Dr Rebecca Lucy Melen: Full Publications List

Summary of Publications
Total number of publications: 64
Publications since joining Cardiff (4 years): 35
Number of publications as corresponding author: 40

Notes:
- For reasons of policy, some of the author lists are in alphabetical order and the primary researcher(s) associated with each paper is (are) underlined
- Independent publications as corresponding author are indicated with an asterisk (*)
- All publications are in highly respected journals in the field (Q1) and are indicated by their impact factor in the list below.

Refereed Journal Articles


Impact factor: 12.102

Impact factor: 4.099

Impact factor: 5.160

Impact factor: 4.099
Impact factor: 12.102

Impact factor: 5.160

Impact factor: 4.099

Impact factor: 11.709

Impact factor: 2.151


Impact factor: 4.117
Impact factor: 4.186

Impact factor: 3.474

Impact factor: 11.709

Impact factor: 5.771

Impact factor: 4.186

Impact factor: 6.453


Impact factor: 2.441


Impact factor: 4.820


Impact factor: 4.820

Times cited: 6


Impact factor: 4.117


Impact factor: 5.771


Impact factor: 4.186


Impact factor: 4.117


Impact factor: 2.465


Impact factor: 22.003


Impact factor: 2.686


Impact factor: 6.567


Impact factor: 6.567


Impact factor: 13.038


Impact factor: 4.117


Impact factor: 5.771


Impact factor: 4.117
Impact factor: 4.117

Impact factor: 4.117

Impact factor: 12.994

Impact factor: 2.011

Impact factor: 3.289

Impact factor: 4.186

Impact factor: 9.144

Impact factor: 6.567


Impact factor: 4.117

10. Less, R.J., Melen, R.L., Wright, D.S. “Group 2 (Be-Ba) and Group 12 (Zn-Hg)”, *Organomet. Chem.*, 2011, **37**, 100.


Impact factor: 5.771


Impact factor: 2.173


4. Less, R.J., **Melen, R.L.**, Naseri, V., Wright*, D.S. “Recent perspectives on main group-mediated dehydrocoupling of P-P bonds”, *Chem. Commun.*, 2009, **45**, 4929 (*invited review*).
   Impact factor: 6.567

   Impact factor: 6.567

Other articles (not peer reviewed)

   Impact factor: 4.117.

   Impact factor: 38.138.
Invited Lectures and Contributions to Scientific Meetings
My significant contributions to the field of inorganic chemistry have been reflected in a series of talks (97). Notable presentations include invited lectures at the Organometallic Gordon Research Conference (2018), Canadian Society for Chemistry Conference (2014, 2015, 2017, 2018, 2019), Dalton Meeting (2014, award winner) and the Clara Immerwahr Award Lecture (2016) as well as invited departmental seminars in the UK, Canada and Germany.

Oral communications:


65. Melen, R. L., “BCF and Beyond: Modern Advances in Borylation Chemistry and Boron Catalysis”, Invited lecture, 12th January 2018, Queen Mary University of London, UK.

64. Melen, R. L., “BCF and Beyond: Modern Advances in Borylation Chemistry and Boron Catalysis”, Invited lecture, 29th November 2017, University College London, UK.

63. Melen, R. L., High Achievers Dinner, Keynote speaker, Trent College, UK.


57. Melen, R. L., “Tris(pentafluorophenyl)borane and Beyond: Modern Advances in Borylation Reactions”, Invited lecture, 21st March 2017, RWTH Aachen University, Germany.


32. Melen, R. L., "Recent Developments in the Activation of π-bonds by Lewis Acidic Boranes", invited lecture, 26th June 2015, Brock University, St. Catharines, Canada.


30. Melen, R. L., "Recent Developments in the Activation of π-bonds by Lewis Acidic Boranes", invited lecture, 19th June 2015, McGill University, Montreal, Canada.


20. Melen, R. L., "Intramolecular Cyclisation Reactions and Rearrangements using B(C6F5)3", lecture, 23rd June 2014, University of Tübingen, Germany.


Poster presentations:


Other conferences attended:


6. CEMWOQ-2, 2nd Crystal Engineering and Emerging Materials Workshop of Ontario and Quebec, 11th-12th June 2015, University of Guelph, Canada.

5. Selected to attend the 42nd Symposium for Research Award Winners of the Alexander von Humboldt Foundation, March 2014, Bamberg, Germany.

4. Heidelberg Forum for Molecular Catalysis, June 2013, University of Heidelberg, Germany.

3. Selected to attend the 63rd Lindau Nobel Laureate Meeting in Chemistry, July 2013, Lindau, Germany.

2. AGICHEM: Anglo-German inorganic chemistry conference, September 2011, University of Heidelberg, Germany.

1. Pacifichem, December 2010, Honolulu, Hawaii, USA.

Dr Rebecca L. Melen