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3. W.-y. So, J.M. Wikberg, D.V. Lang, O. Mitrofanov, C.L. Kloc, T. Siegrist, A.M. Sergent, and A.P. Ramirez, 'Mobility-independent doping in crystalline rubrene field-effect transistors', *Solid State Comm.* 142, 483 (2007).
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9. O. Mitrofanov, A. Gasparyan, L. N. Pfeiffer, and K. W. West, 'Electro-optic effect in an unbalanced AlGaAs/GaAs microresonator', *Appl. Phys. Lett.* 86, 202103 (2005).
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11. O. Mitrofanov, and M. Manfra, 'Dynamics of trapped charge in GaN/AlGaIn/GaN high electron mobility transistors grown by plasma-assisted MBE', *Appl. Phys. Lett.* 84, 422 (2003).
12. M.J. Manfra, N.G. Weimann, O. Mitrofanov, and 'High power GaN/AlGaIn/GaN HEMTs operating at 2 to 25 GHz grown by plasma-assisted MBE', *Physica Status Solidi A* 200, 175 (2003).
13. O. Mitrofanov, and M. Manfra, 'Mechanisms of gate lag in GaN/AlGaIn/GaN high electron mobility transistors', *Superlattices and Microstructures* 34, 33 (2003).
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