List of Publications

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**1984-1990**

1. Houk, K. N.; Rondan, N. G.; **Wu, Y.-D.**; Metz, J. T; Paddon-Row, M. N. Theoretical Studies of Stereoselective Hydroborations, [*Tetrahedron* **1984**, 40, 2257-2274.](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6THR-42M7NWG-JC&_user=6492722&_coverDate=12%2F31%2F1984&_alid=1609279795&_rdoc=1&_fmt=high&_orig=search&_origin=search&_zone=rslt_list_item&_cdi=5289&_sort=r&_st=13&_docanchor=&view=c&_ct=1&_acct=C000066187&_version=1&_urlVersion=0&_userid=6492722&md5=ba3189f1fde298304cc85b71ef68394d&searchtype=a)

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4. Kaufmann, E.; Schleyer, P. V. R.; Houk, K. N.; **Wu, Y.-D.**. Ab Initio Mechanisms for the Addition of CH3Li, HLi, and Their Dimers to Formaldehyde, [*J. Am. Chem. Soc.* **1985**, 107, 5560-5562.](http://pubs.acs.org/doi/abs/10.1021/ja00305a058?journalCode=jacsat&quickLinkVolume=107&quickLinkPage=5560&volume=107)

5. Houk, K. N.; Duh, D.-H.; **Wu, Y.-D.**; Moses, S. R. Steric Models for Stereoselectivity of Nitrile Oxide Cycloadditions to Chiral Alkenes, [*J. Am. Chem. Soc.* **1986**, 108, 2754-2755.](http://pubs.acs.org/doi/abs/10.1021/ja00270a044?journalCode=jacsat&quickLinkVolume=108&quickLinkPage=2754&volume=108)

6. Houk, K. N.; Paddon-Row, M. N.; Rondan, N. G.; **Wu, Y.-D.**; Brown, F. K.; Spellmeyer, D. C.; Metz, J. T.; Li, Y.; Loncharich, R. J. Theory and Modeling of Stereoselective Organic Reactions, [*Science* **1986**, 231, 1108-1117.](http://www.sciencemag.org/content/231/4742/1108.abstract?sid=ebb7cd6b-02bb-4343-86e4-a4f1900fe5c7)

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12. **Wu, Y.-D.**; Houk, K. N. Theoretical Transition Structures for Hydride Transfer to Methylene-iminium Ion from Methylamine and Dihydropyridine. On the Non-Linearity of Hydride Transfers, [*J. Am. Chem. Soc.* **1987**, 109, 2226-2227.](http://pubs.acs.org/doi/abs/10.1021/ja00241a074?journalCode=jacsat&quickLinkVolume=109&quickLinkPage=2226&volume=109)

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**1991-1995**

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