

PUBLICATIONS (Updated 10/2018)

Books (6)

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- 4 & 5. *Chem 111 Laboratory Manual*. Texas A&M University, 2007, 2nd Ed. 2008
- 2 & 3. *Chem 111 Laboratory Manual*. Texas A&M University, 2007, 2nd Ed. 2008
1. *Fundamentals of Organic Chemistry 6E*. McMurry, J.E. & Simanek, E.E. Thompson/Brooks Cole, 2007.

Book chapters (5)

5. Chapter 10: Cationic Triazine Dendrimers: Synthesis, Characterization and Biological Applications, Enciso, A.E.; Simanek, E.E. In *Cationic Polymers for Regenerative Medicine*, 2015, S.K. Samal, Ed. RSC Publishing.
4. Chapter 17. Triazine dendrimers for DNA and siRNA delivery: Progress, challenges, and opportunities. Mintzer, M.A.; Merkel, O.M.; Kissel, T.; Simanek, E.E. in "Dendrimer-based drug delivery systems: from theory to practice Yien Chen, Editor. Wiley. 2012. doi: 10.1016/j.addr.2012.03.008. Review. PMID: 22465784
3. Dendrimers based on melamine: vehicles for drug delivery? Simanek, E. E. ACS Symposium Series 2006, 923(Polymeric Drug Delivery I), 121-136.
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99. Intrinsic Fluorescence of Triazine Dendrimers Provides a New Approach to Study Dendrimer Structure and Conformational Dynamics . Raut, S.; Enciso, A. E.; Pavan, G. M.; Lee, C.; Yepremyan, A.; Tomalia, D. A.; Simanek, E. E. Gryczynski, Z. J. *Phys. Chem. C*, 2017, 12, 6946-54. DOI: 10.1021/acs.jpcc.6b11110.
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