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Advanced Functional Materials

Visualization of Dopant

Oxygen Atoms in a $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}$ Superconductor

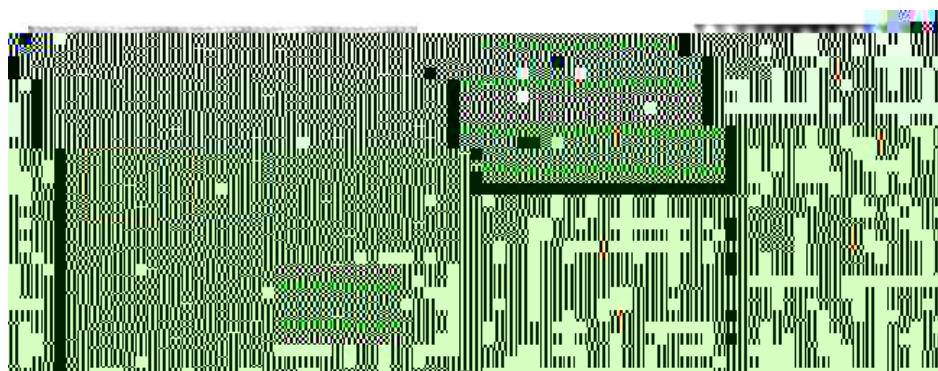
iDPC-STEM (-)

$\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}$ Bi-2212

Bi-2212

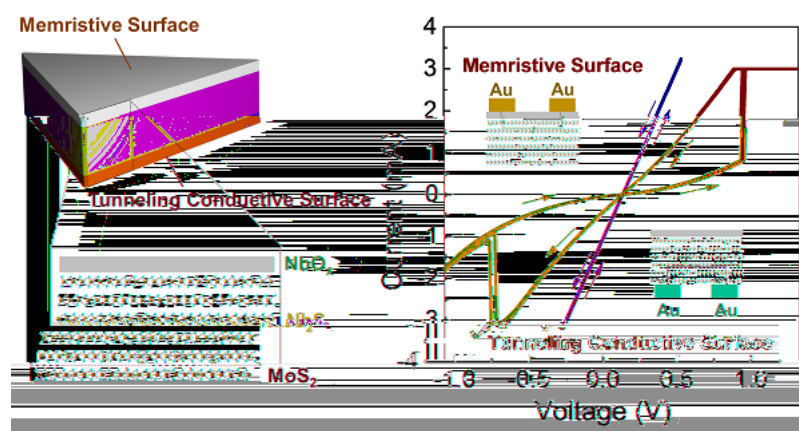
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<https://doi.org/10.1002/adfm.201903843>



Bi-2212 iDPC-STEM
(a) Bi-2212[010]

<https://pubs.acs.org/doi/10.1021/acsnano.9b06627>

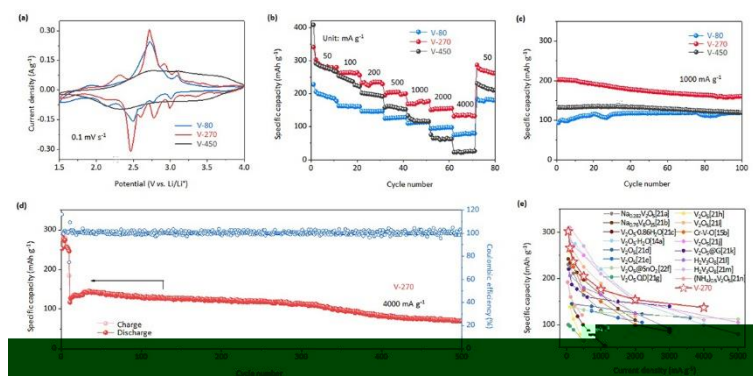


NbS2

2019 12 3 Advanced
Energy Materials “ - ”
Glass - Ceramic - Like Vanadate Cathodes for High - Rate Lithium - Ion Batteries
Nature Communications, 2017, 8: 627

2016

<https://onlinelibrary.wiley.com/doi/full/10.1002/aenm.201903411>



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WSe2/VO2

2019 12

Applied Physics Reviews IF=12.7

AIP

WSe2/VO2

Phase-transition modulated, high-performance

dual-mode photodetectors based on WSe2/VO2 heterojunctions

TMDs

TMOs

WSe2/VO2

VO2

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WSe2

Applied Physics Reviews

Featured Article

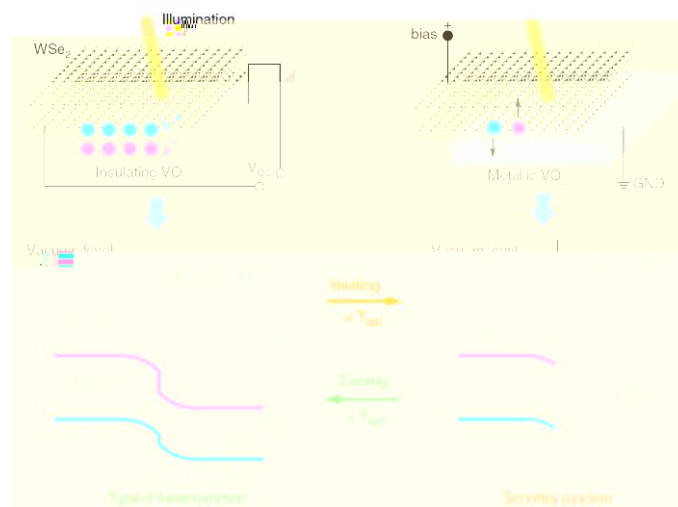
AIP

Scilight

<https://aip.scitation.org/doi/10.1063/1.5124672>

AIP Scilight

<https://aip.scitation.org/doi/10.1063/10.0000460>



WSe2/VO2

2019 12 29

Small

Transparent Electrothermal Film Defoggers and Anti-icing Coatings based on Wrinkled Graphene

1.25 h -10 2.8 h



2019

<https://onlinelibrary.wiley.com/doi/full/10.1002/sml.201905945>

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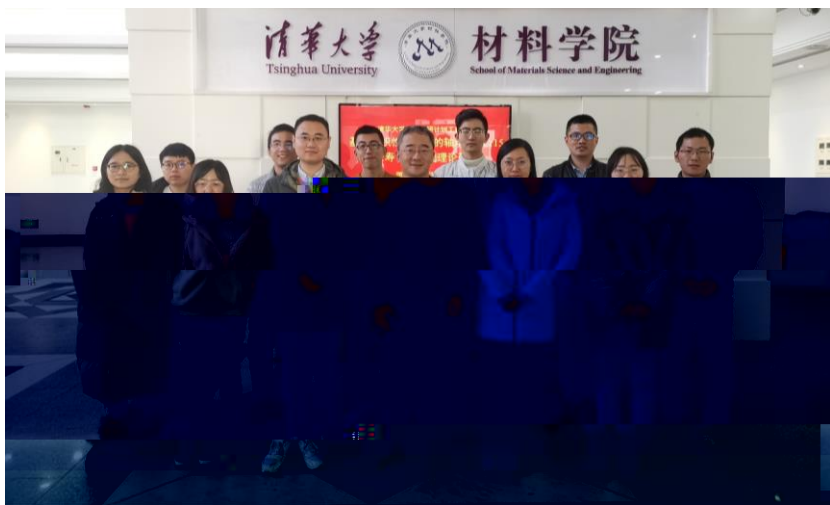


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