

No.	Authors	Title	Journal	Year	Volume, Page
1	Thi Cuc Than, Bao Thoa Bui, Benjamin Wegmuller, Minh Hieu Nguyen, Lam Huong Hoang Ngoc, Van Diep Bui, Quoc Hung Nguyen, Chi Hieu Hoang, Thuat Nguyen-Tran	Optical Study of Cuprous Oxide and Ferric Oxide Based Materials for Applications in Low Cost Solar Cells	Journal of Electronic Materials	2016	Vol.45(5), pp.2407-2414
2	Bao Thoa Bui, Bao An Tran Dang, Thi Cuc Than, Minh Hieu Nguyen, Lam Huong Hoang Ngoc, Van Diep Bui, Quoc Hung Nguyen, Van Thanh Pham, Chi Hieu Hoang, Thuat Nguyen-Tran	Optimization of Synthesis of ZnO:Al as n-Type Transparent Conductive Layer for Oxide-Semiconductor-Based Solar Cells	Journal of Electronic Materials	2016	Vol.45(5), pp.2442-2448
3	Hoang Luong Nguyen, Hoang Nam Nguyen, Hoang Hai Nguyen, Manh Quynh Luu and Minh Hieu Nguyen	Nanoparticles: synthesis and applications in life science and environmental technology	Advances in Natural Sciences: Nanoscience and Nanotechnology	2015	Vol.6, pp.015008
4	H.Q. Nguyen, M. Meschke, J.P. Pekola	A robust platform cooled by superconducting electronic refrigerators	Applied Physics Letters	2015	Vol.106, pp.012601
5	H. Q. Nguyen, S. M. Hollen, J. Shainline, J. M. Xu, J. M. Valles, Jr.	Disorder influences the quantum critical transport at a superconductor-to-insulator transition	Physical Review B	2015	Vol.92, pp.140501
6	D. Gunnarsson, J. S. Richardson-Bullock, M. J. Prest, H. Q. Nguyen, A. V. Timofeev, V. A. Shah, T. E. Whall, E. H. C. Parker, D. R. Leadley, M. Myronov, M. Prunnila	Interfacial Engineering of Semiconductor–Superconductor Junctions for High Performance Micro-Coolers	Scientific Reports	2015	Vol.5, pp.17398
7	Luu Manh Quynh, Nguyen Hoang Nam, K. Kong, Nguyen Thi Nhung, I. Notingher, M. Henini, Nguyen Hoang Luong	Surface-enhanced Raman spectroscopy study of 4-ATP on gold nanoparticles for basal cell carcinoma fingerprinted detection	Journal of Electronic Materials	2015	Vol.45(5), pp.2563-2568
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9	Tan Phan Van, Hiep Van Nguyen, Long Trinh Tuan, Trung Nguyen Quang, Thanh Ngo-Duc, Patrick Laux, and Thanh Nguyen Xuan	Seasonal prediction of surface air temperature across Vietnam using the regional climate model version 4.2 (RegCM4.2)	Advances in Meteorology	2014	Vol.2014, pp.245104

10	Nguyen Hoang Nam, Duong Thi Mai Huong and Nguyen Hoang Luong	Synthesis and magnetic properties of perovskite La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> nanoparticles	IEEE Transactions on Magnetics	2014	Vol.50(6), pp.2503104
11	T. Aref, A. Averin, S. van Dijken, A. Ferring, M. Koberidze, V. F. Maisi, H.Q. Nguyen, R.M. Nieminen, J. P. Pekola, L. D. Yao	Characterization of aluminum oxide tunnel barriers by combining transport measurements and transmission electron microscopy imaging	Journal of Applied Physics	2014	Vol.116, pp. 073702
12	H.Q. Nguyen, M. Meschke, H. Courtois, J.P. Pekola	Sub-50-mK electronic cooling with large-area superconducting tunnel junctions	Physical Review Applied	2014	Vol.2, pp. 054001
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