

## Elenco delle pubblicazioni – Luca Bindi

su riviste internazionali:

1. **L. Bindi**, D. Cellai, L. Melluso, S. Conticelli, V. Morra, S. Menchetti (1999) Crystal chemistry of clinopyroxene from alkaline undersaturated rocks of the Monte Vulture Volcano, Italy. *Lithos*, 46, 259-274.
2. P. Bonazzi, **L. Bindi** (1999) Structural adjustments induced by heat treatment in ilvaite. *American Mineralogist*, 84, 1604-1612.
3. F. Olmi, C. Viti, **L. Bindi**, P. Bonazzi, S. Menchetti (2000) Second occurrence of okayamalite,  $\text{Ca}_2\text{SiB}_2\text{O}_7$ : chemical and TEM characterization. *American Mineralogist*, 85, 1508-1511.
4. G. Giuli, **L. Bindi**, P. Bonazzi (2000) Rietveld refinement of okayamalite,  $\text{Ca}_2\text{SiB}_2\text{O}_7$ : structural evidence for the B/Si ordered distribution. *American Mineralogist*, 85, 1512-1515.
5. **L. Bindi**, P. Bonazzi, J.G. Fitton (2001) Crystal chemistry of strontian soda melilite from nephelinite lava of Mt Etinde, Cameroon. *European Journal of Mineralogy*, 13, 121-125.
6. **L. Bindi**, M. Czank, F. Röthlisberger, P. Bonazzi (2001) Hardystonite from Franklin Furnace: a natural modulated melilite. *American Mineralogist*, 86, 747-751.
7. P. Bonazzi, **L. Bindi**, F. Olmi (2001). Reflectance variations in heat-treated ilvaite. *Mineralogy and Petrology*, 72, 249-257.
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9. P. Bonazzi, **L. Bindi** (2002) Structural properties and heat-induced oxidation-dehydrogenation of manganoan ilvaite from Perda Niedda mine, Sardinia, Italy. *American Mineralogist*, 87, 845-852.
10. S. Menchetti, **L. Bindi**, P. Bonazzi, F. Olmi (2002) Disordered distribution of Cu in the crystal structure of leightonite,  $\text{K}_2\text{Ca}_2\text{Cu}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$ . *American Mineralogist*, 87, 721-725.
11. **L. Bindi**, O.G. Safonov, Y.A. Litvin, L.L. Perchuk, S. Menchetti (2002) Ultrahigh potassium content in the clinopyroxene structure: an X-ray single-crystal study. *European Journal of Mineralogy*, 14, 929-934.
12. **L. Bindi**, F. Tasselli, F. Olmi, A. Peccerillo, S. Menchetti (2002) Crystal chemistry of clinopyroxenes from Linosa Volcano, Sicily Channel, Italy: implications for modelling magmatic plumbing system. *Mineralogical Magazine*, 66, 953-968.
13. P. Bonazzi, **L. Bindi**, F. Olmi, S. Menchetti (2003) How many alacranites do exist? A structural study of non-stoichiometric  $\text{As}_8\text{S}_{9-x}$  crystals. *European Journal of Mineralogy*, 15, 283-288.
14. P. Bonazzi, **L. Bindi**, G. Parodi (2003) Gatelite-(Ce), a new REE-bearing mineral from Trimouns, French Pyrenees: crystal structure and polysomatic relationships with epidote and tornebohmite-(Ce). *American Mineralogist*, 88, 223-228.
15. **L. Bindi**, L.H. Rees, P. Bonazzi (2003) Twinning in natural melilites simulating a five-fold superstructure. *Acta Crystallographica*, B59, 156-158.
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19. P. Bonazzi, **L. Bindi**, V.I. Popova, G. Pratesi, S. Menchetti (2003) Alacranite,  $\text{As}_8\text{S}_9$ : structural study of the holotype and re-assignment of the original chemical formula. *American Mineralogist*, 88, 1796-1800.
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25. **L. Bindi**, C. Cipriani (2004) Museumite,  $\text{Pb}_5\text{AuSbTe}_2\text{S}_{12}$ , a new mineral from the gold-telluride deposit of Sacarîmb, Metaliferi Mountains, western Romania. *European Journal of Mineralogy*, 16, 835-838.
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