# Article information:

Sci-Hub | Plastic shrinkage cracking in 3D printed concrete | 10.1016/j.compositesb.2020.108313  
<https://sci-hub.wf/10.1016/j.compositesb.2020.108313>

# Article summary:

1. 3D打印混凝土存在塑性收缩开裂的问题。

2. 塑性收缩开裂的发生与混凝土中水分含量、环境温度和相对湿度等因素有关。

3. 通过控制混凝土中的水分含量和环境条件，可以有效减少塑性收缩开裂的发生。

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

作为一篇科学论文，该文章并没有明显的偏见或宣传内容。然而，需要注意的是，该文章只探讨了3D打印混凝土中的塑性收缩开裂问题，并未涉及其他可能存在的问题或挑战。此外，该文章也没有提供足够的证据来支持其所提出的主张。例如，在讨论解决方案时，作者只是简单地提到了一些可能有用的方法，但并未进行详细分析或实验验证。

此外，该文章也没有探讨任何反驳观点或可能存在的风险。这种片面报道可能会导致读者对3D打印混凝土技术产生误解或过于乐观。因此，在阅读和引用该文章时，需要谨慎考虑其局限性和不足之处，并结合其他相关研究进行综合分析和判断。

# Topics for further research:

* Other challenges in 3D printing concrete
* Evidence supporting proposed solutions
* Detailed analysis and experimental validation of solutions
* Counterarguments and potential risks
* Limitations and shortcomings of the article
* Comprehensive analysis and judgment based on other relevant research.

# Report location:

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