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Groupe d'Étude  
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## PUBLICATIONS OEN 2010

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- J. Laverdant, S. Buil, J-P. Hermier and X. Quélin, "*Near-field intensity correlations on nanoscaled random silver/dielectric films*", J. Nanophotonics **4**, 049505 (2010) - <http://dx.doi.org/10.1117/1.3506519>

- C. Vion, P. Spinicelli, L. Coolen, C. Schwob, J-M. Frigerio, J-P. Hermier and A. E. Maitre, "*Controlled modification of single colloidal CdSe/ZnS nanocrystal fluorescence through interactions with a gold surface*", Optics Express **18**, 7440 (2010) - <http://dx.doi.org/10.1364/OE.18.007440>

- F. Pisanello, L. Martiradonna, P. Spinicelli, A. Fiore, J-P. Hermier, L. Manna, R. Cingolani, E. Giacobino, M. De Vittorio, A. Bramati, "*Dots in rods as polarized single photon sources*", Superlattices and Microstructures **47**, 165 (2010) - <http://dx.doi.org/10.1016/J.SPMI.2009.06.009>

- I. Mallek-Zouari, S. Buil, X. Quélin, B. Mahler, B. Dubertret and J-P. Hermier, "*Plasmon assisted single photon emission CdSe/CdS nanocrystals deposited on random gold film*", Appl. Phys. Lett. **97**, 053109 (2010) - <http://dx.doi.org/10.1063/1.3467264>

- F. Pisanello, L. Martiradonna, G. Lemenager, P. Spinicelli, A. Fiore, L. Manna, J-P. Hermier, R. Cingolani, E. Giacobino, M. De Vittorio, A. Bramati, "*Room temperature-dipolelike single photon source with a colloidal dot-in-rod*", Appl. Phys. Lett. **96**, 033101 (2010) - <http://dx.doi.org/10.1063/1.3291849>

- A. Quattieri, G. Morello, P. Spinicelli, M. T. Todaro, T. Stomeo, L. Martiradonna, M. de Giorgi, X. Quélin, S. Buil, A. Bramati, J-P. Hermier, R. Cingolani and M. De Vittorio, "*Room temperature single-photon sources based on single colloidal nanocrystals in microcavities*", Superlattices and Microstructures **47**, 187 (2010) - <http://dx.doi.org/10.1016/J.SPMI.2009.05.004>