

Song Lin

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Professional

Cornell University, Assistant Professor of Chemistry, from 2016
Lawrence Berkeley National Laboratory, Postdoctoral Fellow, 2014-2016
UC Berkeley, Postdoctoral Fellow, 2013-2014

Education

Harvard University, Ph.D. in Chemistry, 2013
Peking University, B.S. in Chemistry, 2008

Publications

1. S. Lin,[†] C. S. Diercks,[†] Y.-B. Zhang,[†] N. Kornienko, E. M. Nichols, Y. Zhao, A. R. Paris, D. Kim, P. Yang, O. M. Yaghi, C. J. Chang, *Science* **2015**, *349*, 1208–1213 ([†] denotes equal contribution)
“Covalent organic frameworks comprising cobalt porphyrins for catalytic CO₂ reduction in water”
2. N. Kornienko, Y. Zhao, C. Kley, C. Zhu, D. Kim, S. Lin, C. J. Chang, O. M. Yaghi, P. Yang, *J. Am. Chem. Soc.* **2015**, *137*, 14129–14135
“Metal-organic frameworks for electrocatalytic reduction of carbon dioxide”
3. C. Rogers, C. Chen, Z. Pedramrazi, A. A. Omrani, H.-Z. Tsai, H. S. Jung, S. Lin, M. F. Crommie, F. R. Fischer, *Angew. Chem., Int. Ed.* **2015**, *54*, 15143–15146
“Closing the nanographene gap: surface-assisted synthesis of peripentacene from 6,6'-bipentacene precursors”
4. H. Zhang, S. Lin, E. N. Jacobsen, *J. Am. Chem. Soc.* **2014**, *136*, 16485–16488
“Enantioselective selenocyclization via dynamic kinetic resolution of seleniranium ions by hydrogen-bond donor catalysts”
5. S. Lin, E. N. Jacobsen, *Nature Chem.* **2012**, *4*, 817–824
“Thiourea-catalysed ring opening of episulfonium ions with indole derivatives by means of stabilizing non-covalent interactions”
6. R. R. Knowles, S. Lin, E. N. Jacobsen, *J. Am. Chem. Soc.* **2010**, *132*, 5030–5032
“Enantioselective thiourea-catalyzed polycyclizations”
7. Y.-Z. Li, B.-J. Li, X.-Y. Lu, S. Lin, Z.-J. Shi, *Angew. Chem., Int. Ed.* **2009**, *48*, 3817–3820
“Cross dehydrogenative arylation (CDA) of a benzylic C–H bond with arenes by iron catalysis”
8. S. Lin, C.-X. Song, G.-X. Cai, W.H. Wang, Z.-J. Shi, *J. Am. Chem. Soc.* **2008**, *130*, 12901–12903
“Intra/Intermolecular direct allylic alkylation via Pd(II)-catalyzed allylic C–H activation”

Honors and Awards

1. State Natural Science Award, China (for research achievements), 2014
2. Fieser Lectureship, Harvard University, 2012
3. Christensen Prize for Outstanding Research Achievement, Harvard University, 2012
4. Eli Lilly Graduate Student Fellowship, 2011
5. Certificate of Distinction for Excellence in Teaching, Harvard University, 2009

Presentations

1. Invited Seminar, Columbia University, New York, NY, 2016
2. Invited Seminar, Washington University, St. Louis, MO, 2016
3. Invited Seminar, Cornell University, Ithaca, NY, 2015

4. Invited Seminar, University of California, Davis, CA, 2015
5. Invited Seminar, North Carolina State University, Raleigh, NC, 2015
6. Invited Seminar, University of Notre Dame, South Bend, IN, 2015
7. Invited Seminar, Worcester Polytechnic Institute, Worcester, MA, 2015
8. Invited Seminar, Texas Tech University, Lubbock, TX, 2015
9. Gordon Research Conference: Organic Reactions and Processes, Lewiston, ME, 2015
10. Invited Seminar, Princeton University, Princeton, NJ, 2014
11. Invited Seminar, Boston University, Boston, MA, 2014
12. Organic Chemistry Seminar (Invited), Peking University, Beijing, China, 2013
13. Fieser Award Lecture, Harvard University, Cambridge, MA, 2012
14. Eli Lilly Grantee Symposium, Indianapolis, IN, 2012

Teaching

1. Advanced Organic Chemistry, Fall 2016
2. Principles of Organic Chemistry, Fall 2010
3. Principles of Organic Chemistry, Fall 2009
4. Organic Chemistry of Life, Spring 2009