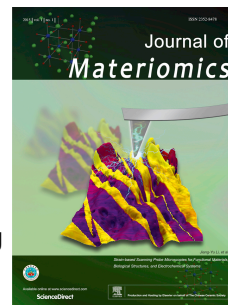


# Accepted Manuscript

High throughput materials synthesis methods for lithium ion battery research

Parker Liu, Bingkun Guo, Tanglin An, Hui Fang, Genxiang Zhu, Chris Jiang, Xiaoping Jiang



PII: S2352-8478(17)30052-7

DOI: [10.1016/j.jmat.2017.07.004](https://doi.org/10.1016/j.jmat.2017.07.004)

Reference: JMAT 101

To appear in: *Journal of Materiomics*

Received Date: 1 July 2017

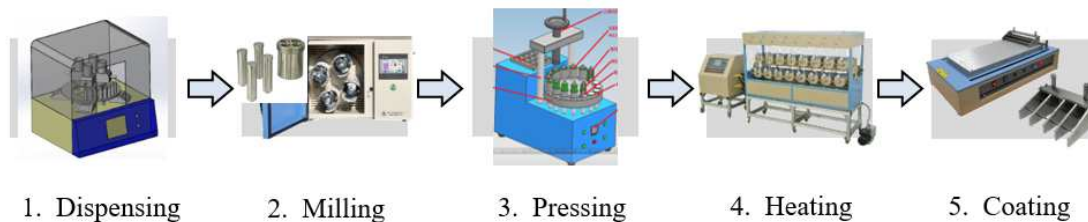
Revised Date: 26 July 2017

Accepted Date: 28 July 2017

Please cite this article as: Liu P, Guo B, An T, Fang H, Zhu G, Jiang C, Jiang X, High throughput materials synthesis methods for lithium ion battery research, *Journal of Materiomics* (2017), doi: 10.1016/j.jmat.2017.07.004.

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.

Development of next generation batteries requires material breakthroughs. High throughput and combinatorial technologies, which offer an alternative to single step materials synthesis process, greatly speed up the discovery and optimization of materials. In this work, high throughput and combinatorial materials synthesis technologies for lithium ion battery research are discussed, and MTI Corporation's efforts on developing such instrumentations are reviewed.



Download English Version:

<https://daneshyari.com/en/article/5447138>

Download Persian Version:

<https://daneshyari.com/article/5447138>

[Daneshyari.com](https://daneshyari.com)