
Dr. Richmond Lee

Faculty Fellow

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<https://scholar.google.com.sg/citations?user=8GIloBgAAAAJ&hl=en>



Education

- PhD: 2016, Australian National University, 2016

Year joined SUTD

- Jan 2017

Research/Teaching Interests

Richmond has diverse interest in chemistry, but is focused on employing theoretical calculations to understand chemical reactions and also designing model molecules that enable catalysis and important organic transformations. He is currently instructing in Freshmore chemistry/biology and Digital World.

Selected Key Publications

- *J. Am. Chem. Soc.*, **2018**, *140* (27), 8448–8455. DOI: 10.1021/jacs.7b12806
- *J. Am. Chem. Soc.*, **2018**, *140* (5), 1952–1955. DOI: 10.1021/jacs.7b13056
- *Organometallics*, **2018**, *37* (1), 40–47. DOI: 10.1021/acs.organomet.7b00721
- *Org. Lett.*, **2018**, *20* (2), 429–432. DOI: 10.1021/acs.orglett.7b03759

For full publication list see website link

Funding/Awards

- Co-PI, IDC grant, “Big Data” and Theoretical Calculations Aided Molecular Design of Fluorophores: from Trial-and-Error to Molecular, 2018-2020
- PI, MOE tier 1 grant, Computationally Guided Design and Rationalisation of Catalyst Chemical Control, 2018-2019
- SUTD faculty early career award, 2017-2019