org-ref makes writing a cinch

John Kitchin

December 22, 2015

1 Introduction

Cite a paper [1].

Multiple citations [1, 2]

Alternate cites 3.

2 Methods

$$y = \sinh x \tag{1}$$

Refer to Eq. (1) for the details.

3 Results

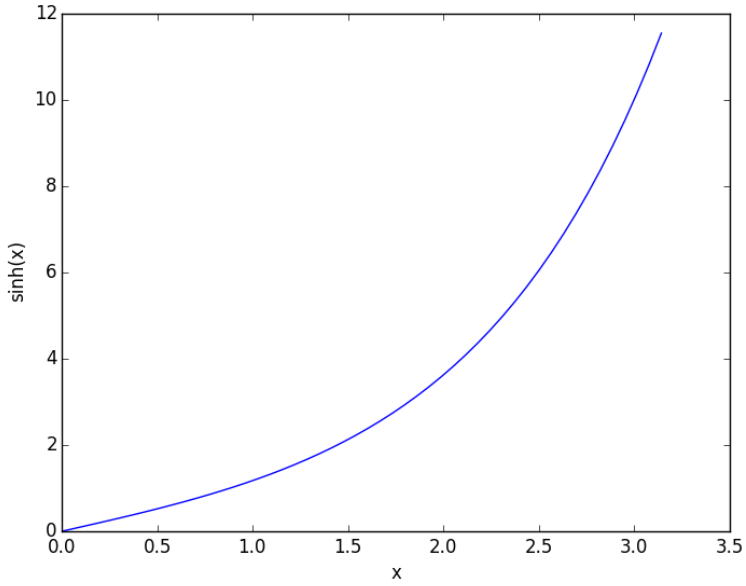

Figure 1: plotting is a cinch.

The results are in Figure 1.

4 Conclusions

org-ref was used in these papers [4, 5, 6, 7, 3, 8, 9, 2, 10, 11, 12, 13, 14, 15]. It made it easy.

References

[1] J. R. Kitchin, J. K. Nørskov, M. A. Barteau, and J. G. Chen. Role of strain and ligand effects in the modification of the electronic and chemical properties of bimetallic surfaces. *Phys. Rev. Lett.*, 93(15):156801, 2004.

[2] Prateek Mehta, Paul A. Salvador, and John R. Kitchin. Identifying

potential BO_2 oxide polymorphs for epitaxial growth candidates. *ACS Appl. Mater. Interfaces*, 6(5):3630–3639, 2014.

[3] Zhongnan Xu and John R. Kitchin. Relating the electronic structure and reactivity of the 3d transition metal monoxide surfaces. *Catalysis Communications*, 52:60–64, 2014.

[4] Zhongnan Xu and John R Kitchin. Tuning oxide activity through modification of the crystal and electronic structure: From strain to potential polymorphs. *Phys. Chem. Chem. Phys.*, 17:28943–28949, 2015.

[5] Zhongnan Xu and John R. Kitchin. Relationships between the surface electronic and chemical properties of doped 4d and 5d late transition metal dioxides. *The Journal of Chemical Physics*, 142(10):104703, 2015.

[6] Zhongnan Xu, Jan Rossmeisl, and John R. Kitchin. A linear response DFT+U study of trends in the oxygen evolution activity of transition metal rutile dioxides. *The Journal of Physical Chemistry C*, 119(9):4827–4833, 2015.

[7] Zhongnan Xu, Yogesh V. Joshi, Sumathy Raman, and John R. Kitchin. Accurate electronic and chemical properties of 3d transition metal oxides using a calculated linear response U and a DFT + U(V) method. *The Journal of Chemical Physics*, 142(14):144701, 2015.

[8] Zhongnan Xu and John R. Kitchin. Probing the coverage dependence of site and adsorbate configurational correlations on (111) surfaces of late transition metals. *J. Phys. Chem. C*, 118(44):25597–25602, 2014.

[9] Spencer D. Miller, Vladimir V. Pushkarev, Andrew J. Gellman, and John R. Kitchin. Simulating temperature programmed desorption of oxygen on Pt(111) using DFT derived coverage dependent desorption barriers. *Topics in Catalysis*, 57(1-4):106–117, 2014.

[10] John R. Kitchin. Examples of effective data sharing in scientific publishing. *ACS Catalysis*, 5(6):3894–3899, 2015.

[11] John R. Kitchin. Data sharing in surface science. *Surface Science*, N/A:in press, 2015.

[12] Alexander P. Hallenbeck and John R. Kitchin. Effects of O_2 and SO_2 on the capture capacity of a primary-amine based polymeric CO_2 sorbent. *Industrial & Engineering Chemistry Research*, 52(31):10788–10794, 2013.

[13] Matthew T. Curnan and John R. Kitchin. Effects of concentration, crystal structure, magnetism, and electronic structure method on first-principles oxygen vacancy formation energy trends in perovskites. *The Journal of Physical Chemistry C*, 118(49):28776–28790, 2014.

[14] Jacob R. Boes, Gamze Gumuslu, James B. Miller, Andrew J. Gellman, and John R. Kitchin. Supporting information: Estimating bulk-composition-dependent H_2 adsorption energies on Cu_xPd_{1-x} alloy (111) surfaces. *ACS Catalysis*, 5:1020–1026, 2015.

[15] Jacob R. Boes, Gamze Gumuslu, James B. Miller, Andrew J. Gellman, and John R. Kitchin. Estimating bulk-composition-dependent H_2 adsorption energies on Cu_xPd_{1-x} alloy (111) surfaces. *ACS Catalysis*, 5:1020–1026, 2015.