# Article information:

A review of the pore structure of pervious concrete: Analyzing method, characterization parameters and the effect on performance - ScienceDirect  
<https://www.sciencedirect.com/science/article/pii/S0950061822036273>

# Article summary:

1. This article reviews the pore structure of pervious concrete, including analyzing methods, characterization parameters, and effects on performance.

2. The relationship between different characterization parameters is analyzed, as well as the influencing factors of pore structure.

3. The effects of pore structure on macroscopic properties are reviewed, and future research directions are prospected.

# Article rating:

May be slightly imbalanced: The article presents the information in a generally reliable way, but there are minor points of consideration that could be explored further or claims that are not fully backed by appropriate evidence. Some perspectives may also be omitted, and you are encouraged to use the research topics section to explore the topic further.

# Article analysis:

The article provides a comprehensive review of the pore structure of pervious concrete, including analyzing methods, characterization parameters, and effects on performance. It also discusses the relationship between different characterization parameters and the influencing factors of pore structure. Furthermore, it reviews the effects of pore structure on macroscopic properties and prospects future research directions.

The article is generally reliable and trustworthy in its content and claims made. It provides a thorough overview of the topic with relevant evidence to support its claims. The sources used for evidence are credible and reliable, such as peer-reviewed journals and other scientific publications. Additionally, it presents both sides equally by discussing both positive and negative aspects of pervious concrete's pore structure. There is no promotional content or partiality present in the article either.

However, there are some points that could be improved upon in terms of trustworthiness and reliability. For example, there is no discussion about possible risks associated with using pervious concrete or any potential counterarguments to its use that could be explored further in future research directions. Additionally, some points may have been overlooked or missing from consideration when discussing the effects of pore structure on macroscopic properties such as water permeability or mechanical properties which could be addressed in more detail in future studies.

# Topics for further research:

* Pervious concrete risks
* Counterarguments to pervious concrete
* Water permeability of pervious concrete
* Mechanical properties of pervious concrete
* Influence of pore structure on macroscopic properties
* Future research directions for pervious concrete

# Report location:

<https://www.fullpicture.app/item/5c6a9660ce81e2b5ce30ef660607a20d>