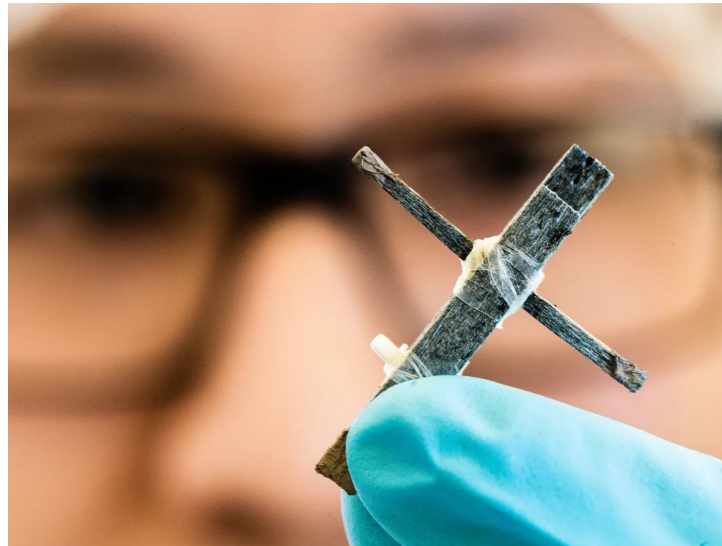


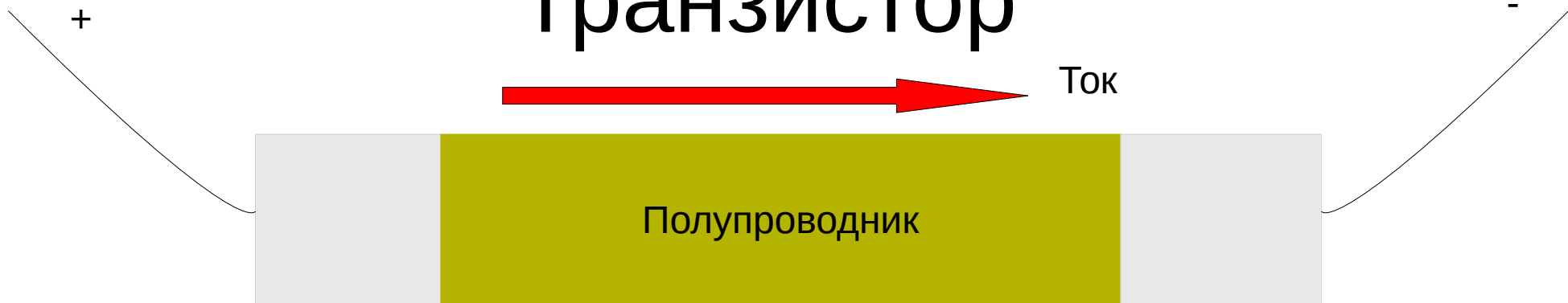
# Electrical current modulation in wood electrochemical transistor

Van Chinh Tran, Gabriella G. Mastantuoni, Marzieh Zabihpour, Lengwan Li, Lars Berglund, Magnus Berggren, Qi Zhou, and Isak Engquist



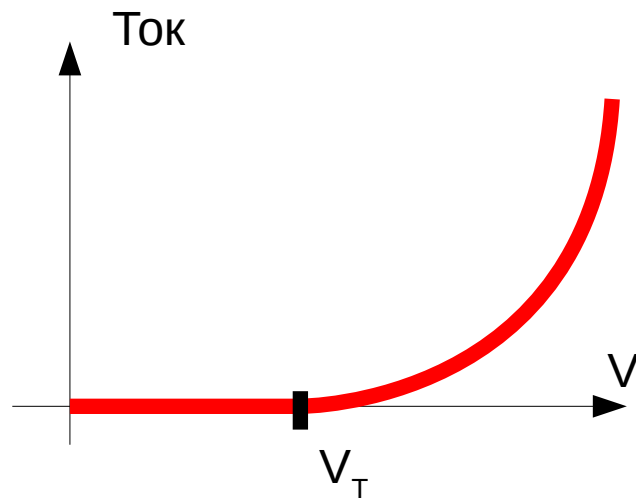
<https://doi.org/10.1073/pnas.2218380120>

# Транзистор



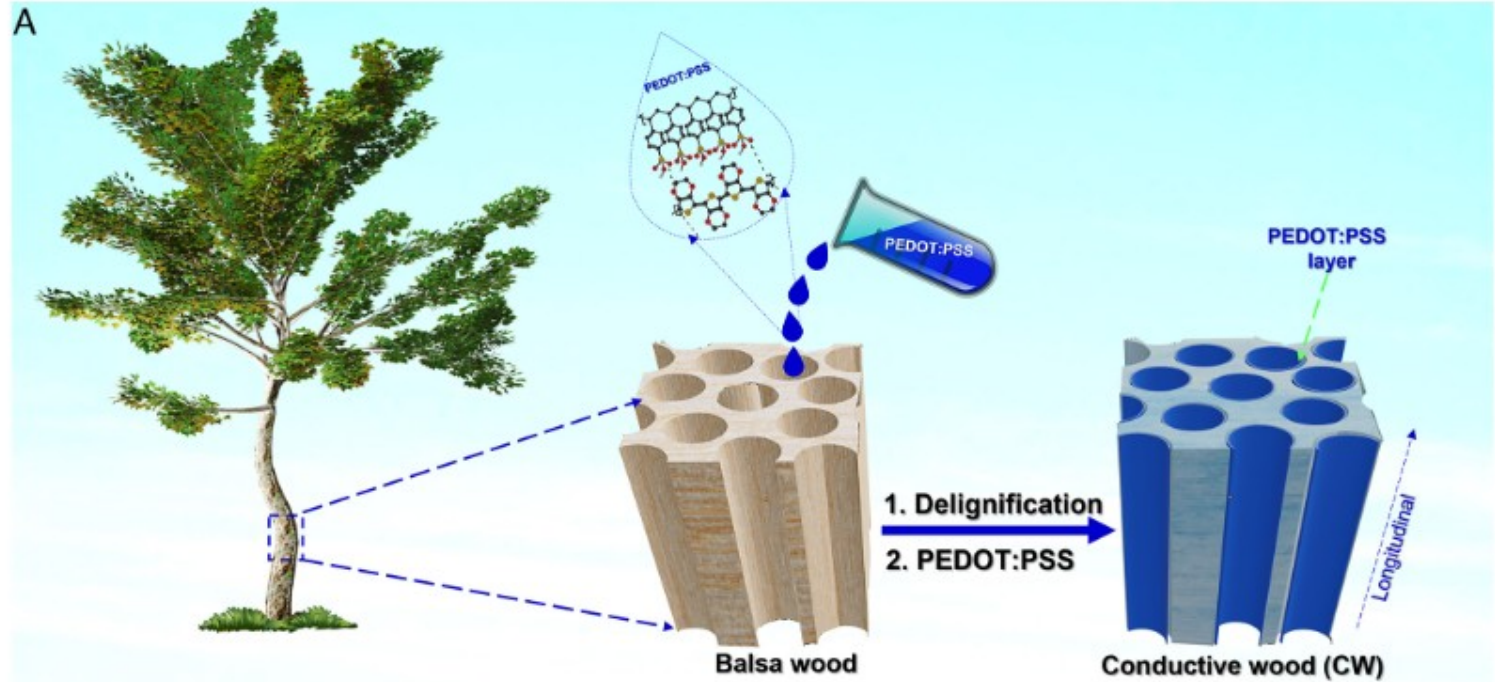
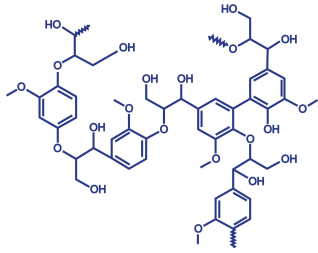
Затвор

$V$



# Wood preparation

Lignin

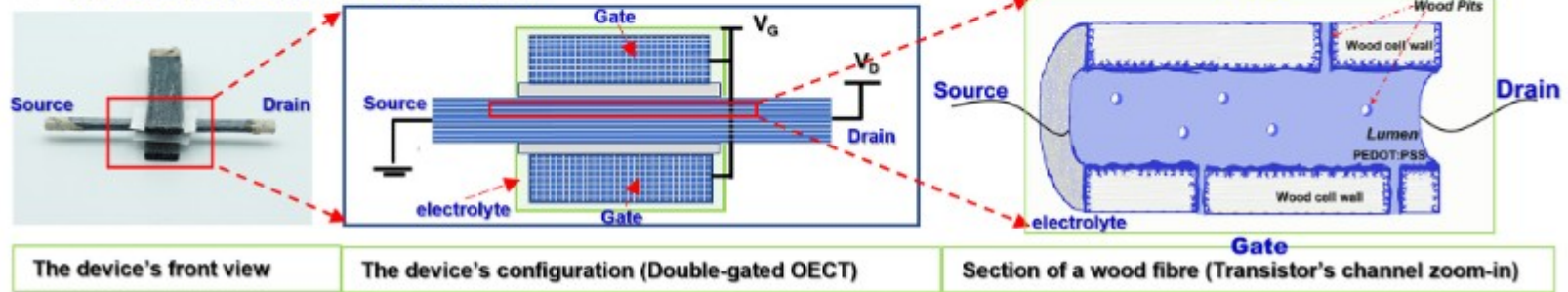


# Transistor manufacturing

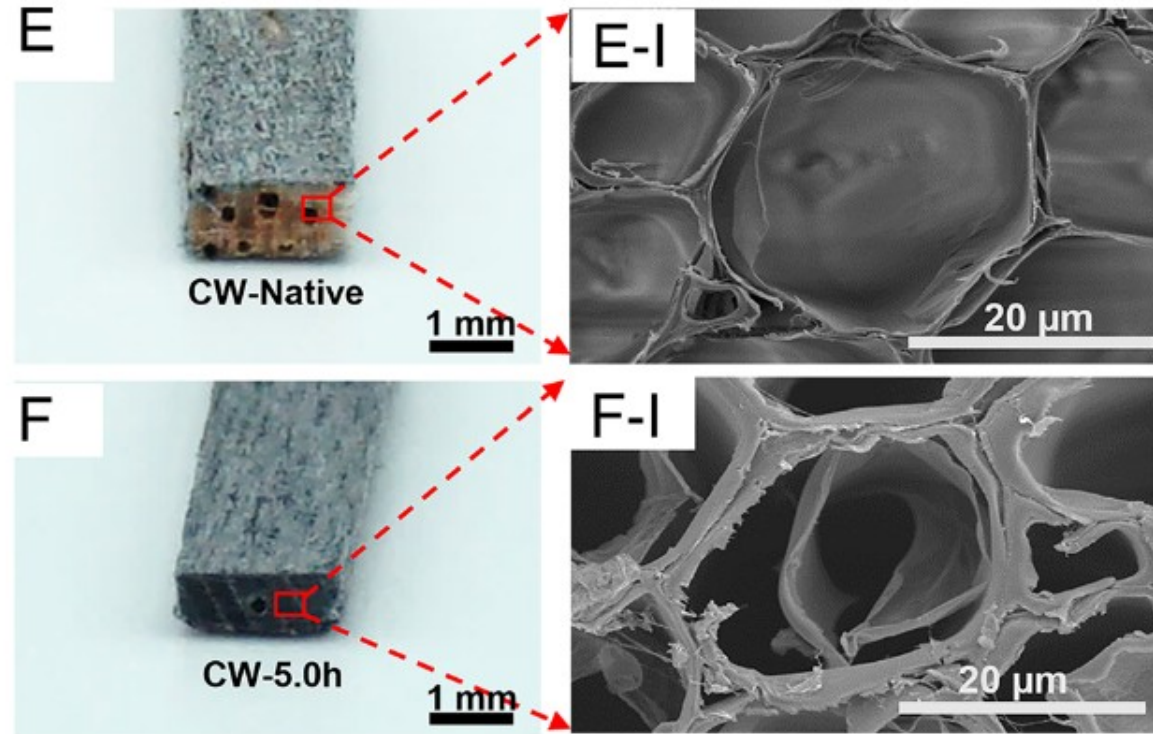
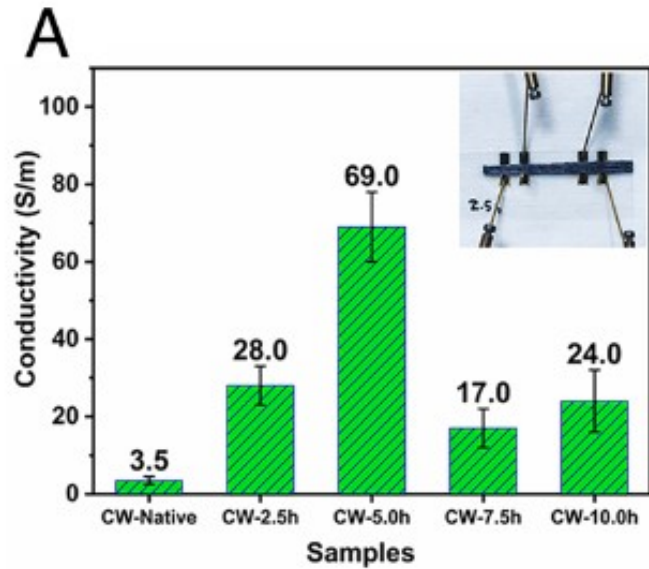
## B Wood electrochemical transistor preparation



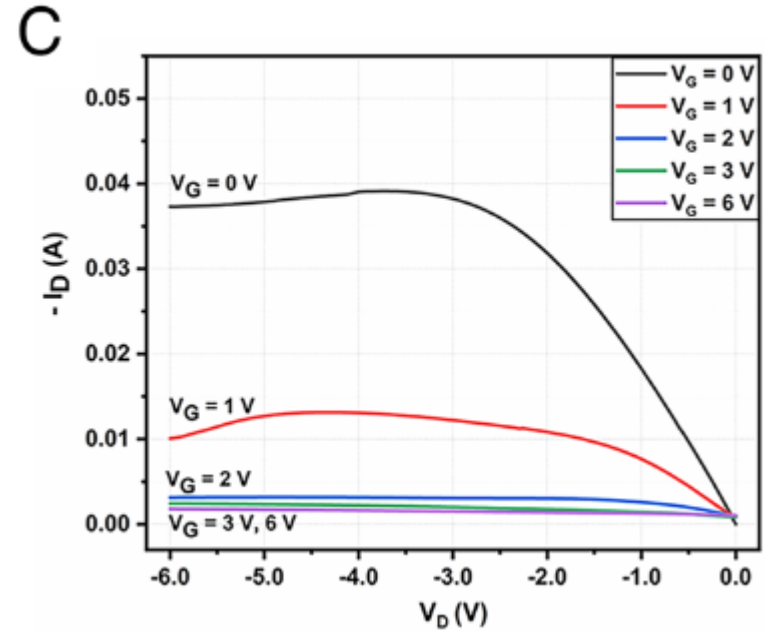
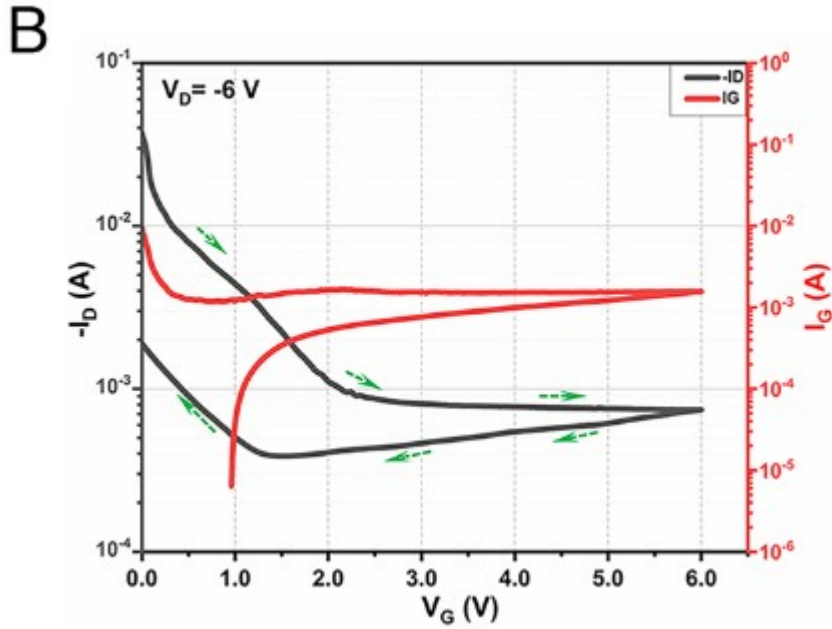
## C Wood electrochemical transistor



# Delignification



# Transistor



# Fast switching

