2015


2014


Armentrout, P. B., Yang, B., Rodgers, M.T. (2014). "Metal Cation Dependence of Interactions with Amino Acids: Bond Dissociation Energies of Rb+ and Cs+ to the Acidic Amino Acids and Their Amide


On the absence of intrahelical DNA dynamics on...
the μs to ms timescale. Nature Commun 5: 5152.


conditions and implications for the roles of intense convection and moisture conditions." Wea. Forecasting 29: 1402 - 1424.


Pu, Z., et al. (2014). Evaluation of the real-time WRF forecasts during the Mountain Terrain Atmospheric Modeling and Observations (MATERHORN) Program: Performance, comparison with observations, and further implications. 8th Joint Conference on the Applications of Air Pollution Meteorology with the A&WMA, 94th AMS annual meeting. Atlanta, GA.


Smith, K. (2014). Assessing the ability of CMIP5 models to capture connections between Great Basin precipitation and Pacific Ocean modes of variability and applying the assessment into the future. Master's degree, University of Utah.


Wallace, J. (2014). Lyman-alpha Emission as a Probe of galaxy Environments. BS (honor thesis), University


2013


Mutinuclear Platinum Metallacycles with Different Conformational Geometries." J Am Chem Soc
135: 6694 - 6702.
Crosman, E. T., N.P. Lareau, Horel, J.D. (2013). Large-Eddy Simulations of Cold Air Pools in Utah’s Salt Lake
Valley. Western Air Western Air Quality Modeling Workshop – Technical Methods and Applications.
Boulder, CO.
Davis, K., Price, R.C., Facelli, J.C. (2013). Implementing public health analytical services: Grid enabling of
MetaMap. 26th IEEE International Symposium on Computer-Based Medical Systems.
Faber, S., Bartholomew, K., Li, X., Paez, A., Nurul Habib, K.M. (2013). Social Equity in Distance Based Transit
Fares. GIS in Transit Conference. Washington, D.C.
Farber, S., Bratholomew, K., Li, X., Paez, A., Nural Habib, K.M. (2013). "Social Equity in Distance Based
Transit Fares." Transportation Research Board.
Enzymatic, spectrosopic and Computational Data to Assign the Absolute Configuration of the DNA
Galindo-Murillo, R. B., C; Cheatham, TE (2013). "Molecular modeling of nucleic acid structure." Current
lithium-silicon clusters." Computational and Theoretical Chemistry 1024: 61 - 68.
FDA Workshop. American Society of Nephrology.
the Violence of Reaction of an Explosive Device. XSEDE 2013, ACM.
URSI National Radio Science Meeting, Boulder, CO.
Optics 52(22): 5420 - 5425.
Henriksen, N. R., DR; Cheatham, TE (2013). "Reliable oligonucleotide conformational ensemble generation
in explicit solvent for force field assessment using reservoir replica exchange molecular dynamics
Os+ (6D) with O2: Adiabatic and Nonadiabatic Behavior." Int. J. Mass Spectrom. (Memorial Issue
for Detlef Schröder) 354 - 355: 87 - 98.
of Utah.
Jensen, K. J. T., M.S.; Rost, S. (2013). "SPdKS analysis of ultralow-velocity zones beneath the western
Kamojjala, K., Brannon, R. (2013). "Data relocalization to mitigate slow convergence caused by
under-resolved stress fields in computational damage mechanics." J Eur Ceram Soc 34(11): 2723 -
2730.


Li, W.-L. I., AS; Federic, J; Romanexcu, C; Cernusak, I; Boldyrev, AI; Wang, L-S (2013). "On the way to the highest coordination number in the planar metal-centred aromatic Ta©B10- cluster: Evolution of the Structures of TaBn- (n=3-8)." J Chem Physics 345-347: 109 - 119.


Price, M. O., A; Thangaraj, R; Raeymaekers, B (2013). Delamination of ultra-thin diamond-like carbon coatings on magnetic recording heads under normal loading. 23rd ASME Annual Conference on Information Storage and Process Systems, Santa Clara University, CA, USA.


Stadbauer, P. K., M; Cheatham, TE; Koca, J; Sponer, J (2013). "Structural dynamics of possible late-stage
intermediates in folding quadruplex DNA studied by molecular simulations." Nuc. Acids Res. 41: 7128 - 7143.


2012


Baron, R., Vellore NA (2012). "LSD1/CoREST is an allosteric nanoscale clamp regulated by H3-histone-tail molecular recognition." PANS.


Dixon, A. M., GD; Bruno, B J; Constance, J E; Woessner, DW; Fidler, TP; Robertson, J C; Cheatham, TE; Lim, CS (2012). "Improved coiled-coil design enhances interaction with Bcr-Abl and induces apoptosis." Mol. Pharm 9: 187 - 195.


Greene, T. (2012). GFR Decline as an Endpoint for Clinical Trials in CKD. Workshop sponsored by the National Kidney Foundation (NKF) and Food and Drug Administration (FDA). Bethesda, MD.


Kim, Y. (2012). High-resolution regional climate simulations over mountainous terrain. MS, University of Utah.


Krepl, M., Zgarbova, M., Stadlbauer, P., Otyepka, M., Banas, P., Koca, J., Cheatham, T.E., Jurecka, P., Sponer, J. (2012). "Reference simulations of noncanonical nucleic acids with different chi variants of
the AMBER force field: Quadruplex DNA, quadruplex RNA, and Z-DNA. J. Chem. Theory Comp. 8: 2506-2520.


Strong, C., Rassmussen, R., Ikeda, K. (2012). Dynamical downscaling of historical and projected winter precipitation along the Wasatch Range for the CI-WATER project. NCAR Orographic Precipitation Workshop, Boulder, CO.


2011


Jacobson, L. C., Matsumoto, M., Molinero, V. (2011). "Order parameters for the multistep crystallization of


Optical Isomerism in B4H5 and B4H5." Chem. Phys. Lett. ASAP ((DOI: 10.1016/j.cplett.2011.10.009)).


2010


Patterson, O., Igo, S., Hurdle, J.F. (2010). Automatic Acquisition of Sublanguage Semantic Schema:


Smith, C. R., et al. (2010) "Draft genome of the globally widespread and invasive Argentine ant (Linepithema humile)." PNAS.


2009


Endo, M., Cuma, M., and Zhdanov, M. S. (2009). "Large-Scale Electromagnetic Modeling for Multiple


GeV electron beam." Astroparticle Physics 29: 77 - 86.


Reichler, T., Kim, A. (2008). How well do coupled models simulate present-day climate? Atmospheric Physics Laboratory, Department of Physics, Universidad Mayor de San Andres, La Paz, Bolivia.


2007


2006


2005


2004


Clawson, J., Anderson, K., Pugmire, R., Grant D. (2004). "^{15}N NMR Chemical Shift Tensors of Substituted


2003


Kinetics of the Decomposition of Gas phase HMX

2002


2001


2000


1999


1997


1996


1995


1994


1993

1992