

Selection of articles relevant to the ThUL-School 2006

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2. Denecke M.A.- *Actinide speciation using X-ray absorption fine structure spectroscopy.*- In: Coord. Chem. Rev., 250(2006), p. 730-754
<http://dx.doi.org/10.1016/j.ccr.2005.09.004>
3. Lever A.B.P. [edit.].- *Actinide Chemistry*- Vol. 250: Amsterdam: Elsevier, 2006.
4. Kaltsoyannis N., Hay P. J., Li J., Blauddau J. P., Bursten B. E..- *Theoretical studies of the electronic structure of compounds of the actinide elements*- In: The chemistry of the actinide and transactinide elements / Katz J.J. [edit.] e.a., Berlin, Springer-Verlag, 2006, chapter 17
5. Katz J.J. [edit.], Morss L.R. [edit.], Fuger J. [edit.], Edelstein N.M. [edit.].- *The chemistry of the actinide and transactinide elements*- 3rd ed. - Berlin: Springer-Verlag, 2006.- 3631p.- ISBN 1-4020-3555-1
6. Szabó Z., Toraiishi T., Vallet V., Grenthe I.- *Solution coordination chemistry of actinides; thermodynamics, structure and reaction mechanisms*- In: Coord. Chem. Rev., 250:7-8(2006), p. 784-815
<http://dx.doi.org/10.1016/j.ccr.2005.10.005>
7. Vallet V., Macak P., Wahlgren U., Grenthe I..- *Actinide chemistry in solution, quantum chemical methods and models*- In: Theor. Chem. Acc., 115(2006), p. 145–160
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9. Vallet V., Szabó Z., Grenthe I..- *Experimental and quantum chemical studies of structure and reaction mechanisms of dioxouranium(VI) complexes in solution*- In: Dalton Trans., 2004, p. 3799–3807
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10. Den Auwer C., Simoni E., Conradson S. D., Madic C.- *Investigating actinyl oxo cations by X-ray absorption spectroscopy*- In: Eur. J. Inorg. Chem., 2003, p. 3843-3859
<http://dx.doi.org/10.1002/ejic.200300093>
11. Kaltsoyannis N.- *Recent developments in computational actinide chemistry*- In: Chem. Soc. Rev., 32(2003), p. 9-16
<http://dx.doi.org/10.1039/b204253n>
12. Denning R. G., Green J. C., Hutchings T. E., Dallera C., Tagliaferri A., Giarda K., Brookes N. B., Braicovich L.- *Covalency in the uranyl ion: a polarized x-ray spectroscopic study*- In: J. Chem. Phys., 117(2002), p. 8008-8020
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13. Matsika S., Zhang Z., Brozell S. R., Blauddau J.-P., Wang Q., Pitzer R. M.- *Electronic structure and spectra of actinyl ions*- In: J. Phys. Chem. A, 105(2001), p. 3825-3838
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15. Denning R. G., Norris J. O. W., Brown D.- *The electronic structure of actinyl ions V. f-f transitions in $[\text{NpO}_2\text{Cl}_4]^{2-}$ and $[\text{NpO}_2(\text{NO}_3)_3]^-$* - In: Mol. Phys., 46:2(1982), p. 287-323
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