## Accepted Manuscript

Materials discovery and design using machine learning

Yue Liu, Tianlu Zhao, Wangwei Ju, Siqi Shi

PII: S2352-8478(17)30051-5

DOI: 10.1016/j.jmat.2017.08.002

Reference: JMAT 103

To appear in: Journal of Materiomics

Received Date: 20 June 2017

Revised Date: 6 August 2017

Accepted Date: 6 August 2017

Please cite this article as: Liu Y, Zhao T, Ju W, Shi S, Materials discovery and design using machine learning, *Journal of Materiomics* (2017), doi: 10.1016/j.jmat.2017.08.002.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

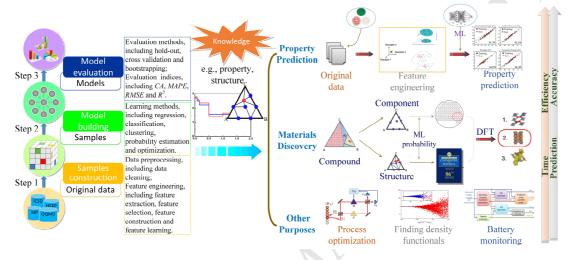


## **Graphical Abstract**

## Materials Discovery and Design using Machine Learning

Yue Liu, Tianlu Zhao, Wangwei Ju and Siqi Shi

Machine learning provides a new means of screening novel materials with good performance, developing quantitative structure-activity relationships (QSARs) and other models, predicting the properties of materials, discovering new materials and performing other materials-related studies.



Download English Version:

## https://daneshyari.com/en/article/5447134

Download Persian Version:

https://daneshyari.com/article/5447134

Daneshyari.com