WILEY

Smart skin that **can respond to external stimuli** could have important

applications in medicine and robotics. Using only items found in a typical household,

researchers have created multi-sensor artificial skin that’s capable of sensing pressure,

temperature, humidity, proximity, pH, and air flow.

The flexible,

paper-based skin is layered

onto a post-it note, with

paper, aluminum foil, lint-free

wipes, and pencil lines

acting as sensing compon

ents.

Being made of recyclabl

e material s, this paper

skin presents a large number

of sensory functions in a

cheap and environmentally

friendly

way.

“Democ ratizatio n of

electron ics will be key in the

future for its continued

growth. In that regard, a

skin-type sensory platform

made with recyclable

material
s only
demons
trates

the power of human

imagination," said Prof.

Muham mad Mustafa Hussain

, senior author of the *Advance*

d

Material

s

Technol

ogies paper. “This is the first

time a singular platform shows

multi-se
nsory
function
alities

close to that of natural skin.

Additionally they are being

read or monitor ed simultan

eously like our own skin.”