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## PUBLICATIONS & OTHER RESEARCH OUTPUTS

### Publications in refereed journals and proceedings of International Conferences

#### 2018-2021

- [1] Vasileiadis, N., Loukas, P., Karakolis, P., Ioannou-Soulieridis, V., Normand, P., Ntinas, V., Fyrigos, I.-A., Karafyllidis, I., Sirakoulis, G.C., Dimitrakis, P., Multi-level resistance switching and random telegraph noise analysis of nitride based memristors, *Chaos, Solitons and Fractals*, 153, art. no. 111533, 2021.
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- [3] Vasileiadis, N., Karakolis, P., Mandylas, P., Ioannou-Soulieridis, V., Normand, P., Perego, M., Komninou, P., Ntinas, V., Fyrigos, I.-A., Karafyllidis, I., Sirakoulis, G.C., Dimitrakis, P., *Understanding the Role of Defects in Silicon Nitride-Based Resistive Switching Memories through Oxygen Doping*, *IEEE Transactions on Nanotechnology* 20, 356 – 364, 2021
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- [5] Karakolis, P., Normand, P., Dimitrakis, P., Sygelou, L., Ntinas, V., Fyrigos, I.A., Sirakoulis, G.C., *Plasma modified silicon nitride resistive switching memories*. 2019 IEEE/ACM International Symposium on Nanoscale Architectures (NANOARCH), pp. 1-2, 2019.

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- [9] L. Khomenkova, P. Normand, F. Gourbilleau, A. Slaoui, C. Bonafos, *Optical, structural and electrical characterizations of stacked Hf-based and silicon nitride dielectrics*, *Thin Solid Films* 617, 143-149, 2016.
- [10] N. Nikolaou, P. Dimitrakis, P. Normand, T. Speliotis, K. Kukli, J. Niinistö, K. Mizohata, M. Ritala, M. Leskelä, V. Ioannou-Sougleridis, *MANOS performance dependence on ALD Al<sub>2</sub>O<sub>3</sub> oxidation source*, *Microelectronic Engineering* 159, 127-131, 2016.
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### **Book chapters in collective volumes**

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### **Publications of conference proceedings (Guest Editor)**

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