

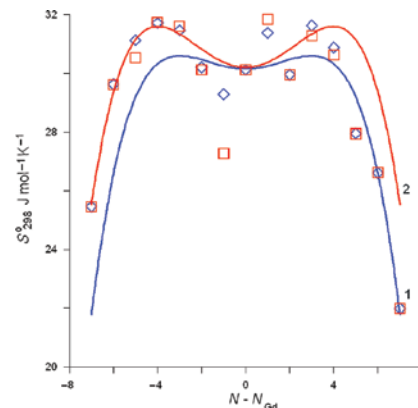
In this issue

Valery P. Vassiliev, Valery A. Lysenko and Marcelle Gaune-Escard
Relationship of thermodynamic data with Periodic Law

<https://doi.org/10.1515/pac-2018-0717>
 Pure Appl. Chem. 2019; 91(6): 879–893

Conference paper: Experimental points and calculated curves of the standard entropies at 298 K for the cubic (1) and hexagonal (2) forms of solid lanthanide oxides ($Ln_{0.4}O_{0.6}$); N is the atomic number of a lanthanide.

Keywords: actinides; compounds; entropy; HTMC-XVI; lanthanides; tetrad-effect; thermodynamic properties.



Meltem Akkulak, Yasemin Kaptan, Yasar Andelib Aydin and Yuksel Avcibasi Guvenilir
Lipase mediated synthesis of polycaprolactone and its silica nanohybrid

<https://doi.org/10.1515/pac-2018-1011>
 Pure Appl. Chem. 2019; 91(6): 957–965

Conference paper: A catalytic system comprising of CALB immobilized upon 3-GPTMS modified rice husk ash was developed and used effectively for the synthesis of PCL/silica nanohybrid.

Keywords: *Candida antarctica* lipase B; 3-glycidyloxypropyl trimethoxysilane; rice husk ash; POC-17; polycaprolactone.

