

Publications 2022-2026

Articles in scientific journals and book chapters (*h*-index: 25)

- Ertl, A., Hughes, J.M., Prowatke, S., Ludwig, T., Lengauer, C.L., Meyer, H.-P., Giester, G., Kolitsch, U. & Prayer, A. (2022): Alumino-oxy-rossmanite from pegmatites in Variscan metamorphic rocks from Eibenstein an der Thaya, Lower Austria, Austria: a new tourmaline that represents the most Al-rich end-member composition. *American Mineralogist*, 106, 157–166.
- Pieczka, A., Golebiowska, B., Stachowicz, M., Nejbort, K., Kotowski, J., Jelen, P., Ertl, A. & Wozniak, K. (2022): Estimation of Li and OH contents in (Li,Al)-bearing tourmalines from Raman spectra. *Mineralogy and Petrology*, 116, 229–249.
- Ganwa, A.A., Klötzli, U., Tchakounté, N.J., Kloetzli-Chowanetz, E., Ertl, A. & Djom, B. (2022): Structural and chemical characteristic of tourmaline, and mineralogy of associated micas from tourmaline-bearing quartzite of Kombé II (Bafia Group, Central Africa Fold Belt); Implication on the metamorphic conditions. *International Journal of Geosciences*, 13, 882–904.
- Ertl, A. (2023): Are the [6]-coordinated sites in tourmaline in certain cases partially vacant? *Mineralogy and Petrology*. 117, 201–207.
- Kohn, V., Alifirova, T., Daneu, N., Griffiths, T., Libowitzky, E., Linner, M., Ertl, A., Abart, R. & Habler, G. (2024): Directed growth of a sector-zoned garnet in a pegmatoid from the Bohemian Massif, Austria. *Lithos*. 466–467.

Abstracts – Contributions at scientific congresses

- Ertl, A. & Bačík, P. (2022): Mg-bearing (U)HP tourmaline with a symmetry deviation from the trigonal crystal system. Book of Abstracts, IMA 2022, 23rd General Meeting of the International Mineralogical Association, Lyon, Frankreich, July 18–22, IMA2022-1301.
- Ertl, A., Pezzotta, F., Meyer, H.-P., Ludwig, T., Giester, G. & Libowitzky, E. (2023): Fluorine- and Li-enrichment in the late-stage fluids in a tourmaline-bearing LCT-pegmatite from Fonte del Prete, San Piero in Campo, Elba Island (Italy). Abstracts, EMPG 2023, XVIII International Symposium on Experimental Mineralogy, Petrology and Geochemistry, Department of Earth Sciences "Ardito Desio", University of Milan, Milan, Italy, June 12–15, 41-42.
- Ertl, A. (2023): The incorporation of Li in the tourmaline structure. Program, MinWien2023, Geocenter, University of Vienna, Vienna, Austria, September 17–21.
- Ertl, A. (2023): Tourmalines from Erzgebirge, Germany: schorl and fluor-schorl from the type localities and oxy-schorl from diamond-bearing rocks. Program and Abstracts, 43rd New Mexico Mineral Symposium, November 10–12, New Mexico Institute of Mining and Technology, Socorro, New Mexico, USA.
- Ertl, A. & Bačík, P. (2024): On the limitation of Li in tourmalines with Na and vacancies at the *X* site. Abstracts, 4th European Mineralogical Conference (EMC 2024), Arts Building, Trinity College Dublin, Dublin, Ireland, Aug. 18–23 (in press).
- Bačík, P. & Ertl, A. (2024): Bond-valence constraints for tourmalines with Li and various *X*-site occupancy. Abstracts, 4th European Mineralogical Conference (EMC 2024), Arts Building, Trinity College Dublin, Dublin, Ireland, Aug. 18–23 (in press).

Invited talks, oral & poster presentations

- 2022, 20. July; Poster presentation at the **Cité Centre de Congrès, Lyon, France**, Exhibition Hall (poster session P3, Poster Break 3 3:30 – 4:30 pm), for **IMA 2022, 23rd General Meeting of the International Mineralogical Association** (18th – 22nd July 2022) about “*Mg-bearing (U)HP tourmaline with a symmetry deviation from the trigonal crystal system*” (Ertl & Bačík).
- 2023, 14. June; Lecture (in English) at the **University of Milan, Milan, Italy**, Department of Earth Sciences "Ardito Desio", Lecture Hall (11:30 am) for **EMPG 2023, XVIII International Symposium on Experimental Mineralogy, Petrology and Geochemistry** (12th – 15th June 2023) about “*Fluorine- and Li-enrichment in the late-stage fluids in a tourmaline-bearing LCT-pegmatite from Fonte del Prete, San Piero in Campo, Elba Island (Italy)*” (Ertl, Pezzotta, Meyer, Ludwig, Giester & Libowitzky).
- 2023, 21. Sept.; Lecture (in English) at the **University of Vienna, Vienna, Austria**, Geocenter, Lecture Room 3 (12:00 pm) for **MinWien2023** (17th – 21st Sept. 2023) about “*The incorporation of Li in the tourmaline structure*”.
- 2023, 12. Nov.; Invited talk (in English) at the **New Mexico Institute of Mining and Technology, Socorro, New Mexico, USA**, Macey Center (9:00 am) for **43rd New Mexico Mineral Symposium** (10th – 12th Nov. 2023) about “*Tourmalines from Erzgebirge, Germany: schorl and fluor-schorl from the type localities and oxy-schorl from diamond-bearing rocks*”.