



TITLE	WEB LINK	CITATIONS
Consolidation of Partially Stabilized ZrO <sub>2</sub> in the Presence of a Noncontacting Electric Field	<a href="https://onlinelibrary.wiley.com/doi/10.1002/smsc.202300129">https://onlinelibrary.wiley.com/doi/10.1002/smsc.202300129</a>	Sung, Hsin-Ya; Chen, Chieh-Ting; Tseng, Yi-Tang; Chueh, Yu-Lun; Wu, Wen-Wei, Investigation of Atomic-Scale Mechanical Behavior by Bias-Induced Degradation in Janus and Alloy Polymorphic Monolayer TMDs via In Situ TEM, 2023, Small Science, 10.1002/smsc.202300129
External-field-induced crystal structure and domain texture in (1-x)Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -xK <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> piezoceramics	<a href="https://onlinelibrary.wiley.com/doi/10.1002/smsc.202300129">https://onlinelibrary.wiley.com/doi/10.1002/smsc.202300129</a>	Sung, Hsin-Ya; Chen, Chieh-Ting; Tseng, Yi-Tang; Chueh, Yu-Lun; Wu, Wen-Wei, Investigation of Atomic-Scale Mechanical Behavior by Bias-Induced Degradation in Janus and Alloy Polymorphic Monolayer TMDs via In Situ TEM, 2023, Small Science, 10.1002/smsc.202300129
Probing electron beam effects with chemoresistive nanosensors during in situ environmental transmission electron microscopy	<a href="https://academic.oup.com/mam/advance-article/doi/10.1093/micmic/ozad004/7001856">https://academic.oup.com/mam/advance-article/doi/10.1093/micmic/ozad004/7001856</a>	Srot, Vesna; Straubinger, Rainer; Predel, Felicitas; van Aken, Peter A, Preparation of High-Quality Samples for MEMS-Based In-Situ (S)TEM Experiments, 2023, Microscopy and Microanalysis, 10.1093/micmic/ozad004
In situ chemoresistive sensing in the environmental TEM: probing functional devices and their nanoscale morphology	<a href="https://academic.oup.com/mam/advance-article/doi/10.1093/micmic/ozad004/7001856">https://academic.oup.com/mam/advance-article/doi/10.1093/micmic/ozad004/7001856</a>	Srot, Vesna; Straubinger, Rainer; Predel, Felicitas; van Aken, Peter A, Preparation of High-Quality Samples for MEMS-Based In-Situ (S)TEM Experiments, 2023, Microscopy and Microanalysis, 10.1093/micmic/ozad004
Pyroelectric power generation from the waste heat of automotive exhaust gas	<a href="http://xlink.rsc.org/?DOI=C9SE00283A">http://xlink.rsc.org/?DOI=C9SE00283A</a>	Kim, Juyoung; Yamanaka, Satoru; Murayama, Ichiro; Katou, Takanori; Sakamoto, Tomokazu; Kawasaki, Takuro; Fukuda, Tatsuo; Sekino, Tohru; Nakayama, Tadachika; Takeda, Masatoshi; Baba, Masaaki; Tanaka, Hirohisa; Aizawa, Kazuya; Hashimoto, Hideki; Kim, Yoonho, Pyroelectric power generation from the waste heat of automotive exhaust gas, 2020, Sustainable Energy & Fuels, 10.1039/C9SE00283A
Dynamic observation of Joule heating-induced structural and domain transformation in smart shape-memory alloy	<a href="http://xlink.rsc.org/?DOI=C9SE00283A">http://xlink.rsc.org/?DOI=C9SE00283A</a>	Kim, Juyoung; Yamanaka, Satoru; Murayama, Ichiro; Katou, Takanori; Sakamoto, Tomokazu; Kawasaki, Takuro; Fukuda, Tatsuo; Sekino, Tohru; Nakayama, Tadachika; Takeda, Masatoshi; Baba, Masaaki; Tanaka, Hirohisa; Aizawa, Kazuya; Hashimoto, Hideki; Kim, Yoonho, Pyroelectric power generation from the waste heat of automotive exhaust gas, 2020, Sustainable Energy & Fuels, 10.1039/C9SE00283A
Preparation of High-Quality Samples for MEMS-Based In-Situ (S)TEM Experiments	<a href="http://www.sciencedirect.com/science/article/pii/S1359645420300203">http://www.sciencedirect.com/science/article/pii/S1359645420300203</a>	Karim, Abdul; Guan, Chaoshuai; Chen, Bin; Li, Yong; Zhang, Junwei; Zhu, Liu; Deng, Xia; Hu, Yang; Bi, Kaiqi; Li, Hongli; Peng, Yong; Li, Lingwei, Dynamic observation of Joule heating-induced structural and domain transformation in smart shape-memory alloy, 2020, Acta Materialia, 10.1016/j.actamat.2020.01.006
Investigation of Atomic-Scale Mechanical Behavior by Bias-Induced Degradation in Janus and Alloy Polymorphic Monolayer TMDs via In Situ TEM	<a href="http://www.sciencedirect.com/science/article/pii/S1359645420300203">http://www.sciencedirect.com/science/article/pii/S1359645420300203</a>	Karim, Abdul; Guan, Chaoshuai; Chen, Bin; Li, Yong; Zhang, Junwei; Zhu, Liu; Deng, Xia; Hu, Yang; Bi, Kaiqi; Li, Hongli; Peng, Yong; Li, Lingwei, Dynamic observation of Joule heating-induced structural and domain transformation in smart shape-memory alloy, 2020, Acta Materialia, 10.1016/j.actamat.2020.01.006