

# Joseph Moran

Institut de Science et d'Ingénierie Supramoléculaires (ISIS) and University of Strasbourg  
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## Education and Employment

09/2018–present	<i>Professeur</i> (tenured full professor)
09/2012–08/2018	<i>Maître de Conférences Associé</i> (untentured assistant professor) Director, Laboratory of Chemical Catalysis Institut de Science et d'Ingénierie Supramoléculaires (ISIS) & University of Strasbourg Habilitation to Direct Research (HDR) obtained September 23, 2014
April 2010–March 2012	NSERC Postdoctoral Fellow, University of Texas at Austin, Department of Chemistry Research Advisor: Professor Michael J. Krische
August 2009–April 2010	Visiting Scientist, National Research Council of Canada Research Advisor: Professor John P. Pezacki
2004–October 6, 2009	Ph.D. in Chemistry, <i>NSERC Postgraduate Doctoral Scholar</i> University of Ottawa, Chemistry; Research Advisor: Professor André M. Beauchemin <i>Intermolecular hydroamination of alkenes: strain-release &amp; Cope-type hydroamination.</i>
2000–2004	B.Sc. in Honours Chemistry, <i>summa cum laude</i> University of Ottawa, Research Advisor: Professor Susannah L. Scott

## Overview of Publications, Presentations, Service and Awards

- Publications:** 36 (18 as PI, 11 as first author), including: 2 *Nat. Ecol. Evol.*, 1 *Nat. Chem.*, 5 *J. Am. Chem. Soc.*, 3 *Angew. Chem. Int. Ed.*, 1 *Chem. Sci.*, 1 *ACS Catal.*, 2 *Chem. Commun.*, 3 *Org. Lett.*, 3 *J. Org. Chem.*, 2 book chapters. *Citations:* 1013, h-index: 18 (source: Google Scholar, updated 26/05/2018)
- Presentations:** 42 invited talks at academic institutions, 6 invited conference talks, 51 total since 2011
- Service:** Director, University of Strasbourg Graduate School of Complex Systems Chemistry (2018–present)
- Awards:** C&EN News Talented 12 (2018), Jean Normant Prize of the Organic Division of the French Chemical Society (2018), Guy Ourisson Prize (2017), ERC Starting Grant (2015–2020), Marie Curie Career Integration Grant (2013–2017), Thieme Chemistry Journal Award (2013) (see <https://moranlab.com/about-joseph/> for a full list of awards).
- Personal:** Born August 2, 1982. Married, one child.

## 5 Representative Independent Publications

35. Varma, S. J.; Muchowska, K. B.; Chatelain, P.; Moran, J.\* “Native iron reduces CO<sub>2</sub> to intermediates and end-products of the acetyl CoA pathway”, *Nature Ecol. Evol.* **2018**, *2*, 1019–1024. (highlighted by multiple outlets)
31. Muchowska, K. B.; Varma, S. J.; Chevallot-Beroux, E.; Lethuillier-Karl, L.; Li, G.; Moran, J.\* “Metals promote sequences of the reverse Krebs cycle” *Nature Ecol. Evol.* **2017**, *1*, 1716–1721. (highlighted by multiple outlets)
30. Vuković, V.; Richmond, E.; Wolf, E.; Moran, J.\* “Catalytic Friedel-Crafts Reactions of Highly Deactivated Benzylic Alcohols” *Angew. Chem. Int. Ed.* **2017**, *56*, 3085–3089. (highlighted in Synfacts)
22. Dryzhakov, M.; Hellal, M.; Wolf, E.; Falk, F.; Moran, J.\* “Nitro-Assisted Brønsted Acid Catalysis: Application to a Challenging Azidation” *J. Am. Chem. Soc.* **2015**, *137*, 9555–9558. (highlighted by multiple outlets)
20. Wolf, E.; Richmond, E.; Moran, J.\* “Identifying Lead Hits in Catalyst Discovery by Screening and Deconvoluting Complex Mixtures of Catalyst Components” *Chem. Sci.* **2015**, *6*, 2501–2505.