Publication list — Jan-Torge Schindler

Summary (as of Jan 23rd 2025)

53 publications since 2015,
with a total of > 2900 citations and an h-index of 29.
(**10 as first author**, 2 as second author lead by an advised student)

A detailed publication list is also available on NASA/ADS.

First author publications in refereed journals

10. **Schindler, Jan-Torge** and Hennawi, Joseph F. and Davies, Frederick B. and Bosman, Sarah E. I. and Endsley, Ryan and Wang, Feige and Yang, Jinyi and Barth, Aaron J. and Eilers, Anna-Christina and Fan, Xiaohui and Kakiichi, Koki and Maseda, Michael and Pizzati, Elia and Nanni, Riccardo. *A Broad-line, Low-luminosity Active Galactic Nucleus at $z = 7.3$ Anchoring a Large Galaxy Overdensity*, Under review at Nature, November 2024
9. **Schindler, Jan-Torge** and Bañados, Eduardo and Connor, Thomas and Decarli, Roberto and Fan, Xiaohui and Farina, Emanuele Paolo and Mazzucchelli, Chiara and Nanni, Riccardo and Rix, Hans-Walter and Stern, Daniel and Venemans, Bram P. and Walter, Fabian. *The Pan-STARRS1 $z > 5.6$ Quasar Survey: III. The $z \approx 6$ Quasar Luminosity Function.* ApJ, 943:67, January 2023
8. **Schindler, Jan-Torge** and Fan, Xiaohui and Novak, Mladen and Venemans, Bram and Walter, Fabian and Wang, Feige and Yang, Jinyi and Yue, Minghao and Bañados, Eduardo and Huang, Yun-Hsin. *A Closer Look at Two of the Most Luminous Quasars in the Universe.* ApJ, 906:12, January 2021.
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6. **Schindler, Jan-Torge** and Fan, Xiaohui and Huang, Yun-Hsin and Yue, Minghao and Yang, Jinyi and Hall, Patrick B. and Wenzl, Lukas and Hughes, Allison and Litke, Katrina C. and Rees, Jon M.. *The Extremely Luminous Quasar Survey in the Pan-STARRS 1 Footprint (PS-ELQS).* ApJS, 243:5, July 2019.
5. **Schindler, Jan-Torge** and Fan, Xiaohui and McGreer, Ian D. and Yang, Jinyi and Wang, Feige and Green, Richard and Fynbo, Johan P. U. and Krogager, Jens-Kristian and Green, Elisabeth M. and Huang, Yun-Hsin and Kadowaki, Jennifer and Patej, Anna and Wu, Ya-Lin and Yue, Minghao. *The Extremely Luminous Quasar Survey in the Sloan Digital Sky Survey Footprint. III. The South Galactic Cap Sample and the Quasar Luminosity Function at Cosmic Noon.* ApJ, 871:258, February 2019.
4. **Schindler, Jan-Torge** and Fan, Xiaohui and McGreer, Ian D. and Yang, Jinyi and Wang, Feige and Green, Richard and Garavito-Camargo, Nicolas and Huang, Yun-Hsin and O'Donnell, Christine and Patej, Anna and Pucha, Ragadeepika and Rees, Jon M. and Spalding, Eckhart. *The Extremely Luminous Quasar Survey in the Sloan Digital Sky Survey Footprint. II. The North Galactic Cap Sample.* ApJ, 863:144, August 2018.
3. **Schindler, Jan-Torge** and Fan, Xiaohui and McGreer, Ian D. and Yang, Qian and Wu, Jin and Jiang, Linhua and Green, Richard. *The Extremely Luminous Quasar Survey in the SDSS Footprint. I. Infrared-based Candidate Selection.* ApJ, 851(1):13, December 2017.
2. **Schindler, Jan-Torge** and Fan, Xiaohui and Duschl, Wolfgang J.. *Stellar and black hole mass densities as empirical tracers of co-evolution show lock-step growth since $z \approx 3$.* ApJ, 826:67, July 2016.
1. **Schindler, Jan-Torge** and Green, Elizabeth M. and Arnett, W. David. *Exploring Stellar Evolution Models of sdb Stars using MESA.* ApJ, 806:178, June 2015

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43. Kang, Yi and Hennawi, Joseph F. and Schindler, Jan-Torge and Tamanas, John and Nanni, Riccardo, *Extreme Deconvolution Reimagined: Conditional Densities via Neural Networks and an Application in Quasar Classification*, arXiv:2412.03029, December 2024

42. Jiang, Danyang and Onoue, Masafusa and Jiang, Linhua and Lai, Samuel and Bañados, Eduardo and Becker, George D. and Bischetti, Manuela and Bosman, Sarah E. I. and Davies, Rebecca L. and D'Odorico, Valentina and Farina, Emanuele Paolo and Haehnelt, Martin G. and Mazzucchelli, Chiara and **Schindler, Jan-Torge** and Walter, Fabian and Zhu, Yongda, *No Redshift Evolution in the Fe II/Mg II Flux Ratios of Quasars across Cosmic Time*, ApJ, 975, 214, November 2024
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40. Pizzati, Elia and Hennawi, Joseph F. and Schaye, Joop and Eilers, Anna-Christina and Huang, Jiamu and **Schindler, Jan-Torge** and Wang, Feige, *"Little Red Dots" cannot reside in the same dark matter halos as comparably luminous unobscured quasars*, arXiv:2409.18208, September 2024
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36. Euclid Collaboration (incl.**Schindler, Jan-Torge)**, *Euclid. I. Overview of the Euclid mission*, arXiv:2405.13491, May 2024
35. Loiacono, Federica and Decarli, Roberto and Mignoli, Marco and Farina, Emanuele Paolo and Bañados, Eduardo and Bosman, Sarah and Eilers, Anna-Christina and **Schindler, Jan-Torge** and Strauss, Michael A. and Vestergaard, Marianne and Wang, Feige and Blecha, Laura and Carilli, Chris L. and Comastri, Andrea and Connor, Thomas and Costa, Tiago and Dotti, Massimo and Fan, Xiaohui and Gilli, Roberto and Jun, Hyunsung D. and Liu, Weizhe and Lupi, Alessandro and Marshall, Madeline A. and Mazzucchelli, Chiara and Meyer, Romain A. and Neeleman, Marcel and Overzier, Roderik and Pensabene, Antonio and Riechers, Dominik A. and Trakhtenbrot, Benny and Trebitsch, Maxime and Venemans, Bram and Walter, Fabian and Yang, Jinyi, *A quasar-galaxy merger at $z \sim 6.2$: black hole mass and quasar properties from the NIRSpec spectrum*, A&A, 685, 121L, May 2024
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22. Riccardo Nanni, Joseph F. Hennawi, Feige Wang, Jinyi Yang, **Jan-Torge Schindler**, and Xiaohui Fan. *Paving the Way for Euclid and JWST via Optimal Selection of High-z Quasars.* MNRAS, 515:3224, September 2022
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