

# Publications

Michele Perna

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## Publication summary:

- 120 refereed papers on international journals, of which
  - 14 refereed papers as first author
  - 9 refereed papers as second author
  - 10 refereed papers as third author
  - 4 Nature and 6 Nature Astronomy as co-author
- 20 papers in peer-reviewing
- 8 non-refereed publications, including 2 as first author.
- Citations: 9800+, of which 680+ on first author papers
- H-index = 53 (link to [ADS](#))

## Refereed papers:

120. da Silva Ilha G., et al., 2025, A&A, in press, *Connecting outflows with radio emission in AGN at Cosmic Noon*
119. Riffel R. et al., 2025, A&A, 701, 11, *Blowing Star Formation Away in AGN Hosts (BAH) - IV. Serendipitous discovery of a  $z \sim 2.9$  star-forming galaxy lensed by the galactic bulge of CGCG 012-070 using JWST NIRSpec*
118. Scholtz J., D'Eugenio F., Maiolino R., et al., Nature Astronomy, in press, *Net-zero gas inflow: deconstructing the gas consumption history of a massive quiescent galaxy with JWST and ALMA*
117. Marshall M. A., et al., 2025, A&A, in press, *JWST's PEARLS: A  $z=6$  Quasar in a Train-Wreck Galaxy Merger System*
116. Marshall M. A., Yue M., et al., 2024, A&A, in press, *GA-NIFS & EIGER: A merging quasar host at  $z=7$  with an overmassive black hole*
115. D'Eugenio F., Helton J. M., Hainline K., et al., 2025, MNRAS, 542, 960, *JADES and SAPPHIRES: Galaxy Metamorphosis Amidst a Huge, Luminous Emission-line Region*
114. Kakkad D., Mainieri V., Tanaka T. S., et al., 2025, MNRAS, in press, *JWST MIRI/MRS observations of hot molecular gas in an AGN host galaxy at Cosmic Noon*
113. Scholtz J., Maiolino R., D'Eugenio F., et al., 2025, A&A, 697, 175, *JADES: A large population of obscured, narrow line AGN at high redshift*
112. Marconcini C., D'Eugenio F., Maiolino R., et al., 2024, A&A, 699, 154, *GA-NIFS: Dissecting the multiple sub-structures and probing their complex interactions in the Ly $\alpha$  emitter galaxy CR7 at  $z = 6.6$  with JWST/NIRSpec*
111. Zamora S., Venturi G., Carniani S., et al., 2024, A&A, 702, 102, *GA-NIFS: The highly overdense system BR1202-0725 at  $z \sim 4.7$ . A double AGN with fast outflows plus eight companion galaxies*
110. Jones G., Bunker A. J., Telikova K., et al., 2024, MNRAS, 540, 3311, *GA-NIFS: Witnessing the complex assembly of a massive star-forming system at  $z = 5$*
109. Buiten V., van der Werf P., Viti S., et al. 2025, in press, *MICONIC: JWST Unveils Shocked Hot Core Chemistry in the Western Nucleus of Arp 220*
108. Bertola E., Cresci G., Venturi G., et al., 2025, A&A, 699, 220, *GA-NIFS: Mapping  $z \simeq 3.5$  AGN-driven ionized outflows in the COSMOS field*
107. Perez-Gonzalez P., D'Eugenio F., et al., 2025, Nature Astronomy, in press, *Feedback mechanisms stopping the star formation in a pair of massive galaxies in the early Universe*
106. Telikova, K., Gonzalez-Lopez, J., Aravena M., et al., 2025, A&A, 669, 5, *The ALMA-CRISTAL Survey: Complex kinematics of the galaxies at the end of the Reionization Era*
105. Scholtz J., Curti M., D'Eugenio F., et al., 2025, MNRAS, 539, 2463, *GA-NIFS: ISM properties and metal enrichment in a merger-driven starburst during the Epoch of Reionisation probed with JWST and ALMA*

104. D'Eugenio F., Cameron A. J., et al., 2024, *ApJS*, 277, 4, *JADES Data Release 3: NIRSpec/MSA spectroscopy for 4,000 galaxies in the GOODS fields*
103. Maiolino R., Risaliti G., Signorini M., et al., 2025, *MNRAS*, 538, 1921, *JWST meets Chandra: a large population of Compton thick, feedback-free, and X-ray weak AGN, with a sprinkle of SNe*
102. **Perna M.**, Arribas S., Lamperti I., et al., 2025, *A&A*, 696, 59, *High number of dual active galactic nuclei at  $z \sim 3$*
101. Parlanti E., Carniani S., et al., 2025, *A&A*, 695, 6, *GA-NIFS: Multiphase analysis of a star-forming galaxy at  $z \sim 5.5$*
100. **Perna M.**, Arribas S., Ji X., et al., 2025, *A&A*, 694, 170, *GA-NIFS: A galaxy-wide outflow in a Compton-thick mini-BAL quasar at  $z = 3.5$  probed in emission and absorption*
99. Juodzbališ I., Maiolino R., et al., 2024, *Nature*, 636, 594, *A dormant, overmassive black hole in the early Universe*
98. Pereira Santaella M., Gonzalez-Alfonso E., et al., 2024, *A&A*, 689, 12,  *$H_3^+$  absorption and emission in local (U)LIRGs with JWST/NIRSpec: Evidence for high  $H_2$  ionization rates*
97. Lamperti I., Arribas S., **Perna M.**, et al., 2024, *A&A*, 691, 153, *GA-NIFS: JWST/NIRSpec IFS view of the  $z \sim 3.5$  galaxy GS5001 and its close environment at the core of a large-scale overdensity*
96. Ceci M., Cresci G., et al., 2025, *A&A*, 695, 116, *The JWST/NIRSpec view of the nuclear region in the prototypical merging galaxy NGC 6240*
95. Bunker A. J., Cameron A. J., et al., 2024, *A&A*, 690, 288, *JADES NIRSpec Initial Data Release for the Hubble Ultra Deep Field: Redshifts and Line Fluxes of Distant Galaxies from the Deepest JWST Cycle 1 NIRSpec Multi-Object Spectroscopy*
94. Sandles L., D'Eugenio F., Maiolino R., et al., 2024, *A&A*, 691, 305, *JADES: Balmer Decrement Measurements at redshifts  $4 < z < 7$*
93. Scholtz J., Witten C., et al., 2024, *A&A*, 687, 283, *GN-z11: The environment of an AGN at  $z=10.603$*
92. Maiolino R., Scholtz J., et al., 2024, *A&A*, 691, 145, *JADES. The diverse population of infant Black Holes at  $4 < z < 11$ : merging, tiny, poor, but mighty*
91. Musiimenta B., Speranza G., et al., 2024, *A&A*, 687, 111, *Ionised AGN outflows in the Goldfish galaxy: The illuminating and interacting red quasar eFEDSJ091157.4+014327 at  $z \sim 0.6$*
90. Ji X., Übler H., et al., 2024, *MNRAS*, 535, 881, *GA-NIFS: An extremely nitrogen-loud and chemically stratified galaxy at  $z \sim 5.55$*
89. Ulivi L., **Perna M.**, et al., 2024, *A&A*, 693, 36, *JWST/NIRSpec insights into the circumnuclear region of Arp 220: A detailed kinematic study*
88. Juodzbališ I., Ji X., et al., 2024, *MNRAS*, 535, 853, *JADES - The Rosetta Stone of JWST-discovered AGN: deciphering the intriguing nature of early AGN*
87. D'Eugenio F., Perez-Gonzalez P., et al., 2023, *Nature Astronomy*, 8, 1443, *A fast-rotator post-starburst galaxy quenched by supermassive black-hole feedback at  $z=3$*
86. Übler H., D'Eugenio F., **Perna M.**, et al., 2024, *MNRAS*, 533, 4287, *GA-NIFS: NIRSpec reveals evidence for non-circular motions and AGN feedback in GN20*
85. Marconcini C., D'Eugenio F., et al., 2024, *MNRAS*, 533, 2488, *GA-NIFS: the interplay between merger, star formation and chemical enrichment in MACS1149-JD1 at  $z = 9.11$  with JWST/NIRSpec*
84. Bertola E., Circosta C., et al., 2024, *A&A*, 691, 178, *Evidence for negative AGN feedback in uniformly selected and analyzed AGN at cosmic noon*
83. **Perna M.**, Arribas S., et al., 2024, *A&A*, 690, 171, *No evidence of AGN features in the nuclei of Arp 220 from JWST/NIRSpec IFS*
82. Tozzi G., Cresci G., **Perna M.**, et al., 2024, *A&A*, 690, 141, *SUPER VIII. Fast & Furious at  $z \sim 2$ : obscured type-2 active nuclei host faster ionised winds than type-1 systems*
81. Lanzuisi G., Matzeu G., et al., 2024, *A&A*, 689, 247, *The XMM-Newton and NuSTAR view of IRAS F11119+3257. I Detection of multiple UFO components and a very cold corona*
80. Arribas S., **Perna M.**, et al., 2024, *A&A*, 688, 146, *GA-NIFS: The core of an extremely massive proto-cluster at the Epoch of Reionization probed with JWST/NIRSpec*
79. Fahrion K., Böker T., **Perna M.**, et al., 2024, *A&A*, 687, 83, *Growing a nuclear star cluster from star formation and cluster mergers: The JWST NIRSpec view of NGC 4654*
78. Pereira-Santaella M., et al., 2024, *A&A*, 685, 13, *Extended high-ionization Mg iv emission tracing widespread shocks in starbursts seen by NIRSpec*
77. Carniani S., Venturi G., et al., 2023, *A&A*, 685, 99, *JADES: The incidence rate and properties of galactic outflows in low-mass galaxies across  $3 < z < 9$*
76. Übler H., Maiolino R., et al., 2023, *MNRAS*, 531, 355, *GA-NIFS: JWST discovers an offset AGN 740 million years after the Big Bang*
75. Travascio A., et al., *A&A*, 686, 250, *MUSE view of PDS 456: kpc-scale wind, extended ionized gas and close environment*
74. Gianolli V. E., Bianchi S., et al., 2023, *A&A*, 687, 235, *Supermassive Black Hole Winds in X-rays – SUBWAYS. III. A population study on Ultra-Fast Outflows*
73. Looser T.J., D'Eugenio F., et al., 2023, *Nature*, 629, 8010, *A recently quenched galaxy 700 million years after the Big Bang*

72. Baldini P., Lanzuisi G., et al., 2024, A&A, 686, 217, *Winds of change: the nuclear and galaxy-scale outflows and the X-ray variability of 2MASS 0918+2117*
71. Maiolino R., Übler H., **Perna M.**, et al., 2024, A&A, 687, 67, *JWST-JADES. Possible Population III signatures at  $z=10.6$  in the halo of GN-z11*
70. Ulivi L., Venturi G., et al., 2024, A&A, 685, 122, *Feedback and ionized gas outflows in four low-radio power AGN at  $z \sim 0.15$*
69. Maiolino R., Scholtz J., et al., 2024, Nature, 627, 59, *A small and vigorous black hole in the early Universe*
68. Laseter I. H., Maseda M. V., et al., 2023, A&A, 681, 70, *JADES: Detecting [OIII] $\lambda$ 4363 Emitters and Testing Strong Line Calibrations in the High- $z$  Universe with Ultra-deep JWST/NIRSpec Spectroscopy up to  $z \sim 9.5$*
67. Christensen L., Jakobsen P., et al., 2023, A&A, 680, 82, *Metal enrichment and evolution in four  $z > 6.5$  quasar sightlines observed with JWST/NIRSpec*
66. Witstok J., Smit R., et al., 2023, A&A, 682, 122, *Inside the bubble: exploring the environments of reionisation-era Lyman- $\alpha$  emitting galaxies with JADES and FRESCO*
65. Jones G. C., Übler H., **Perna M.**, et al., 2023, A&A, 682, 122, *GA-NIFS: JWST/NIRSpec IFU observations of HFLS3 reveal a dense galaxy group at  $z \sim 6.3$*
64. Carniani S., Venturi G., et al., 2024, A&A, 685, 99, *JADES: The incidence rate and properties of galactic outflows in low-mass galaxies across  $3 < z < 9$*
63. Curti M., Maiolino R., et al., 2023, A&A, 684, 75, *JADES: Insights on the low-mass end of the mass-metallicity-star-formation rate relation at  $3 < z < 10$  from deep JWST/NIRSpec spectroscopy*
62. Parlanti E., Carniani S., et al., 2024, A&A, 684, 24, *GA-NIFS: Early-stage feedback in a heavily obscured AGN at  $z=4.76$*
61. Rodríguez Del Pino, B., **Perna M.**, et al., 2024, A&A, 684, 187, *GA-NIFS: co-evolution within a highly star-forming galaxy group at  $z=3.7$  witnessed by JWST/NIRSpec IFS*
60. **Perna M.**, Arribas S., et al., 2023, A&A, 679, 89, *GA-NIFS: The ultra-dense, interacting environment of a dual AGN at  $z \sim 3.3$  revealed by JWST/NIRSpec IFS*
59. Marshall M., **Perna M.**, et al., 2023, A&A, 678, 191, *Black hole and host galaxy properties of two  $z \approx 6.8$  quasars from the NIRSpec IFU*
58. Saxena, A., Robertson, B.E., et al., 2023, A&A, 678, 68, *JADES: Discovery of extremely high equivalent width Lyman-alpha emission from a faint galaxy within an ionized bubble at  $z=7.3$*
57. Witstok J., Shivaee I., et al., 2023, Nature, 621, 267, *Carbonaceous dust grains within galaxies seen in the first billion years of cosmic time*
56. Übler H., Maiolino R., et al., 2023, A&A, 677, 145, *GA-NIFS: A massive black hole in a low-metallicity AGN at  $z \sim 5.55$  revealed by JWST/NIRSpec IFS*
55. Bunker A. J., Saxena A., et al., 2023, A&A, 677, 88, *JADES NIRSpec Spectroscopy of GN-z11: Lyman- $\alpha$  emission and possible enhanced nitrogen abundance in a  $z=10.60$  luminous galaxy*
54. Sun F., Egami E. et al., 2022, ApJ, 953, 53, *First Sample of H $\alpha$  +[O III] $\lambda$ 5007 Line Emitters at  $z > 6$  through JWST/NIRCam Slitless Spectroscopy: Physical Properties and Line Luminosity Functions*
53. Tacchella S., Johnson B.D., et al., 2023, MNRAS, 522, 6236, *JWST NIRCам+NIRSpec: Interstellar medium and stellar populations of young galaxies with rising star formation and evolving gas reservoirs*
52. Rodríguez Del Pino, B., Arribas S., et al., 2023, A&A, 675, 41, *The impact of environmental effects on active galactic nuclei: A decline in the incidence of ionized outflows*
51. Curtis-Lake E., Carniani S., et al., 2022, Nature Astronomy, 7, 622, *Spectroscopy of four metal-poor galaxies at  $z = 10.3-13.2$*
50. Rigby J., Perrin M., et al., 2023, PASP, 135, 8001, *The Science Performance of JWST as Characterized in Commissioning*
49. Kakkad D., Mainieri V., et al. 2022, MNRAS, 520, 5783, *Morphology and Kinematics of H $\alpha$  emission in AGN host galaxies at Cosmic noon using SINFONI*
48. Cresci G., Tozzi G., **Perna M.**, et al., 2023, A&A, 672, 128, *Bubbles and outflows: the novel JWST/NIRSpec view of the  $z=1.59$  obscured quasar XID2028*
47. Böker T., Beck T.L., et al., 2023, PASP, 135, 8001, *In-orbit Performance of the Near-Infrared Spectrograph NIRSpec on the James Webb Space Telescope*
46. Mehdipour M., Kriss G.A., et al. 2023, A&A, 670, 183, *Supermassive Black Hole Winds in X-rays: SUBWAYS II. HST UV spectroscopy of winds at intermediate redshifts*
45. Matzeu A., Brusa M., et al. 2023, A&A, 670, 182, *Supermassive Black Hole Winds in X-ray: SUBWAYS I. Ultra-fast outflows in QSOs beyond the local Universe*
44. Lamperti I., Pereira Santaella M., **Perna M.**, et al., 2022, A&A, 668, 45, *Physics of ULIRGs with MUSE and ALMA: PUMA IV. No tight relation between cold molecular outflow rates and AGN luminosities*
43. Giménez-Arteaga C., Brammer G. B., et al., 2022, ApJS, 263, 17, *High-resolution Hubble Space Telescope Imaging Survey of Local Star-forming Galaxies. I. Spatially Resolved Obscured Star Formation with H $\alpha$  and Paschen- $\beta$  Recombination Lines*

42. **Perna M.**, Arribas S., et al., 2022, A&A, 662, 94, *Physics of ULIRGs with MUSE and ALMA: The PUMA project. III. Incidence and properties of ionised gas disks in ULIRGs, associated velocity dispersion, and its dependence on starburstiness*
41. Brusa M., Urrutia T., et al., 2022, A&A, 661, 9, *The eROSITA Final Equatorial-Depth Survey (eFEDS): The first archetypal Quasar in the feedback phase discovered by eROSITA*
40. Ciccone C., Mainieri V., et al., 2021, A&A letter, 654, 8, *SUPER VI. A giant molecular halo around a  $z \sim 2$  quasar (SUPER VI)*
39. Lamperti I., Harrison C., et al., 2021, A&A, 654, 90, *SUPER V. ALMA continuum observations of  $z \sim 2$  AGN and the elusive evidence of outflows influencing star-formation*
38. Fluetsch A., Maiolino R., et al., 2021, MNRAS, 505, 5753, *Properties of the multiphase outflows in local (ultra)luminous infrared galaxies*
37. Pereira-Santaella M., Colina L., et al., 2021, A&A, 651, 42, *Physics of ULIRGs with MUSE and ALMA: The PUMA project. II. Are local ULIRGs powered by AGN? The subkiloparsec view of the 220 GHz continuum*
36. Tozzi G., Cresci G., et al., 2021, A&A, 648, 99, *Connecting X-ray nuclear winds with galaxy-scale ionised outflows in two  $z \sim 1.5$  lensed quasars*
35. Venturi G., Cresci G., et al., 2021, A&A, 648, 17, *MAGNUM survey: Compact jets causing large turmoil in galaxies. Enhanced line widths perpendicular to radio jets as tracers of jet-ISM interaction*
34. Puglisi A., Daddi E., et al., 2021, Nature Astronomy, 5, 319, *A titanic interstellar medium ejection from a massive starburst galaxy at redshift 1.4*
33. **Perna M.**, Arribas S., et al., 2021, A&A, 646, 101, *Physics of ULIRGs with MUSE and ALMA: The PUMA project. I. Properties of the survey and first MUSE data results*
32. Circosta C., Mainieri V., et al., 2021, A&A, 646, 96, *SUPER. IV. CO( $J = 3-2$ ) properties of active galactic nucleus hosts at cosmic noon revealed by ALMA*
31. Bischetti M., Feruglio C., et al., 2021, A&A, 645, 33, *The WISSH quasars project. IX. Cold gas content and environment of luminous QSOs at  $z \sim 2.4 - 4.7$*
30. Vietri G., Mainieri V., et al., 2020, A&A, 644, 175, *SUPER. III. Broad line region properties of AGNs at  $z \sim 2$*
29. Marasco A., Cresci G., et al., 2020, A&A, 644, 15, *Galaxy-scale ionised winds driven by ultra-fast outflows in two nearby quasars*
28. **Perna M.**, Arribas S., et al., 2020, A&A, 643, 139, *MUSE view of Arp220: Kpc-scale multi-phase outflow and evidence for positive feedback*
27. Kakkad D., Mainieri V., et al., 2020, A&A, 642, 147, *SUPER. II. Spatially resolved ionised gas kinematics and scaling relations in  $z \sim 2$  AGN host galaxies*
26. Pensabene A., Carniani S., **Perna M.**, et al., 2020, A&A, 637, 84, *The ALMA view of the high-redshift relation between supermassive black holes and their host galaxies*
25. Villar Martin M., **Perna M.**, et al., 2020, A&A, 634, 116, *Peculiar emission line spectra of core extremely red BOSS quasars at  $z \sim 2 - 3$ : orientation and/or evolution?*
24. Rodighiero G., Enia A., et al., 2019, ApJ, 877, 38, *Active Galactic Nuclei in Dusty Starbursts at  $z = 2$ : Feedback Still to Kick in*
23. **Perna M.**, Cresci G., et al., 2019, A&A, 623, 171, *Multi-phase outflows in Mkn 848 observed with SDSS-MaNGA integral field spectroscopy*
22. Mingozzi M., Cresci G., et al., 2019, A&A, 622, 146, *The MAGNUM survey: different gas properties in the outflowing and disc components in nearby active galaxies with MUSE*
21. Circosta C., Mainieri V., et al., 2018, A&A, 620, 82, *SUPER I. Toward an unbiased study of ionized outflows in  $z \sim 2$  active galactic nuclei: survey overview and sample characterization*
20. **Perna M.**, Sargent M., Daddi E., et al., 2018, A&A, 619, 90, *The molecular gas content in obscured AGN at  $z > 1$*
19. Venturi G., Nardini E., et al., 2018, A&A, 619, 90, *MAGNUM survey: A MUSE-Chandra resolved view on ionized outflows and photoionization in the Seyfert galaxy NGC 1365*
18. **Perna M.**, Curti M., Cresci G., et al., 2018, A&A, 618, 36, *LBT/ARGOS adaptive optics observations of  $z \sim 2$  lensed galaxies*
17. Vignali C., Piconcelli E., **Perna M.**, et al., 2018, MNRAS, 447, 780, *Probing black hole accretion in quasar pairs at high redshift*
16. Brusa M., Cresci G., et al., 2018, A&A, 612, 29, *Molecular outflow and feedback in the obscured quasar XID2028 revealed by ALMA*
15. Harrison C., Costa D., et al., 2018, Nature Astronomy, 2, 198, *AGN outflows and feedback twenty years on*
14. **Perna M.**, Lanzuisi G. et al., 2017, A&A, 574A, 82P, *An X-ray/SDSS sample (I): Multi-phase outflow incidence and dependence on AGN luminosity*
13. **Perna M.**, Lanzuisi G. et al., 2017, A&A, 606, 96, *An X-ray/SDSS sample (II): outflowing gas plasma properties*
12. Lanzuisi G., Delvecchio I., et al., 2017, A&A, 602, 123, *AGN vs. host galaxy properties in the COSMOS field*

11. Lanzuisi G., **Perna M.**, et al., 2016, A&A, 590, A72, *NuSTAR reveals the extreme properties of the super-Eddington accreting SMBH in PG 1247+267*
10. Brusa M., **Perna M.**, et al., 2016, A&A, 588A, 58, *A fast ionised wind in a star-forming quasar system at  $z \sim 1.5$  resolved through adaptive optics assisted near-infrared data*
9. Saturni F.G., Trevese D., et al., 2016, A&A, 587, 43, *A multi-epoch spectroscopic study of the BAL quasar APM 08279+5255 II. Emission- and absorption-line variability time lags*
8. **Perna M.**, Brusa M. et al., 2015, A&A, 583, A77, *SINFONI spectra of heavily obscured AGNs in COSMOS: evidence of outflows in a MIR/O target at  $z \sim 2.5$*
7. Lanzuisi G., **Perna M.**, et al., 2015, A&A, 578, 120, *The most obscured AGN in the COSMOS field*
6. Brusa M., Feruglio C., et al., 2015b, A&A, 578, 11, *Evidence for feedback in action from the molecular gas content in the  $z \sim 1.6$  outflowing QSO XID2028*
5. **Perna M.**, Brusa M. et al., 2015, A&A, 574, 82; *Galaxy wide outflows in  $z \sim 1.5$  luminous obscured QSOs revealed through NIR slit-resolved spectroscopy*
4. Brusa M., Bongiorno A., et al., 2015a, MNRAS, 446, 2394, *X-shooter reveals powerful outflows in  $z \sim 1.5$  X-ray selected obscured QSOs*
3. Cresci G., Mainieri V., et al., 2015, ApJ, 799, 81, *Blowin' in the wind: both 'negative' and 'positive' feedback in an obscured high- $z$  QSO*
2. Trevese D., **Perna M.**, et al., 2015, A&A, 795, 164, *CIV and CIII] reverberation mapping of the luminous quasar PG 1247+267*
1. Trevese D., Saturni F.G., et al., 2013, A&A, 557, 91, *A multi-epoch spectroscopic study of the BAL quasar APM 08279+5255. I. C IV absorption variability*

## Submitted to peer-reviewed journals:

20. D'Eugenio F., et al., 2025, submitted, *JADES Dark Horse: demonstrating high-multiplex observations with JWST/NIRSpec dense-shutter spectroscopy in the JADES Origins Field*
19. Scholtz J., et al., 2025, submitted, *JADES Data Release 4 – Paper II: Data reduction, analysis and emission-line fluxes of the complete spectroscopic sample*
18. Juodzbališ I., et al., 2025, submitted, *A direct black hole mass measurement in a Little Red Dot at the Epoch of Reionization*
17. Ulivi L. et al., 2025, A&A, submitted, *Euclid: A machine-learning search for dual and lensed AGN at sub-arcsec separations*
16. Trefoloni B. et al., 2025, A&A, submitted, *GA-NIFS: an extended [OIII] halo around the sub-Eddington quasar J1342+0928 at  $z=7.54$*
15. Jones G. C. et al., 2025, MNRAS, submitted, *BlackTHUNDER: Shedding light on a dormant and extreme little red dot at  $z=8.50$*
14. Nguyen D. D. et al., 2025, AAS Journals, submitted, *Measuring the Central Dark Mass in NGC 4258 with JWST/NIRSpec Stellar Kinematics*
13. Übler H. et al., 2025, MNRAS, submitted, *BlackTHUNDER: evidence for three massive black holes in a  $z \sim 5$  galaxy*
12. Scholtz J. et al., 2025, MNRAS, submitted, *JADES Data Release 4 - Paper II: Data reduction, analysis and emission-line fluxes of the complete spectroscopic sample*
11. C. Woodrum et al., 2025, MNRAS, submitted, *JADES: The Star Formation and Dust Attenuation Properties of Galaxies at  $3 < z < 7$*
10. D'Amato et al., 2025, Nature Astronomy, submitted, *Gravitational lensing reveals Milky Way-like stars in a galaxy core 8 billion years ago*
9. D'Eugenio F., Juodzbališ I., Ji X., et al., 2025, MNRAS, submitted, *JADES and BlackTHUNDER: rest-frame Balmer-line absorption and the local environment in a Little Red Dot at  $z = 5$*
8. Ruffa I. et al., 2025, MNRAS, submitted, *The link between galaxy merger, radio jet expansion and molecular outflow in the ULIRG IRAS 00183-7111*
7. Maiolino R., et al., 2025, MNRAS, submitted, *A black hole in a near-pristine galaxy 700 million years after the Big Bang*
6. Pascalau R., et al., 2025, MNRAS, submitted, *When relics were made: vigorous stellar rotation and low dark matter content in the massive ultra-compact galaxy GS-9209 at  $z=4.66$*
5. Juodzbališ I., et al., 2025, submitted, *JADES: comprehensive census of broad-line AGN from Reionization to Cosmic Noon revealed by JWST*
4. D'Eugenio F., Maiolino R., **Perna M.**, et al., 2025, MNRAS, submitted, *BlackTHUNDER strikes twice: rest-frame Balmer-line absorption and high Eddington accretion rate in a Little Red Dot at  $z = 7.04$*
3. Ji X., Maiolino R., et al., 2025, MNRAS, submitted, *BlackTHUNDER – A non-stellar Balmer break in a black hole-dominated little red dot at  $z=7.04$*
2. Jones G., Bowler R., et al., 2024, MNRAS, submitted, *GA-NIFS: interstellar medium properties and tidal interactions in the evolved massive merging system B14-65666 at  $z = 7.152$*

1. Eisenstein D. J., Willott C., Alberts C., et al., 2023, ApJS, submitted, *Overview of the JWST Advanced Deep Extragalactic Survey (JADES)*

## Non-refereed papers:

1. Thatte N. A., Melotte D., Neichel B., et al. 2024, SPIE, 13096, 14, *HARMONI at ELT: project status and instrument overview*
2. **Perna M.** 2023, IAU proceeding, *The JWST/NIRSpec GTO programme The Physics of Galaxy Assembly: IFS observations of high-z galaxies*
3. Thatte N. A., Melotte D., Neichel B., et al. 2022, SPIE, 12184, 20, *HARMONI at ELT: overview of the capabilities and expected performance of the ELT's first light, adaptive optics assisted integral field spectrograph*
4. Rigby J., Perrin M. et al. 2022, arXiv:2207.05632, *Characterization of JWST science performance from commissioning*
5. Mainieri V., Circosta C., et al., 2021, The Messenger, 182, 45, *SUPER - AGN Feedback at Cosmic Noon*
6. **Perna M.**, Trevese D., et al., 2014, AdSpR, 54, 1429P, *Reverberation time lags in the high luminosity quasar PG 1247+267*
7. Saturni F.G., Trevese D., et al., 2014, AdSpR, 54, 1434, *A multi-epoch study of the C IV absorption variability in the broad absorption line quasar APM 08279+5255*
8. Trevese D., Saturni F.G., et al., 2012, ASPC, 460,1007, *Multi-epoch Observation of CIV Absorption Variability in APM 08279+5255*