

	Title	Main author	Title of the periodical or the series	Nº	Publisher	Year	Pages	Permanent identifier (doi)	open access?
1	Thermal test of an improved platform for Silicon Nanowire-based thermoelectric micro-generators	C. Calaza	J. of Electronic Materials	45(3)	Springer	2016	1689-1694	10.1007/s11664-015-4168-8	yes
2	Challenges and perspectives in tandem thermoelectric-photovoltaic solar energy conversion	D. Narducci	IEEE Transactions on Nanotechnology	15(3)	IEEE	2016	348-355	10.1109/TNANO.2016.2524680	
3	Selective area growth of high quality ZnO nanosheets assisted by patternable AlN seed layer for wafer level integration	G. Murillo	<i>Cryst. Growth & Design</i>	16(9)	ACS	2016	5059-5066	10.1021/acs.cgd.6b00661	yes
4	Editorial note	L. Fonseca	Energy Harvesting and Systems	3(4)	De Gruyter	2016	263-263	10.1515/ehs-2016-0025	No
5	Smart integration of silicon nanowire arrays in all-silicon thermoelectric micro-nanogenerators	L. Fonseca	Semiconductor Science and Technology	31	IOP	2016	084001 (11pp)	10.1088/0268-1242/31/8/084001	yes
6	Effect of the Annealing on the Low-Temperature Charge Transport Properties of Heavily Boron-Doped Nanocrystalline Silicon Films for Thermoelectric Applications	L. Zulian	Energy Harvesting and Systems	3(4)	De Gruyter	2016	329-333	10.1515/ehs-2016-0012	No
7	Power response of a planar thermoelectric microgenerator based on silicon nanowires at different convection regimes	M. Salleras	Energy Harvesting and Systems	3(4)	De Gruyter	2016	335-342	10.1515/ehs-2016-0019	Yes

	Type of activity	Main leader	Title	Date	Place	Type of audience ⁵	Size of audience	Countries addressed
1	Conference	L. Belsito (CNR)	Micro thermoelectric generators based on silicon nanowires fabricated by top-down and bottom-up technologies	21-25/02/2016	EMN Meeting on Thermoelectric Materials, Orlando	Scientific Community		International
2	Conference	L. Fonseca (CSIC)	Smart integration of Si NWs arrays in all-silicon thermoelectric micromanogenerators	9-10/3/2016	Smart Systems Integration, Munich	Scientific and industrial community		International
3	Conference	A. Sepulveda (IMEC)	3D structuring of thin film solid state batteries for high power demanding applications	24-25/03/2016	International Conference on Lithium Batteries, Miami	Scientific Community	30	International
4	Conference	G. Murillo (CSIC)	Multifrequency effects in Piezoresponse Force Microscopy	30/3/2016-1/4/2016	6 th Multifrequency AFM conference, Madrid	Scientific and industrial community		International
5	Conference	C. Calaza (CSIC)	Integration path for an all silicon MEMS based thermoelectric microgenerator	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
6	Conference	G. Gadea (IREC)	Silicon nanowires for thermoelectric harvesting applications: growth, integration and characterization	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
7	Conference	G. Murillo (CSIC)	Selective growth of ZnO nanosheets and their application in piezoelectric and triboelectric energy harvesting devices	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
8	Conference	L. Belsito (CNR)	Top-down fabrication of high density nanowire arrays for applicaton in thermoelectric micro-enegy conversion devices	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
9	Conference	L. Zulian (UNIMIB)	Effect of the annealing on the thermoelectric properties of heavily boron doped silicon films	4-6/5/2016	2016 Spring E-MRS Meeting, Lille (France)	Scientific Community		International
10	Conference	N. Labyedh (imec)	Lithium-Titanate Thin Films by Solid State Reaction as Electrode Material for Lithium-ion Batteries	2-6/05/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
11	Conference	P. Vereecken (imec)	Paving the way towards solid-state 3D thin-film Li-ion batteries	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
12	Conference	R.Trocoli (IREC)	Electrochemical Performance of Materials with high interest in lithium-	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International

			ion batteries prepared by Pulsed Laser Deposition					
13	Conference	R. van Schaijk (IMEC-NL)	Reliability improvements of an electrostatic energy harvester for TPMS	2-6/5/2016	European MRS Meeting, Lille	Scientific and industrial community	50-60	International
14	Conference	G.Murillo (CSIC)	Smart materials for embryonic neural development-Preliminary results	17-22/5/ 2016	10th World Biomaterial Congress, Montreal, Canada	Scientific Community		International
15	Conference	D. Narducci (UNIMIB)	<i>Efficiency Enhancement of Hybrid Solar Harvesters by Radiative Coupling between Photovoltaic and Thermoelectric Stage</i>	29-2/6/2016	<i>2016 International Conference on Thermoelectrics, Wuhan (China)</i>	<i>Scientific Community</i>	800	<i>International</i>
16	Conference	M. Salleras (CSIC)	Power response of planar microgenerators with different lengths of silicon nanowires	29-2/6/2016	ICT/ACT 2016, Wuhan	Scientific Community	40	International
17	Conference	L. Fonseca (CSIC)	SiNERGY: Silicon friendly solutions for microenergy applications	22-24/6/2016	Industrial Technologies 2016	Scientific and industrial community	300	European
18	Conference	L. Fonseca (CSIC)	The frontiers of micro energy harvesting in materials and applications from space to earth to humans	22-24/6/2016	Industrial Technologies 2016	Scientific and industrial community	50	European
19	Conference	C. Calaza (CSIC)	Enhanced Platforms for Si NWs based Thermoelectric Generators	20-24/09/2016	ECT, Lisbon	Scientific Community		International
20	Conference	D. Narducci (UNIMIB)	<i>Phonon filtering in silicon: the combined effect of internal surfaces and voids</i>	20-24/09/2016	<i>2016 European Conference on Thermoelectrics, Lisboa (Portugal)</i>	<i>Scientific Community</i>	300	<i>International</i>
21	Conference	D. Narducci (UNIMIB)	<i>Forging the impossible - the route to efficiency in thermoelectricity</i>	28/9-1/10/2016	<i>Zing Conference, Dubrovnik (Croatia)</i>	<i>Scientific Community</i>	50	<i>International</i>
22	Conference	N. Labyedh (IMEC)	Novel Method for Conformal LiMn2O4 thin Films Fabrication on Planar and 3D Microstructure Substrates	2/10/2016	ECS meeting PRIME 2016, Honolulu, Hawaii	Scientific Community		International
23	Conference	P. M. Vereecken (IMEC)	3D Structuring of Thin Film Solid State Li-Ion Cells for Fast Charging Micro-Batteries	2/10/2016	ECS meeting PRIME 2016, Honolulu, Hawaii	Scientific Community		International
24	Conference	C. Calaza (CSIC)	Optimization Of Power Output In Planar Thermoelectric Microgenerators Based On Si Nanowires	6-9 / 12/2016	16th International Conference on Micro and Nanotechnology for Power Generation and Energy Conversion Applications -- PowerMEMS 2016	Scientific Community	-	International