

**LIST OF ALL SCIENTIFIC PEER REVIEWED PUBLICATIONS RELATING TO THE FOREGROUND OF THE PROJECT
BY NANONETS2SENSE PARTNERS M1-M18**

Publications can be: Article in Journal, Publication in Conference/Workshop Proceedings, Chapter in a Book, Thesis/Dissertation

No.	Title	Main author, Partners involved	Title of the Journal/ Proceedings/ Book...	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	ISBN	Permanent identifiers (if available) DOI
1	Comprehensive study of hydrothermally grown ZnO nanowires	T. Demes, C. Ternon, D. Riassetto, V. Stambouli and M. Langlet : GINP	Journal of Materials Science	Volume 51, Issue 23	Springer		August 12, 2016	pp 10652-10661		DOI 10.1007/s10853-016-0287-8
2	Mechanisms involved in the hydrothermal growth of ultra-thin and high aspect ratio ZnO nanowires	T. Demes, C. Ternon, F. Morisot, D. Riassetto, M. Legallais, H. Roussel, M. Langlet : GINP	Applied Surface Science	Vol. 410	Elsevier		March 10, 2017	423-431		https://doi.org/10.1016/j.apsusc.2017.03.086
3	Toward the integration of Si nanonets into FETs for biosensing applications	M. Legallais, T. T. T. Nguyen, M. Mouis, B. Salem and C. Ternon: GINP	2017 Joint International EUROSIOI Workshop and International Conference on Ultimate Integration on Silicon (EUROSIOI-ULIS)		IEEE Xplore	Athens, Greece	April 3-5, 2017	231-234	978-1-5090-5313-1	DOI: 10.1109/ULIS.2017.7962570
4	Electrical characterization of percolating silicon nanonet FETs for sensing applications	T. Cazimajou, M. Legallais, M. Mouis, C. Ternon, B. Salem and G. Ghibaudo: GINP	2017 Joint International EUROSIOI Workshop and International Conference on Ultimate Integration on Silicon (EUROSIOI-ULIS)		IEEE Xplore	Athens, Greece	April 3-5, 2017	23-26	978-1-5090-5313-1	DOI: 10.1109/ULIS.2017.7962591
5	Croissance, assemblage et intégration collective de nanofils de ZnO : Application à la biodétection	T. Demes: GINP	PhD Thesis, Communauté Université Grenoble Alpes				March 17, 2017			

6	Fonctionnalisation de nanonets de ZnO, pour la détection électrique d'ADN sans marquage, validée par détection de fluorescence	F. Morisot: GINP	Master Thesis Université Bourgogne-Franche Comté				2016			
7	Nanonets de ZnO pour la détection électrique d'acétone	F. Morisot: GINP	Dissertation ESIREM Dijon				2016			