

# Stanford

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## Maryann Tung

Ph.D. Student in Electrical Engineering, admitted Autumn 2013

### Publications

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#### PUBLICATIONS

- **Mascaras do Bem: An analysis of face-mask performance from a volunteer mask-making initiative in Ribeirao Preto, Brazil.** *Public health in practice (Oxford, England)*  
Leite, K. F., Cheng, K., Kumar, S., Chayamiti, E. M., Costa, M., Tung, M. C., Morejon, K. M., Salomao, C. H., Lopes, S. C., Pacini, H.  
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- **Self-assembly for electronics** *MRS BULLETIN*  
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- **Construction and validation of UV-C decontamination cabinets for filtering facepiece respirators** *APPLIED OPTICS*  
Purschke, M., Elsamaloty, M., Wilde, J. P., Starr, N., Anderson, R., Farinelli, W. A., Sakamoto, F. H., Tung, M., Tam, J., Hesselink, L., Baer, T. M.  
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- **Density Driven Placement of Sub-DSA resolution assistant features (SDRAFs)**  
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- **Design method and algorithms for directed self-assembly aware via layout decomposition in sub-7 nm circuits** *JOURNAL OF MICRO-NANOLITHOGRAPHY MEMS AND MOEMS*  
Karageorgos, I., Ryckaert, J., Gronheid, R., Tung, M. C., Wong, H. P., Karageorgos, E., Croes, K., Bekaert, J., Vandenberghe, G., Stucchi, M., Dehaene, W.  
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- **Variability of Graphene Mobility and Contacts: Surface Effects, Doping and Strain** *72nd Annual Device Research Conference (DRC)*  
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