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Education and experience

- PhD: The University of Calgary, Canada
- Post-doc: The University of Kansas, USA
- Scientist: NCL, Pune

Achievements 35 publications in peer reviewed journals

Research subjects:

- Physical Chemistry
- Computational Chemistry
- Organometallics

Research Areas

- Applications of density functional theory
- Organometallic catalysis
- Energy storage
- Fuel cells
- Stochastic simulations of chemical systems

Recent publications

- (1) Ghatak, K.; Mane, M.; **Vanka, K.** *ACS catalysis*. DOI: 10.1021/cs400174u
- (2) Kuriakose, N.; **Vanka, K.** *Inorganic Chemistry* **2013**. DOI: 10.1021/ic3019887
- (3) Chandra, P.; Pandhare, S. L.; Umbarkar, S. B.; Dongare, M. K.; **Vanka, K.** *Chemistry – A European Journal* **2013**, 19, (6), 2030-2040.
- (4) Kadam, S.; **Vanka, K.** *Journal of Computational Chemistry* **2012**, 34, (5), 394-404.
- (5) Kadam, S.; **Vanka, K.** *Journal of Computational Chemistry* **2012**, 33, (3), 276-285.
- (6) Kuriakose, N.; Kadam, S.; **Vanka, K.** *Inorganic Chemistry* **2012**, 51, (1), 377-385.
- (7) Mane, M. V.; Venkatnathan, A.; Ghatak, K.; **Vanka, K.**, *The Journal of Physical Chemistry B* **2012**, 116, (32), 9803-9811.
- (8) Pal, A.; **Vanka, K.** *Chemical Communications* **2011**, 47, (41), 11417-11419.