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Education

1981.3~1985.2: **BS**, Seoul National University, Chemistry Major

1986.1~1987.5: **MS**, The University of Michigan, Organic Chemistry

1988.9~1992.8: **Ph. D.** The University of Michigan, Organic Chemistry

1992.09~1994.02: Postdoctoral Fellow, Emory University

Professional Career

1994.03~present: Professor in Chemistry, *Myongji University*

2013.03~present: Professor in Energy Science and Technology, *Myongji University*

2019.01~present: Associate Editor, *Journal of the Korean Chemical Society*

Very Recent Papers

1. All-*E*-Carotenoid Synthesis via Suzuki Coupling of α,ω -Dibromopentaene: HPLC Optimization of the Catalyst Conditions, Yang Liu, Aleksei, N. Golikov, Sangho Koo, *J. Org. Chem.* **2025**, 90(38), 13430-13439.
2. Diglycerides of Natural Phenols and Organic Acids for Enhanced Biological Activities. Jisu Hong, Seunghyo Han, Huisu Yeo, Chanyoung Boo, Hyein Kim, Eunbi Kim, Boram Lim, Yeon Jeong Jo, Ji-Seon Hyun, Nam Ho Lee, Sangho Koo, *Asian J. Org. Chem.* **2025**, 14(8), e00285.
3. Regioselective De Novo Synthesis of Phenolic Isoprenoids Grifolin and Neogrifolin, Boram Lim, Huisu Yeo, Seunghyo Han, Dabin Kim, Hansuk Lee, Sangho Koo, *Appl. Sci.* **2025**, 15(3), 1438.
4. Palladium-Catalyzed *S*-Allylation of Vinyl Carbinols – Total Syntheses of Carotenoids by Julia-Kocienski Olefination, Aleksei N. Golikov, Chibeom Seo, JaeHwan Lee, and Sangho Koo, *Adv. Synth. Catal.* **2024**, 366(1), 82-90.
5. Preparation of Divergent Intermediates and Convergent Synthesis of Phytofluene, Chanyoung Boo, Hyein Kim, Huijeong Yang, Seunghyo Han, Huisu Yeo, Chibeom Seo, Sangho Koo, *Synthesis* **2023**, 55(16), 2517-2525.
6. Rapid assembly of pyrrole-ligated 1,3,4-oxadiazoles and excellent antibacterial activity by iodophenol substituents, Hyein Kim, Lina Gu, Huisu Yeo, Umji Choi, Chang-Ro Lee, Haiyang Yu, Sangho Koo, *Molecules* **2023**, 28(8), 3638.