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Education

BSc.

University: Islamic Azad University of Lahijan

Major: Applied Chemistry

Thesis

Supervisor

Msc.

University: Isfahan University

Major: Nano Chemistry

Thesis: Synthesis and catalytic application of LDH nanostructures containing transition metal substituted Keggin-type polyoxometalates in the oxidation of alcohols, sulfides and epoxidation of alkenes

Supervisors: Dr. Bahram Yadollahi

PhD

Thesis:

Supervisors:

Research Experience:

Catalytic activity investigation of different kinds of Polyoxometalates for various reactions.

Publications (Journal):

1."Zn-Al LDH nanostructures pillared by Fe substituted Keggin type polyoxometalate: Synthesis, characterization and catalytic effect in green oxidation of alcohols", Saeed Hasannia, Bahram Yadollahi, *polyhedron*, 99 (2015) 260-265.

Publications (Conference):

1."Oxidation of alcohols by nanoscale synthesized layered double hydroxides pillared by Keggin-type polyoxometalates as catalyst", 2014, *Iranian Inorganic Chemistry Conference*, Saeed Hasannia, Bahram Yadollahi.

2." Catalytic activity of nanoscale synthesized layered double hydroxides pillared by transition metal substituted polyoxometalates in the oxidation of sulfides", 2014, *Iranian Inorganic Chemistry Conference*, Saeed Hasannia, Bahram Yadollahi.