

PUBLICATIONS (Corresponding Author denoted by asterisk)

Publications from faculty research at Brigham Young University

57. Jalan, A.; Kastner, D. W.; Webber, K. G. I.; Smith, M. S.; Price, J. L.;* Castle, S. L.* “Bulky Dehydroamino Acids Enhance Proteolytic Stability and Folding in β -Hairpin Peptides.” *Org. Lett.* **2017**, *19*, 5190–5193.
56. Castle, S. L.* “Remodeling Vancomycin Yields a Victory in the Battle Against Bacteria.” *Proc. Natl. Acad. Sci. U.S.A.* **2017**, *114*, 6656–6657 (invited Commentary article).
55. Jackman, M. M.; Cai, Y.; Castle, S. L.* “Recent Advances in Iminyl Radical Cyclizations.” *Synthesis* **2017**, *49*, 1785–1795.
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52. Jiang, J.; Luo, S.; Castle, S. L.* “Solid-Phase Synthesis of Peptides Containing Bulky Dehydroamino Acids.” *Tetrahedron Lett.* **2015**, *56*, 3311–3313.
51. Cai, Y.; Jalan, A.; Kubosumi, A. R.; Castle, S. L.* “Microwave-Promoted Tin-Free Iminyl Radical Cyclization with TEMPO Trapping: A Practical Synthesis of 2-Acylpyrroles.” *Org. Lett.* **2015**, *17*, 488–491.
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45. Loertscher, B. M.; Zhang, Y., Castle, S. L.* “Exploration of an Epoxidation–Ring-Opening Strategy for the Synthesis of Lyconadin A and Discovery of an Unexpected Payne Rearrangement.” *Beilstein J. Org. Chem.* **2013**, *9*, 1179–1184.
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Publications from graduate research at The Scripps Research Institute

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Publications from undergraduate research at Brigham Young University

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Publications from summer research during high school and college at the University of South Florida

4. Luo, J.-K.; Castle, S. L.; Castle, R. N.* "The Synthesis of Novel Polycyclic Heterocyclic Ring Systems Via Photocyclization. 12. Benzo[*h*]naphtho[2',1':4,5]thieno[2,3-*c*]quinoline and benzo[*f*]naphtho[2',1':4,5]thieno[2,3-*c*]quinoline." *J. Heterocycl. Chem.* **1993**, *30*, 653–658.
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