

REPORT DETAILS

Report Submission Date

20/12/2024

Reported Company/Branch Information

Location Oklahoma State University and OSU System

City/State/Zip: Stillwater, OK, 74078, USA)

Relationship to Institution

Other / Remain Anonymous

Please identify the person(s) engaged in this behavior:

Zeyuan Song - Graduate Student

Zheyu Jiang - Assistant Professor

Do you suspect or know that a supervisor or management is involved?

Yes

If yes, then who?

Prof. Zheyu Jiang

Is management or the department aware of this problem?

Do Not Know / Do Not Wish To Disclose

What is the general nature of this matter?

Scientific misconduct

Where did this incident or violation occur?

<https://checlams.github.io/publications/>

<https://checlams.github.io/preprints/>

Please provide the specific or approximate time this incident occurred:

January 2023

How long do you think this problem has been going on?

More than a year

How did you become aware of this violation?

Accidentally found a document or file

Please identify any persons who have attempted to conceal this problem and the steps they took to conceal it:

Prof. Zheyu Jiang

We had an exchange of emails in January 2023 concerning the first article where I identified elements of scientific misconduct in using an article and a Git repository that I published in 2021. In the last email received on January 17, 2023,Prof. Zheyu Jiang said:
"I understand your concern and will communicate to the Conference organizers to submit a revised manuscript that includes the link to the GitHub repository. We will also add the in-text citations for the case study, namely the MFEM and GRW articles, which we cited several times in the paper (but apparently still missed in the case study). I will let you know as soon as the revision has been made."

Unfortunately, I have not received another email and none of these corrections were made in the revised article. Moreover, I found two other articles published by Song and Jiang in June 2023 and August 2024, where again my publications were used improperly.

Details

I would like to report elements of scientific misconduct identified in two articles posted on the web site

<https://checlams.github.io/publications/>,

1. A Data-Driven Random Walk Approach for Solving Water Flow Dynamics in Soil Systems

Zeyuan Song and Zheyu Jiang

School of Chemical Engineering, Oklahoma State University, Stillwater, OK 74078

Corresponding author: Z. Jiang (E-mail: zheyu.jiang@okstate.edu)

2. A Data-driven Modeling Approach for Water Flow Dynamics in Soil

Zeyuan Song and Zheyu Jiang

Oklahoma State University, 420 Engineering North, Stillwater, Oklahoma 74074 USA

Corresponding author: zheyu.jiang@okstate.edu

and in a third article posted on the web site

<https://checlams.github.io/preprints/>,

3. A Data-facilitated Numerical Method for Richards Equation to Model Water Flow Dynamics in Soil, Zeyuan Song, Zheyu Jiang, School of Chemical Engineering, Oklahoma StateUniversity, Stillwater, OK 74074,

<https://doi.org/10.48550/arXiv.2310.02806>.

The elements of scientific misconduct, such as Plagiarism, Falsification, and Fabrication identified in the three articles published by Song and Jiang are presented in detail and demonstrated by numerical computations in the Git repository

https://github.com/PMFlow/ScientificMisconduct/tree/main/1_Song%26Jiang_OklahomaStateUniversity

Follow-Up Notes

There are no additional notes for this report.

Follow-Up Questions/Comments

There are no questions asked or comments from the organization.

Chat Transcripts

There are no chat transcripts for this incident.