PUBLICATION LIST
Christopher L. Cahill

Department of Chemistry
The George Washington University
725 21st Street, N.W.
Washington, DC 20052
Phone: (202)994-6959 Fax: (202)994-5873
cahill@gwu.edu

PUBLICATIONS (PEER REVIEWED)


europium/terbium-adipate framework and a terbium-adipate framework.” Inorganic Chemistry, 46, 3960-3965.


36. Krivovichev, S. V.; Cahill, C. L.; Nazarchuck, E. V.; Burns, P. C.; Armbruster, T.; Depmeier, W. (2005) "Chiral open-framework uranyl molybdates. 1. Topological diversity: synthesis and crystal structure of [(C\textsubscript{2}H\textsubscript{4})NH\textsubscript{2}]\textsubscript{3}[(UO\textsubscript{2})\textsubscript{2}(MoO\textsubscript{4})\textsubscript{5}(H\textsubscript{2}O)]\textsubscript{9}H\textsubscript{2}O" Microporous Mesoporous Mat., 78, 209-215.


32. P.R. Bartholemew, F. Mancini, C.L. Cahill and G.E. Harlow (2005) Zoltaiite, Ba\textsubscript{1.05}V\textsubscript{11.75}Ti\textsubscript{1.31}Fe\textsubscript{0.49}Cr\textsubscript{0.34}Mg\textsubscript{0.03}Al\textsubscript{0.02}Si\textsubscript{2.06}O\textsubscript{27}, A New Barium-Vanadium Orthosilicate Mineral from British Columbia: Description and Crystal structure. American Mineralogist, 90, 1655-1660.


28. L.A. Borkowski and C.L. Cahill (2003) Topological evolution in U-dicarboxylates: Synthesis and structures of UO\textsubscript{2}(C\textsubscript{6}H\textsubscript{8}O\textsubscript{4})\textsubscript{2}H\textsubscript{2}O and UO\textsubscript{2}(C\textsubscript{6}H\textsubscript{8}O\textsubscript{4}). Inorganic Chemistry, 42, 7041-7045.


4-hydroxybenzoate. *Main Group Metal Chemistry*, 25, 703-704.


21. F. Mancini, G. E. Harlow and C. L Cahill (2002) The crystal structure and cation ordering of Phase-X-(K$_{1-x}$)$[$(Mg$_{1-a}$(Al, Cr)$_a$)$_2$Si$_2$O$_7$(H$_2$O)$_2$]; A potential K- and H- bearing phase in the mantle. *American Mineralogist*, 87(2-3), 302-306.


17. F. Mancini, G. E. Harlow and C. L Cahill (2001) Crystal structure of potassium magnesio-disilicate hydroxide, (K$_{0.65}$)$_2$[(Mg$_{0.95}$Al$_{0.03}$Cr$_{0.02}$)$_2$Si$_2$O$_6$.40(OH)$_{0.60}$, Zeitsch. fur Krist., NCS 216, 189-190.


8. Tripathi, A.; Young, V. J.; Johnson, G. M.; Cahill, C. L.; and Parise, J. B. (1999) [N(CH$_3$)$_4$]$_4$Ge$_5$O$_{26}$H$_{12}$14H$_2$O; Acta Cryst., C55, 496-499.


**PUBLICATIONS (NOT PEER REVIEWED)**


**BOOK CHAPTERS AND REVIEW ARTICLES**


**BOOK AND SOFTWARE REVIEWS**


INVITED CONFERENCE TALKS:


C. L. Cahill, D. de Lill, and A. de Bettencourt-Dias, Abstracts, 35th Northeast Regional Meeting of the American Chemical Society, Binghamton, NY, United States, October 5-7, 2006, NRM.

C. L. Cahill, L. Borkowski, and M. Frisch, Abstracts, 35th Northeast Regional Meeting of the American Chemical Society, Binghamton, NY, United States, October 5-7, 2006, NRM.


REFEREEED CONFERENCE PROCEEDINGS


synchrotron X-ray diffraction and Rietveld refinement, *Proceedings of the 12th International Zeolite Conference*, Baltimore, MD USA.


**GENERAL PRESENTATIONS (excluding student presentations and interviews)**

Over 80 since 2000. Dates and locations available upon request.