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BACK DASHBOARD / **ARTICLE DETAILS**

Updated on 2022-07-06

Version 2

Unique coupling with a double-metallic coating on nanocatalyst to synthesis of green products

REJECTED

ID 1162600

Mansour Binandeh SA CA [1],
Mohammad Ali Nasseri[1], Ali Allahresani[1]
Show Affiliations

Article Type
Research Article

Journal
Journal of Chemistry

Ignjatovic Nenad
Submitted on 2022-06-02 (a year ago)

Abstract

Author Declaration

Files 1

Editorial Comments

Nenad Ignjatovic 06.07.2022

Decision
Reject

Message for Author
The reviewers consider that the manuscript does not meet the conditions for publication.

Response to Revision Request

Your Report

1 submitted

Reviewer 2: Zoran Stojanovic 05 Jul 2022

Affiliation:

Institute of Technical Sciences, Belgrade

REVIEWER ACTIVITY

Invited: 03 Jul 2022 22:47:11

Accepted: 03 Jul 2022 22:48:26

Submitted: 05 Jul 2022 15:55:47

Recommendation:

MINOR REVISION

Reviewer Report:

Authors described process of synthesis and proved catalytic performance of novel magnetic bimetallic nanocatalyst for C-P coupling reaction. The coprecipitation synthesis procedure of metal ferrite superparamagnetic nanoparticles, subsequent coating with silica layer and four step functionalization of silica surface was described in great detail and accompanied with appropriate images and schemes. Characterization results are meaningful, well presented and described. According to the authors synthesized particles (core) are Fe3O4 – magnetite with nanoscale crystalites which gives magnetic properties suitable for reusable magnetic separation process. Next, the authors described perfomance, mechanism, recovery and reuse of their catalyst on two – step coupling reaction in comparison with catalysts produced by other researchers. In this part the authors proved that presented nanocatalyst exceeds performances of other catalysts. Although there are recently several publication that use similar concept of magnetic nanocatalysts this publication specificly describes Suzuki-Heck-Sonogashira coupling reactions which is novelty by it self.

Firstly, I suggested that the authors should improve the subtitles (subheadings), they are highly confusing. The subtitle “Time is used” is odd

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BACK DASHBOARD / **ARTICLE DETAILS** Updated on 2022-06-02 Version 1

A Low-temperature Hydrothermal Synthesis of Prussian Blue Nanocrystal and its Application in H2O2 Detection

PUBLISHED

ID 7593873

Yang Jing SA CA [1], Li Dehui[1], Ji Lili[1]
Show Affiliations

Article Type
Research Article

Journal
Journal of Chemistry

Ignjatovic Nenad
Submitted on 2022-05-27 (2 years ago)

Abstract

Author Declaration

Files 2

Editorial Comments

Nenad Ignjatovic 02.06.2022

Decision
Minor Revision Requested

Message for Author

Dear author,
Please make corrections according to the reviewer's suggestions.
Kind regards,
Prof Dr Nenad Ignjatovic, Academic Editor

Your Report

1 submitted

Reviewer 1: Zoran Stojanovic 01 Jun 2022

Affiliation:

Institute of Technical Sciences, Belgrade

REVIEWER ACTIVITY

Invited: 01 Jun 2022 09:02:52

Accepted: 01 Jun 2022 09:08:52

Submitted: 01 Jun 2022 21:05:30

Recommendation:

MINOR REVISION

Reviewer Report:

The authors have properly described reaction mechanism and synthesis procedure has been simplified by using a single precursor and tuning acidity with HCl concentration. According to the literature data, this way of hydrothermal synthesis is novelty by itself. The only thing that is not clear and has not been properly shown is impact of precursor and H+ concentration to particles sizes. The authors have shown only TEM images with different bars from which is hardly to differentiate is it one, two or 4 samples. Therefore, my recommendation is to add additional particles size characterizations, for example, laser diffraction particle size analysis or other appropriate method which will demonstrate that those are different samples each one with distinct particles size distribution, as the authors have stated in manuscript. Further, it is not clear which sample have best electrocatalytic activity.

Reviewer Historical Report

This report is refreshed every 24 hours
Last refresh date: **11-Dec-2019 at 12:00 AM GMT**

Reviewer Details

				Invitations	
Site Acronym	Reviewer	Reviewer Email	Reviewer I	Agreed	Declined
MSEC	stojanovic, zoran	zoran.stojanovic@itn.sanu.ac.rs		2	1

				Reviews	
Site Acronym	Reviewer	Reviewer Email	Reviev	Completed	Uninvited
MSEC	stojanovic, zoran	zoran.stojanovic@itn.sanu.ac.rs		1	1

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Activity History

Activity History

Recommendation Summary [Across all Original Submissions/Revision]

Minor Revisions: 1

Reviewed Submissions

View

Manuscript Number	Date Accepted	Date Completed	Status	Recommendation
MSEC_2016_48	31/Aug/2016	21/Nov/2016	Under Revision	Minor Revisions

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