

## References

- [1]. K. Sogai *et al.*, *ECS Journal of Solid-State Science and Technology*, **10** (2021) 065006.
- [2]. T. Saito *et al.*, *Journal of Vacuum Science & Technology A*, **40** (2020) 0424 06-6.
- [3]. T. Singh *et al.*, *Advanced Functional Materials*, **28** (2018) 1706287.

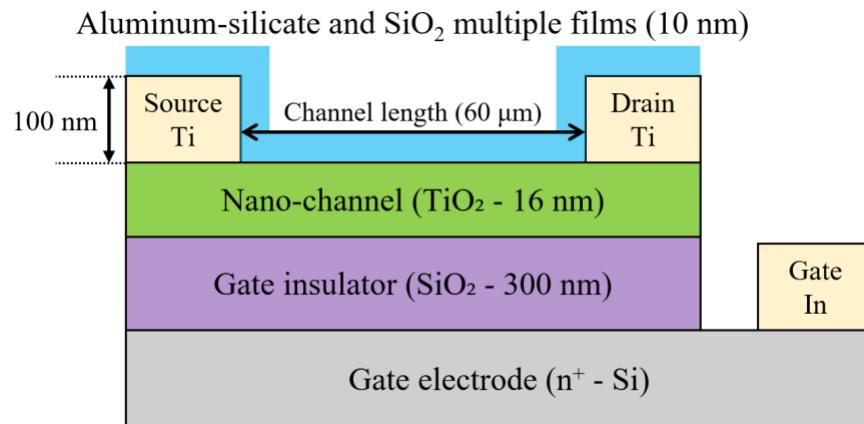


Fig.1 Schematic of  $\text{TiO}_2$ -TFT with aluminum-silicate and  $\text{SiO}_2$  multiple films.

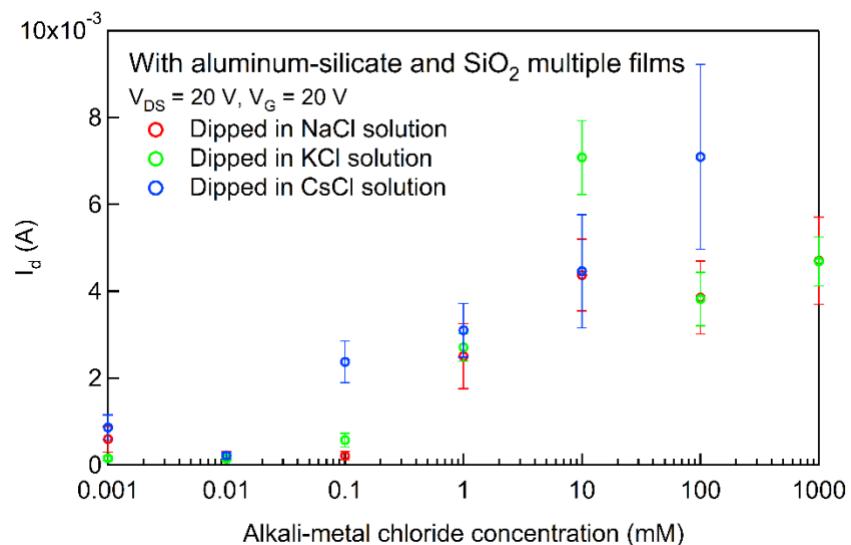


Fig.2 Correlation between alkali-metal chloride concentration and drain current.

$\text{TiO}_2$ -TFT with aluminum-silicate and  $\text{SiO}_2$  multiple films.