

Publications

Chemical Education:

1. Lowe, J Canal, JP. "6 Polymers, plastics, & moreeducating postsecondary students from different disciplines with polymer science" in Chemical Science in the Focus, Volume 2:

11. Canal, J. P., Lavieri, S. "SIA@SFU (Science in Action at Simon Fraser University)" in Chemistry Education in the ICT Age, Gupta Bhowon et al. (Eds), New York, Springer, p. 115-118, (2009) https://doi.org/10.1007/978-402097324_13
12. Canal, J. P., Jalali, H., Hanlan, L. "The Use of Writing as a Communication and Learning Tool in an Inorganic Chemistry Laboratory Course" in Chemistry Education in the ICT Age, Gupta Bhowon et al. (Eds), New York, Springer, p.153-160, (2009) https://doi.org/10.1007/978-402097324_17
13. Canal, J. P., Ramnial, T., Clyburne, J. A. C. "A Carbene Transfer Agent" in Experiments in Green and Sustainable Chemistry, H. W. Roesky, D. Kennepohl (Eds), Germany, Wiley VCH, p. 251, (2009)
14. Canal, J. P. "Alkaline Earth Metals: Preparation and analysis of Group 2 Metal Oxalate Hydrates: A Versatile Teaching Tool" The Chemical Educator. 14: 26, (2009) <http://chemeducator.org/bibs/0014001/14090026jc.htm>
15. Canal, J. P., Ramnial, T., Langlois, L. D., Abernethy, C. D., Clyburne, J. A. C. "A Three Step Laboratory Sequence to Prepare a Carbene Complex of Silver(I) Chloride." Journal of Chemical Education. 85: 419, (2008) <https://doi.org/10.1021/ed085p416>

Chemistry Research:

1. Canal, John P., Bengali, Ashfaq A., Jennings, Michael C., Pomeroy, Roland K. "The Extraordinary Fluxionality of $\text{Ru}_6\text{C}(\text{CO})_6$." Inorganic Chemistry Communications. 43, 334, (2014) <https://doi.org/10.1016/j.inoche.2014.02.001>
2. Canal, J. P., Jennings, M., Yap, G. P. A., Pomeroy, R. K. "Synthesis and structure of two tetranuclear osmium carbonyl isotopomers: A crystallographic isotope effect." Dalton Transaction. 1375-1382, (2008) <https://doi.org/10.1039/B711872D>
3. Canal, J. P., Ramnial, T., Kie, D. A., Clyburne, J. A. C. "From the Reactivity of N heterocyclic Carbenes to New Chemistry in Ionic Liquids." Chemical Communications. 1809-1818 (Invited contribution Feature article) (2006) <https://doi.org/10.1039/B512462J>
4. Canal, J. P., Jennings, M., Yap, G. P. A., Pomeroy, R. K. "The series $\text{Os}_4(\mu_2\text{C}_2\text{Ph}_2)(\text{CO})_4$ ($n = 0, 1, 2; x = n+2$): models for site specific surface catalysts." Canadian Journal of Chemistry. 84:176-186, (2006) <https://doi.org/10.1139/v05239>
5. Canal, J. P., Yap, G. P. A., and Pomeroy, R. K. "The $\text{Re}_5(\text{CO})_n$ ($n = 19, 18, 16$) Clusters." Organometallics. 22: 3439-3447, (2003) <https://doi.org/10.1021/om030033y>