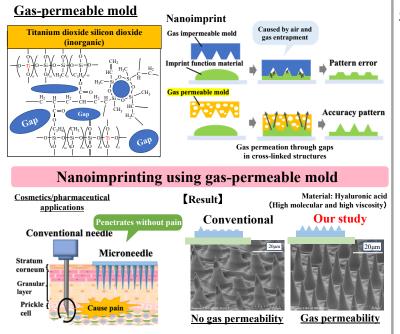
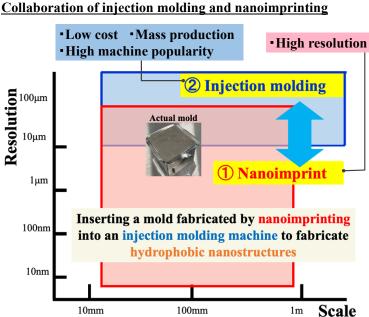


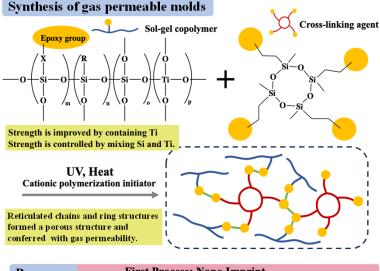
# Fabrication of Hydrophobic Nanostructures by Injection Molding Using Gas-permeable Mold

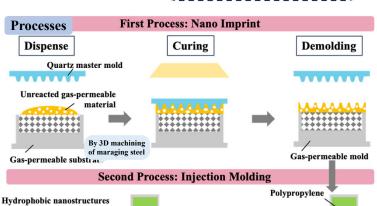
#### Back Ground

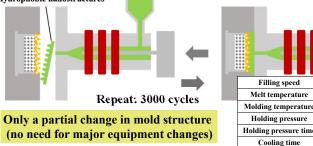




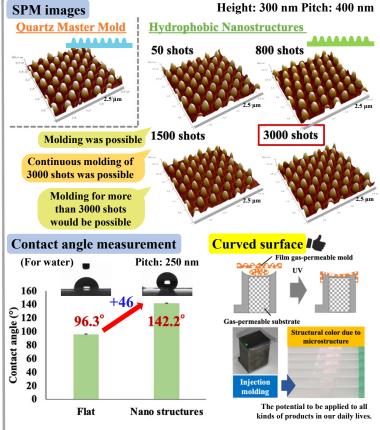
## Methods Synthesis of gas permeable molds







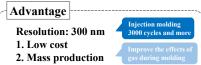
### Results



### Conclusion

Nanostructures could be fabricated 3000 times. Contact angle: +46°

We suggest advanced microfabrication technology using nanoimprint and injection molding.



17.5 mm/s

220 ℃

30 °C

20 MPa

10 s

10 s

