

Professor YU Lei

College	College of Chemistry & Chemical Engineering
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	Zhejiang University Ph D
Research Interests	Chemistry
Selected Publications	<p>(1) Jian Liu, Yuanli Cai, Chaoqun Xiao, Hu Zhang, Fulu Lv, Chengzhi Luo, Zhenghao Hu, Yitao Cao, Bin Cao, <u>Lei Yu*</u>, Synthesis of LiPF₆ using CaF₂ as the fluorinating agent directly: An advanced industrial production process fully harmonious to the environments. <i>Industrial & Engineering Chemistry Research</i>, 2019, <i>58(44)</i>, 20491-20494</p> <p>(2) Xin Deng, Hongen Chao, Chao Chen, Hongwei Zhou* and <u>Lei Yu*</u>, Organotellurium catalysis-enabled utilization of molecular oxygen as oxidant for oxidative deoxygenation reactions under solvent-free conditions. <i>Science Bulletin</i>, 2019, <i>64(17)</i>, 1280-1284.</p> <p>(3) Kuanhong Cao, Xin Deng, Tian Chen, Qitao Zhang*, and <u>Lei Yu*</u>, A facile approach to constructing Pd@PCN-Se nano-composited catalysts for selective alcohol oxidation reactions. <i>Journal of Materials Chemistry A</i>, 2019, <i>7(18)</i>, 10918–10923</p> <p>(4) <u>Lei Yu*</u>, Rongrong Qian, Xin Deng, Fang Wang, and Qing Xu Calcium-catalyzed reactions of element-H bonds. <i>Science Bulletin</i>, 2018, <i>63(15)</i>, 1010-1016.</p> <p>(5) Dongliang Zhang, Zheng Wei, <u>Lei Yu*</u>, Easily fabricated and recyclable Pd&Cu@Al catalyst for gram-scale phosphine-free Heck reactions with high TON. <i>Science Bulletin</i>, 2017, <i>62(19)</i>, 1325-1330</p>

Email	yulei@yzu.edu.cn
-------	------------------