

Publications for Vien Huynh

2019

Wang, B., Zhu, Y., Huynh, V., Rahman, M., Hawke, B., Sriram, S., Dao, D. (2019). Palladium nanofiber networks hydrogen sensor and hydrogen-actuated switches. *5th International Conference on Sustainable Design and Manufacturing (SDM 2018)*, Gold Coast: Springer. [More Information]

Nguyen, D., Huynh, V., Pham, T., Pham, B., Serelis, A., Davey, T., Such, C., Hawke, B. (2019). SPION-decorated nanofibers by RAFT-mediated free radical emulsion polymerization-induced self assembly. *Macromolecular Rapid Communications*, 40(2), 1800402. [More Information]

2018

Hussein, M., Huynh, V., Hommelsheim, R., Koenigs, R., Nguyen, T. (2018). An efficient method for retro-Claisen-type C-C bond cleavage of diketones with tropylium catalyst. *Chemical Communications*, 54(92), 12970-12973. [More Information]

Pham, B., Nguyen, D., Huynh, V., Pan, E., Shirodkar-Robinson, B., Carey, M., Serelis, A., Warr, G., Davey, T., Such, C., Hawke, B. (2018). Aqueous polymeric hollow particles as an opacifier by emulsion polymerization using macro-RAFT amphiphiles. *Langmuir*, 34(14), 4255-4263. [More Information]

2016

Nguyen, D., Pham, B., Huynh, V., Kim, B., Pham, T., Bickley, S., Jones, S., Serelis, A., Davey, T., Such, C., Hawke, B. (2016). Monodispersed polymer encapsulated superparamagnetic iron oxide nanoparticles for cell labeling. *Polymer*, 106, 238-248. [More Information]

2015

Huynh, V., Nguyen, D., Such, C., Hawke, B. (2015). Polymer coating of graphene oxide via reversible addition-fragmentation chain transfer mediated emulsion polymerization. *Journal of Polymer Science, Part A: Polymer Chemistry*, 53(12), 1413-1421. [More Information]

2013

Huynh, V., Scarano, W., Stenzel, M. (2013). Drug Delivery Systems for Platinum Drugs. In Xing-Jie Liang (Eds.), *Nanopharmaceutics : The Potential Application of Nanomaterials*, (pp. 201-241). Singapore: World Scientific Publishing.

Huynh, V., Pearson, S., Noy, J., Aboud, A., Utama, R., Lu, H., Stenzel, M. (2013). Nanodiamonds with Surface Grafted Polymer Chains as Vehicles for Cell Imaging and Cisplatin Delivery: Enhancement of Cell Toxicity by POEGMEMA Coating. *ACS Macro Letters*, 2(3), 246-250. [More Information]

Information]

2012

Huynh, V., Binauld, S., de Souza, P., Stenzel, M. (2012). Acid Degradable Cross-Linked Micelles for the Delivery of Cisplatin: A Comparison with Nondegradable Cross-Linker. *Chemistry of Materials*, 24(16), 3197-3211. [More Information]

Huynh, V., Quek, J., de Souza, P., Stenzel, M. (2012). Block copolymer micelles with pendant bifunctional chelator for platinum drugs: Effect of spacer length on the viability of tumor cells. *Biomacromolecules*, 13(4), 1010-1023. [More Information]

2011

Gu, W., Gaborieau, M., Huynh, V., De Souza, P., Stenzel, M. (2011). Functionalization of microspheres with malonates using Michael Addition as a pathway to create a drug delivery system for platinum drugs for the treatment of liver cancer. *Polymer*, 52(26), 5993-6002. [More Information]

Huynh, V., De Souza, P., Stenzel, M. (2011). Polymeric Micelles with Pendant Dicarboxylate Chelating Ligands Prepared via a Michael Addition for cis-Platinum Drug Delivery. *Macromolecules*, 44(20), 7888-7900. [More Information]

Huynh, V., Chen, G., de Souza, P., Stenzel, M. (2011). Thiol-ene and Thiol-ene "Click" Chemistry as a Tool for a Variety of Platinum Drug Delivery Carriers, from Statistical Copolymers to Crosslinked Micelles. *Biomacromolecules*, 12(5), 1738-1751. [More Information]

2010

Duong, H., Huynh, V., de Souza, P., Stenzel, M. (2010). Core-cross-linked micelles synthesized by clicking bifunctional Pt(IV) anticancer drugs to isocyanates. *Biomacromolecules*, 11(9), 2290-2299. [More Information]

2008

Huynh, T., Caffin, N., Dykes, G., Bhandari, B. (2008). Optimization of the Microencapsulation of Lemon Myrtle Oil using Response Surface Methodology. *Drying Technology*, 26(3), 357-368. [More Information]