

## Publications for Stuart Berry

### 2018

Bao, X., Wu, X., Berry, S., Howe, E., Chang, Y., Gale, P. (2018). Fluorescent squaramides as anion receptors and transmembrane anion transporters. *Chemical Communications*, 54(11), 1363-1366. <a href="http://dx.doi.org/10.1039/c7cc08706c">[More Information]</a>

Haynes, C., Berry, S., Garric, J., Herniman, J., Hiscock, J., Kirby, I., Light, M., Perkes, G., Gale, P. (2013). Small neutral molecular carriers for selective carboxylate transport. *Chemical Communications*, 49(3), 246-248. <a href="http://dx.doi.org/10.1039/c2cc37468d">[More Information]</a>

### 2017

Wang, L., Su, D., Berry, S., Lee, J., Chang, Y. (2017). A new approach for turn-on fluorescence sensing of L-DOPA. *Chemical Communications*, 53(92), 12465-12468. <a href="http://dx.doi.org/10.1039/c7cc07640a">[More Information]</a>

### 2016

Wang, L., Zhang, J., Kim, B., Peng, J., Berry, S., Yong, N., Su, D., Lee, J., Yuan, L., Chang, Y. (2016). Boronic acid: A bio-inspired strategy to increase the sensitivity and selectivity of fluorescent NADH probe. *Journal of the American Chemical Society*, 138(33), 10394-10397. <a href="http://dx.doi.org/10.1021/jacs.6b05810">[More Information]</a>

Berry, S., Soto-Cerrato, V., Howe, E., Clarke, H., Mistry, I., Tavassoli, A., Chang, Y., Perez-Tomas, R., Gale, P. (2016). Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. *Chemical Science*, 7(8), 5069-5077. <a href="http://dx.doi.org/10.1039/c6sc01643j">[More Information]</a>

Howe, E., Busschaert, N., Wu, X., Berry, S., Ho, J., Light, M., Czech, D., Klein, H., Kitchen, J., Gale, P. (2016). pH-regulated nonelectrogenic anion transport by phenylthiosemicarbazones. *Journal of the American Chemical Society*, 138(26), 8301-8308. <a href="http://dx.doi.org/10.1021/jacs.6b04656">[More Information]</a>

Olivari, M., Montis, R., Berry, S., Karagiannidis, L., Coles, S., Horton, P., Mapp, L., Gale, P., Caltagirone, C. (2016). Tris-ureas as transmembrane anion transporters. *Dalton Transactions*, 45(29), 11892-11897. <a href="http://dx.doi.org/10.1039/c6dt02046a">[More Information]</a>

### 2015

Berry, S., Busschaert, N., Frankling, C., Salter, D., Gale, P. (2015). Aromatic isophthalamides aggregate in lipid bilayers: Evidence for a cooperative transport mechanism. *Organic and Biomolecular Chemistry*, 13(10), 3136-3143. <a href="http://dx.doi.org/10.1039/c4ob02631d">[More Information]</a>

### 2014

Rao, W., Sally, S., Berry, S., Chan, P. (2014). Gold-catalyzed cycloisomerization of 1,6,8-dienyne carbonates and esters to cis-cyclohepta-4,8-diene-fused pyrrolidines. *Chemistry - A European Journal*, 20(41), 13174-13180. <a href="http://dx.doi.org/10.1002/chem.201402500">[More Information]</a>

### 2013