

List of publications of Hennie Valkenier

Contributions to collective works

2007

Van Esch, J., Valkenier, H., Hartwig, S., & Hecht, S. (2007). Foldamers at Interfaces. In S. Hecht & I. Huc (Eds.), *Foldamers: Structure, Properties, and Applications* (pp. 403-426). Weinheim: Wiley-VCH.

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2020

Renier, N., Reinaud, O., Jabin, I., & Valkenier, H. (2020). Transmembrane transport of copper(I) by imidazole-functionalised calix[4]arenes. *Chemical communications*. doi:10.1039/D0CC03555F

 blocked until 2020-12-09 https://dipot.ulb.ac.be/dspace/bitstream/2013/307722/5/Renier_CuTransport_postprint.pdf

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2019

Zahim, S., Ajami, D., Laurent, P., Valkenier, H., Reinaud, O., Luhmer, M., & Jabin, I. (2019). Synthesis and Binding Properties of a Tren-Capped Hexahomotrioxacalix[3]arene. *ChemPhysChem*, 21(1), 83-89. doi:10.1002/cphc.201900951

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Li, H., Valkenier, H., Thorne, A., Dias, C. M., Cooper, J. A., Kieffer, M., Busschaert, N., Gale, P. A., Sheppard, D. N., & Davis, A. P. (2019). Anion carriers as potential treatments for cystic fibrosis: transport in cystic fibrosis cells, and additivity to channel-targeting drugs. *Chemical science*, 10(42), 9663-9672. doi:10.1039/C9SC04242C

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https://dipot.ulb.ac.be/dspace/bitstream/2013/293170/4/Retout_JCIS2019_pubprint.pdf

Grauwels, G., Valkenier, H., Davis, A. P., Jabin, I., & Bartik, K. (2019). Repositioning Chloride Transmembrane Transporters: Transport of Organic Ion Pairs. *Angewandte Chemie International Edition in English*. doi:10.1002/anie.201900818

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Valkenier, H., Akrawi, O., Jur#ek, P., Sleziaková, K., Lízal, T., Bartik, K., & Sindelá#, V. (2019). Fluorinated Bambusurils as Highly Effective and Selective Transmembrane Cl-/HCO₃- Antiporters. *Chem*, 5(2), 429-444. doi:10.1016/j.chempr.2018.11.008

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2018

Jur#ek, O., Valkenier, H., Puttreddy, R., Novák, M., Sparkes, H., Marek, R., Rissanen, K., & Davis, A. (2018). Anion Recognition by a Bioactive Diureidodecalin Anionophore: Solid-State, Solution, and Computational Studies. *Chemistry*, 24(32), 8178-8185. doi:10.1002/chem.201800537

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Blond, P., Mattiuzzi, A., Valkenier, H., Troian Gautier, L., Bergamini, J., Doneux, T., Goormaghtigh, E., Raussens, V., & Jabin, I. (2018). Grafting of Oligo(ethylene glycol)-Functionalized Calix[4]arene-Tetradiazonium Salts for Antifouling Germanium and Gold Surfaces. *Langmuir*, 34(21), 6021-6027. doi:10.1021/acs.langmuir.8b00464

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2016

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López Mora, N., Bahreman, A., Valkenier, H., Li, H., Sharp, T. H., Sheppard, D. N., Davis, A. P., & Kros, A. (2016). Targeted anion transporter delivery by coiled-coil driven membrane fusion. *Chemical science*, 7, 1768-1772. doi:10.1039/C5SC04282H

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Non peer-reviewed journal articles

2020

Renier, N., Reinaud, O., Jabin, I., & Valkenier, H. (2020). Transmembrane transport of copper(I) by imidazole-functionalised calix[4]arenes. *ChemRxiv*. doi:10.26434/chemrxiv.12206144.v3

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