

수업계획서

1. Introduction to Education

과목명(국문)/ 영문명 / 과목번호
무기화학특론1 / Selected Topics in Inorganic Chemistry I /CHM6431
대상학년
대학원생
강의소개
Synthesis, reactivity, and mechanism of sigma-bonded alkyls and aryls, metal carbonyls and pi-bonded organic ligands such as alkenes, alkynes, allyls, and arenes will be emphasized. Applications of organometallic complexes in organic synthesis and industrial catalysis will be also discussed.
과목 카테고리
Natural Science

2. About Professor

교수소개
<ul style="list-style-type: none"> ◦ 교수명 : 옥강민 ◦ E-mail : ◦ 기 타 :
Etc

3. Syllabus

Lesson	Topic	교안형태		
		동영상	음성	문서
ch1	Introduction and Electron Counting			○
ch2	The Metal-Carbon and Metal-Hydrogen Bonds			○
ch3	Carbonyls and Phosphine Complexes			○
ch4	Ligand Substitution Processes			○
ch5	Complexes of π - Bound Ligands			○
ch6	Complexes of Cyclic π Ligands			○
ch7	Ziegler-Natta Olefin Polymerization			○
ch8	Arene Complexes			○
ch9	Oxidative Addition and Reductive Elimination			○
ch10	Nucleophilic and Electrophilic Addition and Abstraction			○

4. Etc