Special Issue on Towards High Performance Ga_2O_3 Electronics: Epitaxial Growth and Power Devices (I)

Guest editors: Genquan Han, Shibing Long, Yuhao Zhang, Yibo Wang, and Zhongming Wei

■ COMMENTS AND OPINIONS

060301	Heterogeneous integration technology for the thermal management of Ga ₂ O ₃
	power devices

[3 pages] Genquan Han, Tiangui You, Yibo Wang, Zheng-Dong Luo, Xin Ou, and Yue Hao

■ EDITORIAL

O60101 Preface to Special Issue on Towards High Performance Ga_2O_3 Electronics: Epitaxial Growth and Power Devices (I)

[3 pages] Genquan Han, Shibing Long, Yuhao Zhang, Yibo Wang, and Zhongming Wei

■ REVIEWS

061801	A comprehensive review of recent progress on enhancement-mode β -Ga $_2$ O $_3$ FETs: Growth, devices and properties
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061802	Recent advances in NiO/Ga ₂ O ₃ heterojunctions for power electronics
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■ ARTICLES

062801	Homoepitaxial growth of (100) Si-doped β -Ga $_2$ O $_3$ films via MOCVD
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062802	Exploring heteroepitaxial growth and electrical properties of α -Ga $_2$ O $_3$ films on differently oriented sapphire substrates
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O62806 Preparation and photodetection performance of high crystalline quality and large size β -Ga₂O₃ microwires

[5 pages] Yuefei Wang, Yurui Han, Chong Gao, Bingsheng Li, Jiangang Ma, Haiyang Xu, Aidong Shen, and Yichun Liu