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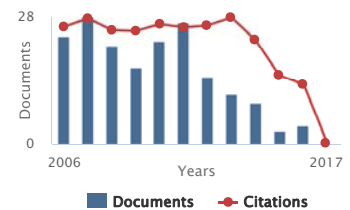
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High mobility SnO2 TFT for display and future IC	Chin, A., Shih, C.W., Lu, C.F., Su, W.F.	2016	Proceedings of AM-FPD 2016 - 23rd International Workshop on Active-Matrix Flatpanel Displays and Devices: TFT Technologies and FPD Materials	0
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Extremely high mobility ultra-thin metal-oxide with ns ² np ² configuration	Shih, C.W., Chin, A., Lu, C.-F., Yi, S.H.	2016	Technical Digest - International Electron Devices Meeting, IEDM	0
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Nanoscale potential fluctuation in non-stoichiometric HfOx and low resistive transport in RRAM	Kruchinin, V.N., Aliev, V.Sh., Perevalov, T.V., (...), Cheng, C.H., Chin, A.	2015	Microelectronic Engineering	2
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Charge transport in amorphous Hf0.5Zr0.5O2	Islamov, D.R., Perevalov, T.V., Gritsenko, V.A., Cheng, C.H., Chin, A.	2015	Applied Physics Letters	4
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Low-leakage-current DRAM-like memory using a one-transistor ferroelectric MOSFET with a Hf-based gate dielectric	Cheng, C.-H., Chin, A.	2014	IEEE Electron Device Letters	21
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High-gain DR circular patch on-chip antenna based on standard CMOS technology for millimeter-wave applications	Wang, Y.-B., Liu, J.-Q., Li, J.L.-W., Chin, A.	2014	IEEE IWEM 2014 - IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition	0
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Performance comparison of titanium-oxide resistive switching memories using GeOx and AlOx capping layers for flexible application	Chou, K.-I., Cheng, C.-H., Chin, A.	2014	Japanese Journal of Applied Physics	0
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Investigation of a miniature and high gain on-chip v band microstrip antenna	Xie, L.-Y., Liu, J.-Q., Wang, Y.-B., (...), Li, J.L.-W., Kang, K.	2014	Progress in Electromagnetics Research Symposium	0
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Current uniformity improvement in flexible resistive memory	Zheng, Z.-W., Cheng, C.-H., Chou, K.-I., Liu, M., Chin, A.	2013	2013 IEEE International Conference of Electron Devices and Solid-State Circuits, EDSSC 2013	0
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A low operating voltage IGZO TFT using LaLuO ₃ gate dielectric	Chou, K.-I., Hsu, H.-H., Cheng, C.-H., (...), Li, S.-R., Chin, A.	2013	2013 IEEE International Conference of Electron Devices and Solid-State Circuits, EDSSC 2013	1
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Evolution of the conductivity type in germania by varying the stoichiometry	Islamov, D.R., Gritsenko, V.A., Cheng, C.H., Chin, A.	2013	Applied Physics Letters	0
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