

Top 10 most cited publications of EH group at Niigata Univ

Times cited, at April 2022
Google Scholar, Web of Science

- 1) "Reductive Transformations of α , β -Epoxy Ketones and Other Compounds Promoted through Photoinduced Electron Transfer Processes with 1,3-Dimethyl-2-phenyl-benzimidazoline (DMPBI)", E. Hasegawa, A. Yoneoka, K. Suzuki, T. Kato, T. Kitazume, K. Yanagi
Tetrahedron, **1999**, 55, 12957-12968. **133, 111**
- 2) "Photoinduced Electron-Transfer Systems Consisting of Electron-Donating Pyrenes or Anthracenes and Benzimidazolines for Reductive Transformation of Carbonyl Compounds"
E. Hasegawa, S. Takizawa, T. Seida, A. Yamaguchi, N. Yamaguchi, N. Chiba, T. Takahashi, H. Ikeda, K. Akiyama
Tetrahedron, **2006**, 62, 6581-6588. **125, 94**
- 3) "Exploratory Study on Photoinduced Single Electron Transfer Reactions of α , β -Epoxy Ketones with Amines",
E. Hasegawa, K. Ishiyama, T. Horaguchi, T. Shimizu,
J. Org. Chem. **1991**, 56, 1631-1635. **95, 80**
- 4) "Contrastive Photoreduction Pathways of Benzophenones Governed by Regiospecific Deprotonation of Imidazoline Radical Cations and Additive Effects"
E. Hasegawa, T. Seida, N. Chiba, T. Takahashi, H. Ikeda,
J. Org. Chem. **2005**, 70, 9632-9635. **71, 59**
- 5) "Electron Transfer Reactions of Aromatic α , β -Epoxy Ketones: Factors to Govern Selective Conversions to β -Diketones and β -Hydroxy Ketones",
E. Hasegawa, K. Ishiyama, T. Fujita, T. Kato, T. Abe
J. Org. Chem., **1997**, 62, 2396-2400. **65, 58**
- 6) "Photochemically and Thermally Induced Free Radical Reactions of α , β -Epoxy Ketones with Tributyltin Hydride: Selective C α -O Bond Cleavage of Oxiranylmethyl Radicals Derived from α , β -Epoxy Ketones",
E. Hasegawa, K. Ishiyama, T. Kato, T. Horaguchi, T. Shimizu, S. Tanaka, Y. Yamashita,
J. Org. Chem. **1992**, 57, 5352-5359. **60, 51**
- 7) "Photoinduce Electron Transfer Reactions of α , β -Epoxy Ketones with 2-Phenyl-N,N-dimethylbenzimidazoline (PDMBI): Significant Water Effect on the Reaction Pathway",
E. Hasegawa, T. Kato, T. Kitazume, K. Yanagi, K. Hasegawa, T. Horaguchi,
Tetrahedron Lett. **1996**, 37, 7079-7082. **46, 38**
- 8) "First Example of Samarium Diiodide Promoted Sequential Cyclization and Ring-Expansion Reactions of α -Bromomethyl cyclic β -Keto Esters to the Homologated γ -Keto Esters",
E. Hasegawa, T. Kitazume, K. Suzuki, E. Tosaka
Tetrahedron Lett. **1998**, 39, 4059-4062. **42, 34**
- 9) "Cyclization and ring-expansion processes involving samarium diiodide promoted reductive formation and subsequent oxidative ring-opening of cyclopropanol derivatives"
H. Tsuchida, M. Tamura, E. Hasegawa,
J. Org. Chem. **2009**, 74, 2467-2475. **40, 31**
- 10) "Benzimidazolium naphthoxide betaine is a visible light promoted organic photoredox catalyst",
E. Hasegawa, N. Izumiya, T. Miura, T. Ikoma, H. Iwamoto, S. Takizawa, S. Murata,
J. Org. Chem. **2018**, 83, 3921-3927. **30, 27**