

Rainbow Radiating Single-Crystal Silver Nanowire Nanoantenna

Prof. Bongsoo Kim and Min-Kyo Seo's research team has succeeded in the development of silver nanowire nanoantenna operating in the full visible range.

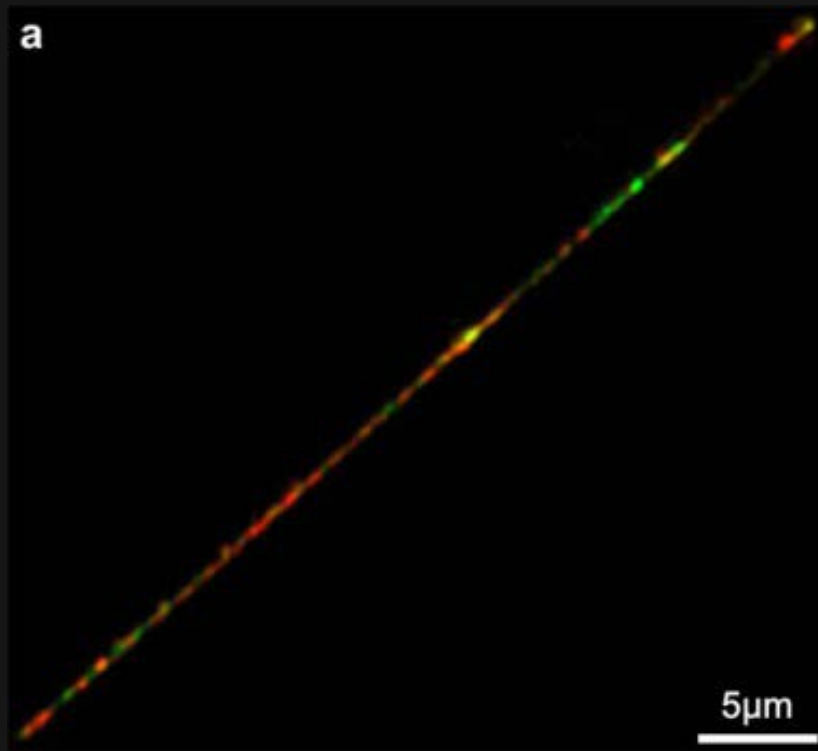



Dr. Taejoon Kang

“Defect-free perfect crystal silver nanowire is an ideal material for an optical nanoantenna. We anticipate that this nanoantenna could find diverse applications including photovoltaics, nanoimaging, and sensing” said Dr. Taejoon Kang (1st author).

The image illustrates a rainbow-like colorful radiation pattern of silver nanoantenna under white light excitation.

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