

REFEREED JOURNAL PUBLICATIONS

1. Burns, P.C & **Li, Y.** (2002): The structures of becquerelite and Sr-exchanged becquerelite. *American Mineralogist* 87, 550-557.
2. Glatz, R.E., **Li, Y.**, Hughes, K.A., Cahill, C.L. & Burns, P.C. (2002): Synthesis and structure of a new Ca uranyl oxide hydrate, $\text{Ca}[(\text{UO}_2)_4\text{O}_3(\text{OH})_4](\text{H}_2\text{O})_2$, and its relationship to becquerelite. *Canadian Mineralogist* 40, 217-224.
3. **Li, Y.** & Burns, P.C. (2002): New structural arrangements in three Ca uranyl carbonate compounds with multiple anionic species. *Journal of Solid State Chemistry* 166, 219-228.
4. **Li, Y.**, Krivovichev, S.V. & Burns, P.C. (2001): The crystal structure of $\text{Na}_4(\text{UO}_2)(\text{CO}_3)_3$ and its relationship to schröckingerite. *Mineralogical Magazine* 65, 297-304.
5. **Li, Y.**, Krivovichev, S.V. & Burns, P.C. (2001): Crystal chemistry of lead oxide hydroxide nitrates. II. The crystal structure of $\text{Pb}_{13}\text{O}_8(\text{OH})_6(\text{NO}_3)_4$. *Journal of Solid State Chemistry* 158, 74-77.
6. Krivovichev, S.V., **Li, Y.** & Burns, P.C. (2001): Crystal chemistry of lead oxide hydroxide nitrates. III. The crystal structure of $\text{Pb}_3\text{O}_2(\text{OH})(\text{NO}_3)$. *Journal of Solid State Chemistry* 158, 78-81.
7. Ghosh, S., Shang, M., **Li, Y.** & Fehlner, T.P. (2001): Synthesis of $[(\text{Cp}^*\text{Re})_2\text{B}_n\text{H}_n]$, $n = 8 - 10$: Metal boride particles that stretch the cluster structure paradigms. *Angew. Chem. Int. Ed.* 40, 1125-1128.
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9. **Li, Y.**, Cahill, C. L. & Burns, P.C. (2001): Synthesis, structural characterization and topological rearrangement of a novel open framework U-O materials: $(\text{NH}_4)_3(\text{H}_2\text{O})_2\{[(\text{UO}_2)_{10}\text{O}_{10}(\text{OH})][(\text{UO}_4)(\text{H}_2\text{O})_2]\}$. *Chemistry of Materials* 13, 4026-4031.
10. **Li, Y.** & Burns, P.C. (2001): The structures of two sodium uranyl compounds relevant to nuclear waste disposal. *Journal of Nuclear Materials* 299, 219-226.
11. **Li, Y.**, Burns, P.C. & Gault, R.A. (2000): A new rare-earth element uranyl carbonate sheet in the structure of bijvoetite-(Y). *Canadian Mineralogist* 38, 153-162.
12. **Li, Y.**, Krivovichev, S.V. & Burns, P.C. (2000): Crystal chemistry of lead oxide hydroxide nitrates. I. The crystal structure of $[\text{Pb}_6\text{O}_4](\text{OH})(\text{CO}_3)(\text{NO}_3)$. *Journal of Solid State Chemistry* 153, 365-370.

13. **Li, Y.** & Burns, P.C. (2000): Refinement of the structure of bandylite. *Canadian Mineralogist* 38, 713-715.
14. **Li, Y.** & Burns, P.C. (2000): Investigation of crystal-chemical variability in lead uranyl oxide hydrates. I. curite. *Canadian Mineralogist* 38, 727-735.
15. **Li, Y.** & Burns, P.C. (2000): Investigation of crystal-chemical variability in lead uranyl oxide hydrates. II. fourmarierite. *Canadian Mineralogist* 38, 737-749.
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17. **Li, Y.** & Burns, P.C. (2000): Synthesis and crystal structure of a new lead uranyl oxide hydrate with a framework structure that contains channels. *Canadian Mineralogist* 38, 1433-1441.