

# Recent Reviews. 55

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Reviews are listed in order of appearance in the sources indicated. In multidisciplinary review journals, only those reviews which fall within the scope of this Journal are included. Sources are listed alphabetically in three categories: regularly issued review journals and series volumes, contributed volumes, and other monographs. Titles are numbered serially, and these numbers are used for reference in the index.

Major English-language sources of critical reviews are covered. Encyclopedic treatises, annual surveys such as *Specialist Periodical Reports*, and compilations of symposia proceedings are omitted.

This installment of Recent Reviews covers principally the middle part of the 1999 Literature. Previous installment: *J. Org. Chem.* 1999, 64, 4(21), 7679–86.

**Supporting Information Available:** A file containing this Recent Review compilation in Microsoft Word and the data in rtf format is available free of charge via the Internet at <http://pubs.acs.org>.

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4. Adam, W.; Wirth, T. Hydroxy Group Directivity in the Epoxidation of Chiral Allylic Alcohols: Control of Diastereoselectivity through Allylic Strain and Hydrogen Bonding. **1999**, 32(8), 703–10.
5. Ibach, S.; Prautzsch, V.; Voegtle, F.; Chartroux, C.; Gloe, K. Homocalixarenes. **1999**, 32(9), 729–40.
6. Shilov, A. E.; Shteinman, A. A. Oxygen Atom Transfer into C–H Bond in Biological and Model Chemical Systems. Mechanistic Aspects. **1999**, 32(9), 763–71.
7. Robinson, G. H. Gallanes, Gallenes, Cyclogallenes, and Gallynes: Organometallic Chemistry about the Gallium–Gallium Bond. **1999**, 32(9), 773–82.
8. Hirsch, A.; Nuber, B. Nitrogen Heterofullerenes. **1999**, 32(9), 795–804.
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10. Adam, W.; Lazarus, M.; Saha-Moeller, C. R.; Schreier, P. Biocatalytic Synthesis of Optically Active  $\alpha$ -Oxyfunctionalized Carbonyl Compounds. **1999**, 32(10), 837–45.

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12. Hermecz, I. Chemistry of Benzologs of Pyrido[1,2- $\alpha$ ]pyrimidines: Part V of Series on Pyrido-Oxazines, -Diazines, and -Thiazines. **1999**, 73, 177–274.

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13. Chatgilialoglu, C.; Newcomb, M. Hydrogen Donor Abilities of the Group 14 Hydrides. **1999**, 44, 67–112.
14. Escudie, J.; Ranaivonjatovo, H. Doubly Bonded Derivatives of Germanium. **1999**, 44, 113–74.
15. Bourissou, D.; Bertrand, G. The Chemistry of Phosphinocarbenes. **1999**, 44, 175–219.
16. Tacke, R.; Pulm, M.; Wagner, B. Zwitterionic Pentacoordinate Silicon Compounds. **1999**, 44, 221–73.
17. Gibson, S. E.; Peplow, M. A. Transition Metal Complexes of Vinylketenes. **1999**, 44, 275–355.

### Advances in Physical Organic Chemistry

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- 24.** Welton, T. Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis. **1999**, *99*(8), 2071–83.
- 25.** Kiricsi, I.; Foerster, H.; Tasi, G.; Nagy, J. B. Generation, Characterization, and Transformations of Unsaturated Carbenium Ions in Zeolites. **1999**, *99*(8), 2085–114.
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- 36.** Cowen, S. Chip Service. **1999**, *15*(15), 584–6.

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- 44.** Putala, M. Synthetic Approaches to Axially Chiral  $C_2$ -Symmetrical Nonracemic Binaphthyl Derivatives. **1999**, *4*(3–4), 243–62.

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- 62.** Shapiro, M. J.; Gounaris, J. S. NMR Methods Utilized in Combinatorial Chemistry Research. **1999**, *35*(2), 153–200.

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- 64.** Ayer, W. A.; Trifonov, L. S. Secondary Metabolites and the Control of Some Blue Stain and Decay Fungi. **1999**, *77*.

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- 106.** Rassu, G.; Zanardi, F.; Battistini, L.; Casiraghi, G. The Vinylogous Aldol Addition of Heterocyclic Silyloxy Dienes. Application in Synthesis. **1999**, *(9)*, 1333–50.
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