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Current feedback neural amplifier with real time electrode offset suppression	Mirza, K.B., Kulasekeram, N., Toumazou, C.	2017	Midwest Symposium on Circuits and Systems 2017-August,8053114, pp. 1077-1080	0

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Novel pH sensing semiconductor for point-of-care detection of HIV-1 viremia Open Access	Gurralla, R., Lang, Z., Shepherd, L., (...), Toumazou, C., Cooke, G.S.	2016	Scientific Reports 6,36000	10
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