunne, Loretta; Dye, Simon; Graham, Alister W.; Ibar, Edo; Hopkins, Andrew; Ivison, Rob; Kelvin, Lee S.; Maddox, Steve; Maraston, Claudia; Robotham, Aaron S. G.; Smith, Dan; Taylor, Edward N.; Valiante, Elisabetta; Werf, Paul van der; Baes, Maarten; Brough, Sarah; Clements, David; Cooray, Asantha; Gomez, Haley; Loveday, Jon; Philipps, Steven; Scott, Douglas; Serjeant, Steve
2015MNRAS.453..414W	Wright, C. M.	Resolving structure of the disc around HD100546 at 7 mm with ATCA	Wright, C. M.; Maddison, S. T.; Wilner, D. J.; Burton, M. G.; Lommen, D.; van Dishoeck, E. F.; Pinilla, P.; Bourke, T. L.; Menard, F.; Walsh, C.
2015MNRAS.452.2879T	Trayford, James W.	Colours and luminosities of $z = 0.1$ galaxies in the EAGLE simulation	Trayford, James W.; Theuns, Tom; Bower, Richard G.; Schaye, Joop; Furlong, Michelle; Schaller, Matthieu; Frenk, Carlos S.; Crain, Robert A.; Dalla Vecchia, Claudio; McCarthy, Ian G.
2015MNRAS.452.3650O	Oman, Kyle A.	The unexpected diversity of dwarf galaxy rotation curves	Oman, Kyle A.; Navarro, Julio F.; Fattahi, Azadeh; Frenk, Carlos S.; Sawala, Till; White, Simon D. M.; Bower, Richard; Crain, Robert A.; Furlong, Michelle; Schaller, Matthieu; Schaye, Joop; Theuns, Tom
2015MNRAS.453..541A	Antoja, T.	Detection of satellite remnants in the Galactic halo with Gaia-III. Detection limits for ultrafaint dwarf galaxies	Antoja, T.; Mateu, C.; Aguilar, L.; Figueras, F.; Antiche, E.; Hernández-Pérez, F.; Brown, A. G. A.; Valenzuela, O.; Aparicio, A.; Hidalgo, S.; Velázquez, H.
2015MNRAS.452.3529V	Viola, M.	Dark matter halo properties of GAMA galaxy groups from 100 square degrees of KIDS weak lensing data	Viola, M.; Cacciato, M.; Brouwer, M.; Kuijken, K.; Hoekstra, H.; Norberg, P.; Robotham, A. S. G.; van Uitert, E.; Alpaslan, M.; Baldry, I. K.; Choi, A.; de Jong, J. T. A.; Driver, S. P.; Erben, T.; Grado, A.; Graham, Alister W.; Heymans, C.; Hildebrandt, H.; Hopkins, A. M.; Irisarri, N.; Joachimi, B.; Loveday, J.; Miller, L.; Nakajima, R.; Schneider, P.; Sifón, C.; Verdoes Kleijn, G.
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2015MNRAS.453.2465P	Pallottini, A.	The brightest Ly α emitter: Pop III or black hole?	Pallottini, A.; Ferrara, A.; Pacucci, F.; Gallerani, S.; Salvadori, S.; Schneider, R.; Schaerer, D.; Sobral, D.; Matthee, J.
2015Natur.520..198O	Åberg, Karin I.	The comet-like composition of a protoplanetary disk as revealed by complex cyanides	Åberg, Karin I.; Guzmán, Viviana V.; Furuya, Kenji; Qi, Chunhua; Aikawa, Yuri; Andrews, Sean M.; Loomis, Ryan; Wilner, David J.
2015MNRAS.454.1432S	Schrabback, Tim	CFHTLenS: weak lensing constraints on the ellipticity of galaxy-scale matter haloes and the galaxy-halo misalignment	Schrabback, Tim; Hilbert, Stefan; Hoekstra, Henk; Simon, Patrick; van Uitert, Edo; Erben, Thomas; Heymans, Catherine; Hildebrandt, Hendrik; Kitching, Thomas D.; Mellier, Yannick; Miller, Lance; Van Waerbeke, Ludovic; Bett, Philip; Coupon, Jean; Fu, Liping; Hudson, Michael J.; Joachimi, Benjamin; Kilbinger, Martin; Kuijken, Konrad
2015MNRAS.454..806K	Kennedy, Rebecca	Galaxy And Mass Assembly (GAMA): the wavelength dependence of galaxy structure versus redshift and luminosity	Kennedy, Rebecca; Bamford, Steven P.; Baldry, Ivan; HåuÅyler, Boris; Holwerda, Benne W.; Hopkins, Andrew M.; Kelvin, Lee S.; Lange, Rebecca; Moffett, Amanda J.; Popescu, Cristina C.; Taylor, Edward N.; Tuffs, Richard J.; Vika, Marina; Vulcani, Benedetta
2015MNRAS.454.4484G	Geen, Sam	Photoionization feedback in a self-gravitating, magnetized, turbulent cloud	Geen, Sam; Hennebelle, Patrick; Tremblin, Pascal; Rosdahl, Joakim
2015MNRAS.453.2533M	Meshkat, T.	Searching for gas giant planets on Solar system scales - a NACO/APP L'-band survey of A- and F-type main-sequence stars	Meshkat, T.; Kenworthy, M. A.; Reggiani, M.; Quanz, S. P.; Mamajek, E. E.; Meyer, M. R.
2015MNRAS.453.3157J	JÁ-ikováĀ, Lucie	How Sedna and family were captured in a close encounter with a solar sibling	JÁ-ikováĀ, Lucie; Portegies Zwart, Simon; Pijloo, Tjibbaria; Hammer, Michael
2015MolPh.113.2063H	Haddad, M. A.	The electronic spectra of long carbon-chain(¹³ C ₂ nH/D molecules for (Haddad, M. A.; Zhao, D.; Linnart, H.; Ubachs, W.
2015MNRAS.453.3107K	KÄŋhlinger, F.	Statistical uncertainties and systematic errors in weak lensing mass estimates of galaxy clusters	KÄŋhlinger, F.; Hoekstra, H.; Erksen, M.
2015MNRAS.454.3328V	Velliscig, Marco	Intrinsic alignments of galaxies in the EAGLE and cosmo-OWLS simulations	Velliscig, Marco; Cacciato, Marcello; Schaye, Joop; Hoekstra, Henk; Bower, Richard G.; Crain, Robert A.; van Daalen, Marcel P.; Furlong, Michelle; McCarthy, I. G.; Schaller, Matthieu; Theuns, Tom
2015MNRAS.454.1038R	Rosas-Guevara, Y. M.	The impact of angular momentum on black hole accretion rates in simulations of galaxy formation	Rosas-Guevara, Y. M.; Bower, R. G.; Schaye, J.; Furlong, M.; Frenk, C. S.; Booth, C. M.; Crain, R. A.; Dalla Vecchia, C.; Schaller, M.; Theuns, T.
2015MNRAS.454.2277S	Schaller, Matthieu	The EAGLE simulations of galaxy formation: the importance of the hydrodynamics scheme	Schaller, Matthieu; Dalla Vecchia, Claudio; Schaye, Joop; Bower, Richard G.; Theuns, Tom; Crain, Robert A.; Furlong, Michelle; McCarthy, Ian G.

2015MNRAS.454.3500K	Kuijken, Konrad	Gravitational lensing analysis of the Kilo-Degree Survey	Kuijken, Konrad; Heymans, Catherine; Hildebrandt, Hendrik; Nakajima, Reiko; Erben, Thomas; de Jong, Jelte T. A.; Viola, Massimo; Choi, Ami; Hoekstra, Henk; Miller, Lance; van Uitert, Edo; Amon, Alexandra; Blake, Chris; Brouwer, Margot; Buddendiek, Axel; Conti, Ian Fenech; Erksen, Martin; Grado, Aniello; Harnois-Draps, Joachim; Helmich, Ewout; Herbonnet, Ricardo; Irisarri, Nancy; Kitching, Thomas; Klaes, Dominik; La Barbera, Francesco; Napolitano, Nicola; Radovich, Mario; Schneider, Peter; Sifn, Cristbal; Sikkema, Gert; Simon, Patrick; Tudorica, Alexandru; Valentijn, Edwin; Verdoes Kleijn, Gijs; van Waerbeke, Ludovic
2015MNRAS.454.3150G	Giersz, Mirek	MOCCA code for star cluster simulations - IV. A new scenario for intermediate mass black hole formation in globular clusters	Giersz, Mirek; Leigh, Nathan; Hypki, Arkadiusz; Ltzgendorf, Nora; Askar, Abbas
2015MNRAS.454.419B	Banerji, Manda	Cold dust emission from X-ray AGN in the SCUBA-2 Cosmology Legacy Survey: dependence on luminosity, obscuration and AGN activity	Banerji, Manda; McMahon, R. G.; Willott, C. J.; Geach, J. E.; Harrison, C. M.; Alaghband-Zadeh, S.; Alexander, D. M.; Bourne, N.; Coppin, K. E. K.; Dunlop, J. S.; Farrah, D.; Jarvis, M.; Michaowski, M. J.; Page, M.; Smith, D. J. B.; Swinbank, A. M.; Symeonidis, M.; van der Werf, P. P.
2015MNRAS.453.3519P	Penny, S. J.	Galaxy And Mass Assembly (GAMA): the bright void galaxy population in the optical and mid-IR	Penny, S. J.; Brown, M. J. I.; Pimblett, K. A.; Cluver, M. E.; Croton, D. J.; Owers, M. S.; Lange, R.; Alpaslan, M.; Baldry, I.; Bland-Hawthorn, J.; Brough, S.; Driver, S. P.; Holwerda, B. W.; Hopkins, A. M.; Jarrett, T. H.; Jones, D. Heath; Kelvin, L. S.; Lara-Lpez, M. A.; Liske, J.; Lpez-Snchez, A. R.; Loveday, J.; Meyer, M.; Norberg, P.; Robotham, A. S. G.; Rodrigues, M.
2015Natur.526.230B	Boccaletti, Anthony	Fast-moving features in the debris disk around AU Microscopii	Boccaletti, Anthony; Thalmann, Christian; Lagrange, Anne-Marie; Janson, Markus; Augereau, Jean-Charles; Schneider, Glenn; Milli, Julien; Grady, Carol; Debes, John; Langlois, Maud; Mouillet, David; Henning, Thomas; Dominik, Carsten; Maire, Anne-Lise; Beuzit, Jean-Luc; Carson, Joseph; Dohlen, Kjetil; Engler, Natalia; Feldt, Markus; Fusco, Thierry; Ginski, Christian; Girard, Julien H.; Hines, Dean; Kasper, Markus; Mawet, Dimitri; Mnard, Franois; Meyer, Michael R.; Moutou, Claire; Olofsson, Johan; Rodigas, Timothy; Sauvage, Jean-Francois; Schlieder, Joshua; Schmid, Hans Martin; Turatto, Massimo; Udry, Stephane; Vakil, Farrokh; Vigan, Arthur; Wahhaj, Zahed; Wisniewski, John
2015MNRAS.454.3938S	Sifn, Cristbal	The masses of satellites in GAMA galaxy groups from 100 square degrees of KIDS weak lensing data	Sifn, Cristbal; Cacciato, Marcello; Hoekstra, Henk; Brouwer, Margot; van Uitert, Edo; Viola, Massimo; Baldry, Ivan; Brough, Sarah; Brown, Michael J. I.; Choi, Ami; Driver, Simon P.; Erben, Thomas; Grado, Aniello; Heymans, Catherine; Hildebrandt, Hendrik; Joachimi, Benjamin; de Jong, Jelte T. A.; Kuijken, Konrad; McFarland, John; Miller, Lance; Nakajima, Reiko; Napolitano, Nicola; Norberg, Peder; Robotham, Aaron S. G.; Schneider, Peter; Kleijn, Gijs Verdoes
2015MNRAS.453.4264M	Moore, T. J. T.	The JCMT Plane Survey: early results from the $\alpha_{\text{J2000}} = 30^\circ$ field	Moore, T. J. T.; Plume, R.; Thompson, M. A.; Parsons, H.; Urquhart, J. S.; Eden, D. J.; Dempsey, J. T.; Morgan, L. K.; Thomas, H. S.; Buckle, J.; Brunt, C. M.; Butner, H.; Carretero, D.; Chrysostomou, A.; deVilliers, H. M.; Fich, M.; Hoare, M. G.; Manser, G.; Mottram, J. C.; Natario, C.; Olguin, F.; Peretto, N.; Polychroni, D.; Redman, R. O.; Rigby, A. J.; Salji, C.; Summers, L. J.; Berry, D.; Currie, M. J.; Jenness, T.; Pestalozzi, M.; Traficante, A.; Bastien, P.; diFrancesco, J.; Davis, C. J.; Evans, A.; Friberg, P.; Fuller, G. A.; Gibb, A. G.; Gibson, S.; Hill, T.; Johnstone, D.; Joncas, G.; Longmore, S. N.; Lumsden, S. L.; Martin, P. G.; Lu'o'ng, Q. Nguyn; Pineda, J. E.; Purcell, C.; Richer, J. S.; Schieven, G. H.; Shipman, R.; Spaans, M.; Taylor, A. R.; Viti, S.; Weferling, B.; White, G. J.; Zhu, M.
2015MNRAS.454.2557M	Mairs, S.	The JCMT Gould Belt Survey: a quantitative comparison between SCUBA-2 data reduction methods	Mairs, S.; Johnstone, D.; Kirk, H.; Graves, S.; Buckle, J.; Beaulieu, S. F.; Berry, D. S.; Broekhoven-Fiene, H.; Currie, M. J.; Fich, M.; Hatchell, J.; Jenness, T.; Mottram, J. C.; Nutter, D.; Pattle, K.; Pineda, J. E.; Salji, C.; Francesco, J. Di; Hogerheljde, M. R.; Ward-Thompson, D.; JCMT Gould Belt survey Team
2015SSRv...193...67K	Kiessling, Alina	Galaxy Alignments: Theory, Modelling & Simulations	Kiessling, Alina; Cacciato, Marcello; Joachimi, Benjamin; Kirk, Donnacha; Kitching, Thomas D.; Leonard, Adrienne; Mandelbaum, Rachel; Schfer, Bjrn Malte; Sifn, Cristbal; Brown, Michael L.; Rassat, Anais
2015Sci...350.1242J	Johnson, Michael D.	Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*	Johnson, Michael D.; Fish, Vincent L.; Doeleman, Sheperd S.; Marrone, Daniel P.; Plambeck, Richard L.; Wardle, John F. C.; Akiyama, Kazunori; Asada, Keiichi; Beaudoin, Christopher; Blackburn, Lindy; Blundell, Ray; Bower, Geoffrey C.; Brinkerink, Christian; Broderick, Avery E.; Cappallo, Roger; Chael, Andrew A.; Crew, Geoffrey B.; Dexter, Jason; Dexter, Matt; Freund, Robert; Friberg, Per; Gold, Roman; Gurwell, Mark A.; Ho, Paul T. P.; Honma, Mareki; Inoue, Makoto; Kosowsky, Michael; Krichbaum, Thomas P.; Lamb, James; Loeb, Abraham; Lu, Ru-Sen; MacMahon, David; McKinney, Jonathan C.; Moran, James M.; Narayan, Ramesh; Primiani, Rurik A.; Psaltis, Dimitrios; Rogers, Alan E. E.; Rosenfeld, Katherine; SooHoo, Jason; Tilanus, Remo P. J.; Titus, Michael; Vertatschitsch, Laura; Weintraub, Jonathan; Wright, Melvyn; Young, Ken H.; Zensus, J. Anton; Ziurys, Lucy M.
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