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APPOINTMENTS

Director, Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr, Germany

Professor, RWTH Aachen University, Aachen, Germany

Chemist, Department of Radiology, Massachusetts General Hospital

FOUNDER

Co-founder SciFluor Life Sciences, now OcuTerra Therapeutics, Boston, USA

EDUCATION

2004	**Ph.D.** Organic Chemistry, ETH Zurich, Switzerland
1999	**M.S.** Technical University of Braunschweig, Germany

RESEARCH INTERESTS

Late-Stage functionalization of complex small molecules; Synthetic organic and organometallic chemistry; development of new synthetic methods based on transition metal catalysis; molecular positron emission tomography (PET) imaging

EXPERIENCE

Max-Planck-Institut für Kohlenforschung | Mülheim an der Ruhr, Germany

2018–2020	Managing Director
2015–present	Director, Department of Organic Synthesis

RWTH Aachen university | Aachen, Germany

2017–present	Professor of Chemistry

Harvard University | Cambridge, MA, USA

2015–2017	Visiting Professor of Chemistry and Chemical Biology

2012–2015 Professor of Chemistry and Chemical Biology
2010–2012 Associate Professor of Chemistry and Chemical Biology
2006–2010 Assistant Professor of Chemistry and Chemical Biology

Massachusetts General Hospital | Boston, MA, USA

2014–present Chemist, Radiology
2012–2014 Associate Chemist, Radiology
2010–2012 Assistant Chemist, Radiology

California Institute of Technology | Pasadena, CA, USA

2004–2006 Post-Doctoral Fellow; Advisor: Prof. Robert H. Grubbs

Swiss Federal Institute of Technology | ETH Zürich, Switzerland

1999–2004 Ph.D. Thesis; Advisor: Prof. Erick M. Carreira

Stanford University | Stanford, CA, USA

1998–1999 Master Thesis; Advisor: Prof. Barry M. Trost

Swiss Federal Institute of Technology | Lausanne, Switzerland | 1997–1998

University of Bordeaux | Bordeaux, France | 1997–1997

Technical University of Braunschweig | Braunschweig, Germany | 1995–1997

AWARDS

2025 Chinese Chemical Society Award in Fluorine Chemistry, 2018 | RSC Fluorine Chemistry Prize, 2013 | Klung-Wilhelmy-Weberbank Preis, Berlin, Germany, 2012 | Popular Science Brilliant 10 Award, 2011 | Camille Dreyfus Teacher Scholar Award, 2011 | BASF Catalysis Award, 2011 | Roslyn Abramson Award for Excellence in Teaching Undergraduates, 2010 | AstraZeneca Excellence in Science Award, 2010 | Amgen Young Investigator Award, 2010 | Alfred P. Sloan Research Fellowship, 2010 | NSF Career Award, 2010–2015 | Air Force Young Investigator Award, 2010–2013 | Eli Lilly Grantee Award, 2010–2012 | Bayer Early Excellence in Science Award, 2009 | Massachusetts Life Science Center Young Investigator Award, 2009–2011 | Smith Family Award for Excellence in Biomedical Research, 2008–2011 | Milton Fund Award, Harvard Medical School, 2008 | Thieme Chemistry Journals Award, 2007 | Postdoctoral Fellowship (DAAD), 2004–2006 | Kekulé-Scholarship of the Fond der Chemischen Industrie e.V., 2000–2002 | Winterfeld Award - Towards the Total Synthesis of Teretifolione B, 2000 | Fellowship of the Konrad-Adenauer-Foundation, 1998–

1999 | Scholarship of the Swiss National Science Foundation, 1997–1998 | Scholarship of the European Union, 1997 | Scholarship of the Konrad-Adenauer-Foundation, 1996–1999

PUBLICATIONS; H-FACTOR 79, SUM OF TIMES CITED 22,107 (SCOPUS.COM)

173. Z. Bai, T. Ritter "Thianthrenium salts in photochemistry“ *Acc. Chem. Res.* **2026**, *59*, 915−931.

172. S. Müller, N. Klask, A. Daff, T. Ritter "Synthesis of 1,3-dienes from alkenes via alkenyl thianthrenium salts" *J. Am. Chem. Soc.* **2026**, *148*, 13507−13512.

171. T. K. Roy, F. M. Tamborini, R. Petzold, J. Fu, Y. Tang, T. Ritter "Decarboxylative alkylation of alkenes" *Nature* **2026**, *653*, 104−109.

170. T. Schulte, F. Waldbach, T. Ritter "Synthesis of aryl halides via a safer Sandmeyer reaction protocol" *Org. Synth.* **2026**, *103*, 101–120.

169. T. Schulte, T. Ritter "A safer alternative to an explosive reaction" *Nature* **2025**, *648*, 280−281.

168. K. Bohdan, P. Hartmann, S. Müller, D. Marchionni, C. Preisinger, J. B. Jacobs, L. Vogelsang, M. S. Sterling, K.-J. Dietz, T. Ritter "Thianthrenium chemistry for identification of protein−protein interactions in cells" *J. Am. Chem. Soc.* **2025**, *147*, 45576−45584.

167. S. Kanoo, E. de Pedro Beato, T. Schulte, L. Vogelsang, L. Torkowski, F. Waldbach, P. Hartmann, R. Kayal, K.-J. Dietz, T. Ritter "Ruthenium-mediated N-arylation for DNA-encoded libraries" *J. Am. Chem. Soc.* **2025**, *147*, 35011−35018.

166. P. Hartmann, K. Bohdan, L. Vogelsang, D. Marchionni, C. Preisinger, A. Vetere, K.-J. Dietz, T. Ritter "In cellulo cysteine umpolung for protein structure probing" *J. Am. Chem. Soc.* **2025**, *147*, 35587−35594.

165. D. Behera, T. Schulte, A. Altun, M. Leutzsch, F. Neese, T. Ritter "Deaminative cyanation of anilines by oxylanion radical transfer" *Org. Lett.* **2025**, *27*, 8921−8926.

164. S. Lin, M. Hirao, P. Hartmann, M. Leutzsch, M. S. Sterling, A. Vetere, S. Klimmek, H. Hinrichs, J. M. Mengeler, J. Lehmann, J. Samsonowicz-Górski, F. Berger, T. Ritter "A selenoxide for single-atom protein modification of tyrosine residues enabled by water-resistant chalcogen and hydrogen bonding" *Nat. Chem.* **2025**, *17*, 1331−1339.

163. Y. Cai, M. Dawor, G. Gaurav, T. Ritter "Kharasch-type haloalkylation of alkenes by photoinduced copper catalysis" *J. Am. Chem. Soc.* **2025**, *147*, 18438−18444.

162. S. Pandit, T. Ritter "Copper-photoredox-catalysed C(sp^3)–C(sp^3) reductive cross-coupling of alkyl bromides with BCP-thianthrenium reagents" *Angew. Chem. Int. Ed.* **2025**, *64*, e202506785.

161. Z. Bai, T. Ritter "Applications of thianthrene chemistry in organic synthesis" *Nat. Synth.* **2025**, *4*, 1187−1199.

160. Y. Xie, L. Zhang, T. Ritter “Late-stage cross-electrophile coupling of arylthianthrenium salts with (hetero)aryl (pseudo)halides via palladium catalysis“ *Angew. Chem. Int. Ed.* **2025**, *64*, e202502441.

159. C.-C. Li, Á. Adorján, M. Sofiadis, T. Schulte, J. Mateos, M. Rippegarten, T. Ritter “Nitrate reduction for deaminative Suzuki–Miyaura coupling of anilines“ *Angew. Chem. Int. Ed.* **2025**, *64*, e202504012.

158. B. A. van der Worp, T. Ritter “N-protonated acridinium catalyst enables Anti-Markovnikov hydration of unconjugated tri- and disubstituted olefins“ *J. Am. Chem. Soc.* **2025**, *147*, 4736−4742.

157. T. Schulte, D. Behera, D. Carboni, A. Höppner, F. Waldbach, J. Mateos, A. Altun, M. Leutzsch, M. L. Krebs, T. Ritter “Iron-mediated nitrate reduction at ambient temperature for deaminative sulfonylation and fluorination of anilines” *J. Am. Chem. Soc.* **2025**, *147*, 16901−1690.

156. W. G. Whitehurst, T. Schulte, Z. Wang, F. Waldbach, T. Ritter “Arene ring expansion by ruthenium η^6-arene complexes“ *Angew. Chem. Int. Ed.* **2025**, *64*, e202421608.

155. Z. Bai, Z. Wang, T. H.-F. Wong, T. Ritter “Thianthrenium-enabled modular synthesis of bicyclo[1.1.1]pentanes“ *Nat. Synth*. **2025**, *4*, 1161–1169.

154. L. Li, S. Müller, R. Petzold, T. Ritter “Late-Stage diazoester installation via arylthianthrenium salts“ *Angew. Chem. Int. Ed.* **2025**, *64*, e202419931.

153. D. Ahmadli, S. Müller, Y. Xie, T. Smejkal, S. Jaeckh, A. Iosub, S. Williams, T. Ritter “Standardized approach for diversification of complex small molecules via aryl thianthrenium salts“ *J. Am. Chem. Soc.* **2025**, *147*, 4268−4283.

152. M. Mrozowicz, S. Chatterjee, M. A. Mermigki, D. A. Pantazis, T. Ritter “Meta-dimethylation of arenes via Catellani reaction from aryl thianthrenium salts“ *Angew. Chem. Int. Ed.* **2025**, *64*, e202419472.

151. E. de Pedro Beato, L. Torkowski, P. Hartmann, L. Vogelsang, K.-J. Dietz, T. Ritter “On-DNA C–H functionalization of electron-rich arenes for DNA-encoded libraries“ *Nat. Chem*. **2025**, *17*, 1340−1347.

150. D. Zhao, T. Ritter “Illuminating aromatic deuteration“ *Chem* **2024**, *10*, 3266−3278.

149. Y. Cai, T. K. Roy, T. J. B. Zähringer, B. Lansbergen, C. Kerzig, T. Ritter “Arylthianthrenium salts for triplet energy transfer catalysis“ *J. Am. Chem. Soc.* **2024**, *146*, 30474–30482.

148. S. Tewari, N. Klask, T. Ritter “Allenyl thianthrenium salt: a bench-stable C3 synthon for annulation and cross-coupling reactions“ *J. Am. Chem. Soc.* **2024**, *146*, 27282−27286.

147. L. Zhang, Y. Xie, Z. Bai, T. Ritter “Suzuki–Miyaura coupling of arylthianthrenium tetrafluoroborate salts under acidic conditions” *Nat. Synth.* **2024**, *3*, 1490−1497.

146. T. Schulte, Z. Wang, C. Li, A. Hamad, F. Waldbach, J. Pampel, R. Petzold, M. Leutzsch, F. Bahns, T. Ritter “Ruthenium phenoxo complexes: an isolobal ligand to Cp with improved properties” J*. Am. Chem. Soc.* **2024**, *146*, 15825−15832.

145. J. Mateos, T. Schulte, D. Behera, M. Leutzsch, A. Altun, T. Sato, F. Waldbach, A. Schnegg, F. Neese, T. Ritter “Nitrate reduction enables safer aryldiazonium chemistry” *Science* **2024**, *384*, 446-452.

144. S. Ni, R. Halder, D. Ahmadli, E. J. Reijerse, J. Cornella, T. Ritter “C–heteroatom coupling with electron-rich aryls enabled by nickel catalysis and light” *Nat. Catal.* **2024**, *7*, 733–741.

143. A. Hamad, M. Mrozowicz, Y. Xie, T. Ritter “Regioselective double C–H functionalization of arenes via aryl thianthrenium salt analogues” *Synlett* **2024**, *35*, 1028–1032.

142. Y. Cai, G. Gaurav, T. Ritter “1,4-aminoarylation of butadienes via photoinduced palladium catalysis“ *Angew. Chem. Int. Ed.* **2024**, *63*, e202311250.

141. P. Hartmann, K. Bohdan, M. Hommrich, F. Juliá, L. Vogelsang, J. Eirich, R. Zangl, C. Farès, J. B. Jacobs, D. Mukhopadhyay, J. M. Mengeler, A. Vetere, M. S. Sterling, H. Hinrichs, S. Becker, N. Morgner, W. Schrader, I. Finkemeier, K.-J. Dietz, C. Griesinger, T. Ritter “Chemoselective umpolung of thiols to episulfoniums for cysteine bioconjugation” *Nat. Chem.* **2024**, *16*, 380−388.

140. S. J. Miller, T. Ritter “Introduction: Remote and Late Stage Functionalization“ *Chem. Rev.* **2023**, *123*, 13867−13868.

139. Z. Bai, B. Lansbergen, T. Ritter “Bicyclopentylation of alcohols with thianthrenium reagents” *J. Am. Chem. Soc.* **2023**, *145*, 25954−25961.

138. B. Lansbergen, S. Tewari, I. Tomczyk, M. Seemann, H. L. Buchholz, M. Rippegarten, D. Chamier Cieminski, F. Juliá, T. Ritter “Reductive cross-coupling of a vinyl thianthrenium salt and secondary alkyl Iodides” *Angew. Chem.* **2023**, *62*, e202313659.

137. J. Kim, S. Müller, T. Ritter “Synthesis of α-branched enones via chloroacylation of terminal alkenes“ *Angew. Chem. Int. Ed.* **2023**, *62*, e202309498.

136. L. Zhang, J. Yan, D. Ahmadli, Z. Wang, T. Ritter “Electron-transfer-enabled concerted nucleophilic fluorination of azaarenes: Selective C−H fluorination of quinolines“ *J. Am. Chem. Soc.* **2023**, *145*, 20182−20188.

135. Y. Cai, S. Chatterjee, T. Ritter “Photoinduced copper-catalyzed late-stage azidoarylation of alkenes via arylthianthrenium salts” *J. Am. Chem. Soc.* **2023**, *145*, 13542−13548.

134. R. Halder, G. Ma, J. Rickmeier, J. W. McDaniel, R. Petzold, C. N. Neumann, J. M. Murphy, T. Ritter “Deoxyfluorination of phenols for chemoselective ^{18}F-labeling of peptides“ *Nat. Protoc.* **2023**, *18*, 3614−3651.

133. S. Ni, J. Yan, S. Tewari, E. J. Reijerse, T. Ritter, J. Cornella “Nickel meets aryl thianthrenium salts: Ni(I)-catalyzed halogenation of arenes” *J. Am. Chem. Soc.* **2023**, *145*, 9988−9993.

132. W. Su, P. Xu, R. Petzold, J. Yan, T. Ritter “Ligand-to-copper charge-transfer-enabled C−H sulfoximination of arenes“ *Org. Lett.* **2023**, *25*, 1025−1029.

131. E. M. Alvarez, Z. Bai, S. Pandit, N. Frank, L. Torkowski, T. Ritter “O-, N- and C-bicyclopentylation using thianthrenium reagents” *Nat. Synth.* **2023**, *2*, 548−556.

130. J. Kim, X. Sun, B.A. van der Worp, T. Ritter “Anti-Markovnikov hydrochlorination and hydronitrooxylation of α-olefins via visible-light photocatalysis“ *Nat. Catal.* **2023**, *6*, 196−203.

129. P. Xu, W. Su, T. Ritter “Decarboxylative sulfoximination of benzoic acids enabled by photoinduced ligand-to-copper charge transfer” *Chem. Sci.* **2022**, *13*, 13611–13616.

128. Y. Cai, T. Ritter “Meerwein-type bromoarylation with arylthianthrenium salts“ *Angew. Chem. Int. Ed.* **2022**, *61*, e202209882.

127. H. Jia, T. Ritter “α-thianthrenium carbonyl species: The equivalent of an α-carbonyl carbocation“ *Angew. Chem., Int. Ed.* **2022**, *61*, e202208978.

126. L. Zhang, E. M. Israel, J. Yan., T. Ritter “Copper-mediated etherification via aryl radicals generated from triplet states“ *Nat. Synth.* **2022**, *1*, 376−381.

125. Q. Cheng, Z. Bai, S. Tewari, T. Ritter “Bifunctional sulfilimines enable synthesis of multiple N-heterocycles from alkenes“ *Nat. Chem.* **2022**, *14*, 898−904.

124. L. Zhang, T. Ritter “A perspective on late-stage aromatic C−H bond functionalization“ *J. Am. Chem. Soc.* **2022**, *144*, 2399−2414.

123. F. Berger, T. Ritter “Site-selective late-stage C−H functionalization via thianthrenium salts“ *Synlett* **2022**, *33*, 339−345.

122. S. Speicher, M. B. Plutschack, T. Ritter “Late-stage C-H functionalization with 2,3,7,8-tetrafluorothianthrene: Preperation of a tetrafluorothianthrenium-salt “ *Org. Synth.* **2021**, *98*, 531−552.

121. W. Su, P. Xu, T. Ritter “Decarboxylative hydroxylation of benzoic acids“ *Angew. Chem., Int. Ed.* **2021**, *60*, 24012–24017.

120. F. Juliá, J. Yan, F. Paulus, T. Ritter “Vinyl thianthrenium tetrafluoroborate: A practical and versatile vinylating reagent made from ethylene“ *J. Am. Chem. Soc.* **2021**, *143*, 12992−12998.

119. R. Halder, T. Ritter “^{18}F- fluorination: challenge and opportunity for organic chemists“ *J. Org. Chem.* **2021**, *86*, 13873–13884.

118. F. Juliá, Q. Shao, M. Duan, M. B. Plutschack, F. Berger, J. Mateos, C. Lu, X.-S. Xue, K. N. Houk, T. Ritter “High site selectivity in electrophilic aromatic substitutions: mechanism of C−H thianthrenation“ *J. Am. Chem. Soc.* **2021**, *143*, 16041–16054.

117. L. Tanwar, J. Börgel, J. Lehmann, T. Ritter “Selective C−H Iodination of (hetero)arenes“ *Org. Lett.* **2021**, *23*, 5024–5027.

116. D. Zhao, R. Petzold, J. Yan, D. Muri, T. Ritter “Tritiation of aryl thianthrenium salts with a molecular palladium catalyst” *Nature* **2021**, *600*, 444–449.

115. B. Lansbergen, P. Granatino, T. Ritter “Site-selective C−H alkylation of complex arenes by a two-step aryl thianthrenation-reductive alkylation sequence“ *J. Am. Chem. Soc.* **2021**, *143*, 7909–7914.

114. H. Jia, A. Häring, F. Berger, L. Zhang, T. Ritter “Trifluoromethyl thianthrenium triflate: A readily available trifluoromethylating reagent with formal CF_3^+, $CF_3^\bullet$, and CF_3^- reactivity“ *J. Am. Chem. Soc.* **2021**, *143*, 7623–7628.

113. P. Xu, P. López-Rojas, T. Ritter “Radical decarboxylative carbometalation of benzoic acids: A solution to aromatic decarboxylative fluorination” *J. Am. Chem. Soc.* **2021**, *143*, 5349–5354.

112. E. M. Alvarez, T. Karl, F. Berger, L. Torkowski, T. Ritter “Late-stage heteroarylation of hetero(aryl)sulfonium saltsactivated by α-amino alkyl radicals” *Angew. Chem., Int. Ed.* **2021**, *60*, 13609–13613.

111. X. Sun, T. Ritter “Decarboxylative polyfluoroarylation of alkylcarboxylic acids“ Angew. *Chem., Int. Ed.* **2021**, *60*, 10557–10562.

110. Q. Cheng, J. Chen, S. Lin, T. Ritter “Allylic amination of alkenes with iminothianthrenes to afford alkyl allylamines“ *J. Am. Chem. Soc.* **2020**, *142*, 17287–17293.

109. J. Börgel, T. Ritter “Late-stage functionalization“ *Chem.* **2020**, *6*, 1877–1887.

108. F. Berger, E. M. Alvarez, N. Frank, K. Bohdan, M. Kondratiuk, L. Torkowski, P. S. Engl, J. Barletta, T. Ritter “Cine-substitutions at five-membered hetarenes enabled by sulfonium salts“ *Org. Lett.* **2020**, *22*, 5671−5674.

107. E. M. Alvarez, M. B. Plutschack, F. Berger, T. Ritter ”Site-selective C-H functionalization-sulfination sequence to access aryl sulfonamides” *Org. Lett.* **2020**, *22*, 4593–4596.

106. G. S. Clemente, J. Rickmeier, I. F. Antunes, T, Zarganes-Tzitzikas, A. Dömling, T. Ritter, P. H. Elsinga “[^{18}F]Atorvastatin: synthesis of a potential molecular imaging tool for the assessment of statin-related mechanisms of action” EJNMMI Res. **2020**, *34*.

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104. J. Chen, J. Li, M. B. Plutschack, F. Berger, T. Ritter “Regio- and stereoselective thianthrenation of olefins to access versatile alkenyl electrophiles” *Angew. Chem., Int. Ed.* **2020**, *59*, 5616–5620.

103. J. Li, J. Chen, R. Sang, W.S. Ham, M. B. Plutschack, F. Berger, S. Chabbra, A. Schnegg, C. Genicot, T. Ritter “Photoredox catalysis with aryl sulfonium salts enables site-selective late-stage fluorination“ *Nat. Chem.* **2020**, *12*, 56–62.

102. L. Tanwar, J. Börgel, T. Ritter “Synthesis of benzylic alcohols by C−H oxidation“ *J. Am. Chem. Soc.* **2019**, *141,* 17983–17988.

101. R. Sang, S. Korkis, W. Su, F. Ye, P. S. Engl, F. Berger, T. Ritter “Site-selective C−H oxygenation via aryl sulfonium salts“ *Angew. Chem., Int. Ed.* **2019**, *58*, 16161–16166.

100. P. S. Engl, A. P. Häring, F. Berger, G. Berger, A. Pérez-Bitrián, T. Ritter “C–N cross-couplings for site-selective late-stage diversification via aryl sulfonium salts“ *J. Am. Chem. Soc.* **2019**, *141*, 13346–13351.

99. J. Hillenbrand, W.S. Ham, T. Ritter “C-H pyridonation of (hetero-)arenes by pyridinium radical cations“ *Org. Lett.* **2019**, *21*, 5363–5367.

98. T. Ritter, F. Berger “Abkürzung zu komplexen Molekülen“ *Spektrum der Wissenschaft* **2019**, *8*, 23–25.

97. F. Ye, F. Berger, H. Jia, J. Ford, A. Wortman, J. Börgel, C. Genicot, T. Ritter “Aryl sulfonium salts for site-selective late-stage trifluoromethylation“ *Angew. Chem., Int. Ed.* **2019**, *58*, 14615–14619.

96. Q. Cheng, T. Ritter “New directions in C–H fluorination” *Trends Chem.* **2019**, *1*, 461–470.

95. J. Chen, T. Ritter “Late-stage deoxyfluorination of phenols with PhenoFluorMix” *Org. Synth.* **2019**, *96*, 16–35.

94. F. Berger, M. B. Plutschack, J. Riegger, W. Yu, S. Speicher, M. Ho, N. Frank, T. Ritter “Site-selective and versatile aromatic C−H functionalization by thianthrenation“ *Nature* **2019**, *567*, 223–228.

93. E. M. D'Amato, J. Börgel, T. Ritter “Aromatic C–H amination in hexafluoroisopropanol” *Chem. Sci.* **2019**, *10*, 2424–2428.

92. W.S. Ham, J. Hillenbrand, J. Jacq, C. Genicot, T. Ritter “Divergent late-stage (hetero)aryl C–H amination by the pyridinium radical cation“ *Angew. Chem., Int. Ed.* **2019**, *58*, 532–536.

91. D. Zhao, P. Xu, T. Ritter “Palladium-catalyzed late-stage direct arene cyanation“ *Chem* **2019**, *5*, 97–107.

90. F. Pan, G. B. Boursalian, T. Ritter “Palladium-catalyzed decarbonylative difluoromethylation of acid chlorides at room temperature“ *Angew. Chem., Int. Ed.* **2018**, *57*, 16871–16876.

89. J. Börgel, L. Tanwar, F. Berger, T. Ritter “Late-stage aromatic C–H oxygenation“ *J. Am. Chem. Soc.* **2018**, *140*, 16026–16031.

88. J. Rickmeier, T. Ritter “Site-specific deoxyfluorination of small peptides with [^{18}F]fluoride“ *Angew. Chem., Int. Ed.* **2018**, *57*, 14207–14211.

87. F. Serpier, F. Pan, W.S. Ham, J. Jacq, C. Genicot, T. Ritter “Selective methylation of arenes: A radical C-H functionalization/ cross-coupling sequence” *Angew. Chem., Int. Ed.* **2018***, 57*, 10697–10701.

86. X. Sun, J. Chen, T. Ritter “Catalytic dehydrogenative decarboxyolefination of carboxylic acids“ *Nat. Chem.* **2018**, *10*, 1229–1233.

85. G. B. Boursalian, T. Ritter “Palladium-mediated fluorination for preparing aryl fluorides” In J. Hu, & T. Umemoto (Eds.), *Fluorination, Synthetic Organofluorine Chemistry 1*. *Springer Nature Singapore* **2018**.

84. G. B. Boursalian, T. Ritter “Nickel-mediated fluorination for preparing aryl fluorides” In *J. Hu, & T. Umemoto (Eds.), Fluorination. Synthetic Organofluorine Chemistry 1. Springer Nature Singapore* **2018**.

83. K. Yamamoto, J. Li, J. A. O. Garber, J. D. Rolfes, G. B. Boursalian, J. C. Borghs, C. Genicot, J. Jacq, M. van Gastel, F. Neese, T. Ritter “Palladium-catalysed electrophilic aromatic C–H fluorination” *Nature* **2018**, *554*, 511–514.

82. C. N. Neumann, T. Ritter “Facile C−F bond formation through a concerted nucleophilic aromatic substitution mediated by the PhenoFluor reagent” *Acc. Chem. Res.* **2017**, *50*, 2822−2833.

81. M. G. Strebl, A. J. Campbell, W.-N. Zhao, F. A. Schroeder, M. M. Riley, P. S. Chindavong, T. M. Morin, S. J. Haggarty, F. F. Wagner, T. Ritter, J. M. Hooker “HDAC6 brain mapping with [^{18}F]bavarostat enabled by a Ru-mediated deoxyfluorination” *ACS Cent. Sci.* **2017**, *3*, 1006–1014.

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PREVIOUS PUBLICATIONS

14. A. P. Blum, T. Ritter, R. H. Grubbs. “Synthesis of N-heterocyclic carbene-containing metal complexes from 2-(pentafluorophenyl)-imidazolidines” *Organometallics*, **2007**, *26*, 2122–2124.
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10. T. Ritter, M. W. Day, R. H. Grubbs. “Rate acceleration in olefin metathesis through a fluorine–ruthenium interaction” *J. Am. Chem. Soc.* **2006**, *128*, 11768–11769.

09. A. W. Waltman, T. Ritter, R. H. Grubbs. “Rearrangement of N-heterocylic carbenes involving heterocycle cleavage” *Organometallics* **2006**, *25*, 4238–4239.

08. T. Ritter, L. Kværnø, M. Werder, H. Hauser, E. M. Carreira. “Heterocyclic ring scaffolds as small-molecule cholesterol absorption inhibitors” *Org. Biomol. Chem.* **2005**, *3*, 3514–3523.

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06. T. Ritter, E. M. Carreira. “C–H transformation of terminal alkynes” in: Handbook of C-H transformations: applications in organic synthesis, G. Dyker (Ed), Wiley-VCH, **2005**.

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AWARD LECTURES

Novartis Chemistry Lectureship Award | 2026/ 2027

UCB Lecture Award, Tarragona, Spain | November 2025

The 75th Yangtze Academic Forum, Wuhan University, China | October 2018

Susan P. & Barry M. Trost Lectureship, University of Pennsylvania, USA | March 2018

Erdtman Lecture, Stockholm, Sweden | October 2015

MacLean Lecture, McMaster University, Canada | May 2014

Aldrich Lecture, University of British Columbia, Canada | March 2014

RCS Fluorine Prize Lecture, London, UK | September 2013

BMS Lecture, MIT, USA | April 2013

20th Archer Lecturer, Rensselaer Polytechnic Institute, NY, USA | March 2013

9th Hirata Memorial Lecture, Nagoya University, Japan | January 2013

Klung-Wilhemly-Weberbank Lecture, Berlin, Germany | November 2012

Alphora Research Inc. Lecture, University of Toronto | May 2012

The Padwa Lecture, Columbia University | February 2012

BASF Catalysis Award, BASF, Germany | July 2011

Organic Synthesis Lecturer, University of California, Berkeley | April 2011

Mordecai and Rivka Rubin Lecture, Technion–Israel Institute of Technology | June 2010

Eli Lilly Young Investigator Lecture, University of Wisconsin–Madison | May 2010

Novartis Lecture, Boston University | February 2010

OTHER INVITED LECTURES

2026

Nagoya Fluorine Days 2026, Nagoya, Japan | Boehringer Ingelheim, Vienna, Austria

2025

2025 International Conference on Photochemistry and Industry (2025-ICPI), Wuhan, China | Shanghai Institute of Organic Chemistry, Shanghai, China | Suzhou University, Zuzhou, China | Institute of Chemistry Chinese Academy of Sciences, Beijing, China | Nankai University, Tianjin, China | Organic Chemistry Day - Innovations and Perspectives in Radiopharm, Pavia¸ Italia | Towards a Sustainable Future: Dream Reactions-Symposium, Münster, Germany | August Thieme Cheminar dedicated to Prof. Carreira, online | | 28th International symposium: Synthesis in Organic Chemistry, Cambridge, UK | 9th Grubbs Symposium, Shenzhen, China | Westlake University, Hangzhou, China | BEAM Conference 2025, Halle, Germany | Geneva Days Chemistry and Biochemistry 2025, Geneva, Switzerland

2024

The 12th Singapore International Chemistry Conference (SICC), Singapore | Molecular Nanotour Symposium, Munster, Germany | RCOM'11, Marseille, France | Ischia Advanced School of Organic Chemistry (IASOC 2024), Ischia, Italy | National meeting of the Italian chemical Society (SCI 2024), Milan, Italy | UW–Madison Seminar, University of Wisconsin-Madison, Madison, USA | ACS Symposium on Radical Chemistry, Denver, USA | University of Tokyo, Tokyo, Japan | 24th Tateshina Conference, Nagano, Japan | 24th Tetrahedron Symposium, Montpellier, France | Photocat24, Conference on Photochemistry, Padova, Italy | Student Invited Seminar, University of Liverpool, Liverpool, UK | 57th Bürgenstock Conference, Brunnen, Switzerland | Syngenta Crop Protection AG, Stein, Switzerland | Torkil Holm Symposium "Visions in Chemistry", Copenhagen, Denmark | LOC Symposium “Modern Organic Synthesis”, Zurich, Switzerland

2023

16th Frank Warren Conference, Polokwane, South Africa | AbbVie 2023 Discovery Chemistry Seminar Series, Online | XXIII International Conference on Organic Synthesis (23-ICOS), Shanghai, China | Wuhan University, Wuhan, China | Central China Normal University, Wuhan, China | State Key Laboratory of Elemento-organic Chemistry (SKLEOC), Tianjin, China | Polish Academy of Sciences, Warsaw, Poland | Takeda Chemistry Symposium, Online | 23rd International Symposium on Fluorine Chemistry (ISFC) and the 9th International Symposium on Fluorous Technologies (ISoFT), Québec, Canada | 9th edition of the European Workshop in drug synthesis, Siena, Italy | Joint Workshop on the Organic Chemistry of Sulfur, Vienna, Austria | 11th Asian-European Symposium on Metal-Mediated Organic Synthesis, Haifa, Israel | Chicago Closs Lecture, Chicago, USA | 26th Winter Fluorine Conference, Florida, USA

2022§

University of Crete, Greece | Ludwig-Maximilians University, Munich, Germany | GDCh Kolloquium, Darmstadt, Germany | EFMC International Symposium on Medicinal Chemistry, Nice, France | ACS Meeting, Thieme/ Trost Symposium, Chicago, USA | Amgen, USA | Pfizer, USA | Organic Reactions and Processes, Gordon Research Conferences, Smithfield, USA | Balticum Organicum Syntheticum (BOS 2022), Vilnius, Lithuania | International Symposium on C–H Activation (ISCHA-6), Göttingen, Germany | International Summer School on Organic Synthesis (ISOS 2022), Gargnano, Italy | Pharmaron Virtual Lecture, Beijing, China | Sygnature Guest Lecture, Nottingham, UK | 11th EFMC-YSN MedChemBioOnline, Bern, Switzerland

2021

RTCS-OBC-2021, 58th Annual Convention of Chemists (ACC), Indian Chemical Society (ICS) Symposium, India | Syngenta Crop Protection AG, Stein, Switzerland | Fortbildungstag Marler Arztnetzes, Münster, Germany | Conférence ISIS, Institute of Supramolecular Science and Engineering, University of Strasbourg, France | Student association of Chemistry and Chemical Engineering, University of Groningen, Netherlands

2020

Fall seminars, University of Arkansas, Fayetteville, USA | Oxford Summer Synthesis Conference 2020, Oxford, UK | Webinar for Merck Darmstadt, Germany | EurJOC Virtual Symposium, European Journal of Organic Chemistry | SCI Conference - Applied late-stage functionalisation: where chemistry meets biology, Manchester, UK | GDCh Lecture, University of Leipzig, Germany | 2nd Alpine Winter conference on Synthetic and Medicinal Chemistry, St. Anton am Arlberg, Switzerland

2019

Mamma Forum, Klinik für Senologie & Evangelische Kliniken Gelsenkirchen, Germany | Novartis Institutes for BioMedical Research, Cambridge, USA | The Dr. Paul Janssen Invited Lecture series, Janssen Pharmaceutica N.V., Beerse Belgium | 27th International Society of Heterocyclic Chemistry Congress, Kyoto, Japan | Organic Chemistry seminar series, California Institute of Technology, Pasadena, USA | 26th International Symposium on Synthesis in Organic Chemistry, University of Cambridge, Cambridge, UK | GDCh Lecture, TU Dortmund university, Dortmund, Germany | Chem East Organic Symposium, University of East Anglia, Norwich, UK | 54th SCS Conference on Stereochemistry, Bürgenstock Conference, Brunnen, Switzerland | 17th Rencontres de Chimie Organique (RCO), Gif-sur-Yvette, France | Roche, Basel, Switzerland | Organic Chemistry Colloquium, ETH Zürich, Switzerland | 8th Grubbs Symposium, Southern University of Science and Technology, Shenzhen, China | Merck, Kenilworth, USA | GlaxoSmithKline, Collegeville, USA | Princeton Student Invited Lecture Series, Princeton University, New Jersey, USA | Bristol-Myers Squibb, New Brunswick, USA | GDCh Colloquium, Hannover, Germany

2018

Sapienza University of Rome, Italy | Università degli Studi di Milano, Milano, Italy | University of Barcelona, Spain | ICIQ Institut Català d'Investigació Química, Tarragona, Spain | University College London, UK | Sir Derek Barton Centenary Celebration, Imperial College, London, UK | 22th International Symposium on Fluorine Chemistry (ISFC), Oxford, UK | Talk at TUM, Technical University Munich, Garching, Germany | ICBMS, University of Lyon, France | Klinikum rechts der Isar, Munich, Germany | 9th Munster Symposium on Cooperative Effects in Chemistry, Muenster, Germany

2017

Meeting of the French Chemical Society, Toulouse, France | Annual meeting of AG Radiochemie, Starnberg, Germany | International Isotope Society Central European Division Workshop, Bad Soden, Germany | Bayer AG, Frankfurt, Germany | UCB Super Network Conference 2017, London, UK | EuCOMC-2017, Amsterdam, Netherlands | Pohang University of Science and Technology, Pohang South Korea | OMCOS-19, Jeju Island, South Korea | Tsinghua University, Beijing Shi, China | University of Nankai, Nankai Qu, China | University of Tianjin, Nankai Qu, China | Junior Faculty Professional Development Workshop, Mainz, Germany | Science Day at CARBOGEN AMCIS AG, Bubendorf, Switzerland | GDCh Lecture at the Technical University Braunschweig, Germany | 253rd ACS National Meeting and Exposition, San Francisco, USA | University of Cambridge, UK | International Symposium Imaging agents in Medicine, University medical Center

Groningen, Netherlands | GDCH Ostverband Saar-Lecture, Universität des Saarlandes, Saarbrucken, Germany | Colloquium for Organic Chemistry and Chemical Biology, Phillips University of Marburg, Germany | 50th annual Sheffield Stereochemistry Meeting at the University of Sheffield, UK

2016

50th annual Sheffield Stereochemistry Meeting at the University of Sheffield, UK | Eli Lilly, Windlesham-Erl Wood, UK | Vertex Pharmaceuticals, Abingdon-Oxfordshire, UK | UCB - Late Stage Functionalization for Synthesis and Medicines, Oxford, UK | Pierre and Marie Curie University, Paris, France | 1st ISOTOPICS Project Meeting, Paris, France | Ernst-Haage Symposium 2016, MPI CEC, Mülheim an der Ruhr, Germany | MedChem 2016, Annual One-Day Meeting on Medical Chemistry, Mont-Saint-Guilbert, Belgium | 25th International Isotope Society, (UK Group) Symposium University of Cambridge, UK | Institute of Chemistry, Karl-Franzens-Universität, Graz, Austria | Ludwig-Maximilian-University, Munich, Germany | University of Lund, Sweden | DTU, Technical University of Denmark, Lyngby, Denmark | Chemistry Department, University of Oslo, Sweden | David Geffen School of Medicine at UCLA, USA | Medicinal Chemistry Department at Boehringer Ingelheim Pharma GmbH & Co. KG, Biberach an der Riss, Germany | Sanofi-Aventis Deutschland GmbH R&D LGCR / Chemistry Frankfurt am Main, Germany | GSK External Lecture, GlaxoSmithKline Medicines Research Centre, Stevenage, UK, | EFMC-ISMC 2016 XXIV EFMC, International Symposium on Medicinal Chemistry, Manchester, UK | 57th GECO Conference Basque, France | Institute of Organic Chemistry RWTH Aachen University, Aachen | ECHC 2016 - XXVII European Colloquium on Heterocyclic Chemistry, Amsterdam, Netherlands | Actelion Chemistry Lectures, Basel, Switzerland | 19. Steinheimer Gespräche des Fonds für den Hochschullehrernachwuchs, Bad Homburg, Germany | Organic Chemistry Colloquium in SS 2016 Kaiserslautern, Germany | Colloquium Summer Semester, GDCh Ostverband Köln-Leverkusen, Germany | Boehringer-Ingelheim, Ingelheim am Rhein, Germany | GDCh Lecture, University Duisburg-Essen, Germany | Max-Planck-Institute for Chemical Energy Conversion, Mülheim an der Ruhr, Germany | Max-Planck-Institute Dortmund, Germany, | PAC Symposium, Leiden, Netherlands | 9th CaRLa Winter School 2016 Lecture, Heidelberg, Germany | Heterocyclic and Synthesis Group of the Royal Society of Chemistry at the Institute of Cancer Research, Chelsea, London, UK

2015

Pacifichem 2015, Honolulu, USA | The Autumn 2015 meeting of the French Chemical Society-Organic Chemistry division, Paris, France | IKCOC-13, Kyoto, Japan | GDCh Lecture, Bochum University, Bochum, Germany | 5th Annual Symposium of Organic Chemistry, Universidad Autónoma de Madrid “UAM” 2015, Madrid, Spain | Erdtman Lecture 2015, Stockholm, Sweden | BASF, Chicago, IL | UCSD, San Diego, CA | Northwestern University, Chicago, IL | University of Michigan | Wane State University, Detroit, MI | Argonne Labs, Argonne, IL | University of Colorado, Boulder, CO | Florida Heterocyclic Conference, Speaker, Gainesville, Florida, USA | ACS Winter Fluorine Conference

2014

China/Europe| Nankai University, China | Peking University, China | SIOC | WuXi | Shanghai | Roche Pharmaceuticals, Basel Switzerland | Novartis, Basel Switzerland, | UCB, Brussels, Belgium |

Firmenich, Geneva, Switzerland |Philadelphia organic Chemistry Club| ICOM 2015, Fukuoma, Saporo, Hokkaido University, Japan | Gordon research Conference, Salve Regina University, USA | Brock University, St Catherines, Ontario, Canada| McMaster University, Hamilton, Ontario, Canada | University of Southern California | Brock University | University of Utah, Salt Lake City, UT | Swiss Chemical Society, Fribourg Switzerland | Syngenta, Switzerland | Brussels, Belgium | University of British Columbian

2013

Nagoya University, Japan | University of Tokyo, Japan | Rensselaer Polytechnic Institute, Troy, NY | University of Ottawa, Canada | MIT | ACS National Meeting, New Orleans | University of Texas Austin | University of Texas Southwestern Medical Center, Dallas | Stanford | Sloan Kettering, New York | 15th Brazilian Meeting on Organic Synthesis, Sao Paulo

2012

Yale University | University of Oregon | Columbia University, New York | University of California, San Francisco | The Padwa Lecture, Columbia University | Eli Lilly and Company, Indianapolis | ACS National Meeting, San Diego | National RSC Meeting, Warrick, UK | ANORCQ Conference, Caen, France | École Nationale Supérieure de Chemie de Paris, Paris, France | DuPont, Wilmington | GlaxoSmithKline, Research Triangle Park, North Carolina | University of Toronto | ISACS 7, Edinburgh, UK | Belgian Organic Synthesis | Symposium, Leuven, Belgium | Dreyfus Foundation, New York | Meyers Symposium, Colorado State University | Klung-Wilhemly-Weberbank Lecture, Berlin, Germany | Merck, Rahway

2011

Winter Flourine Conference, St. Pete Beach | Dow Chemicals, Midland | Merck, Boston | Ludwig-Maximilians-Universität, Munich, Germany | Sanofi–Aventis, Frankfurt, Germany | Max-Planck-Institut für Kohlenforschung, Mülheim, Germany | University of Munster, Germany | Hoffman–La Roche, Nutley | University of North Carolina, Chapel Hill | University of Illinois at Urbana–Champaign | ACS National Meeting, Anaheim | Genentech, South San Francisco | Theravance, South San Francisco | University of California, Berkeley | RSC Organic Symposium, Queen Mary University of London, London, United Kingdom | Oxford University, Oxford, United Kingdom | University of Bristol, Bristol, United Kingdom | GlaxoSmithKline, Stevenage, United Kingdom | Syngenta, Bracknell, Berkshire | University of Minnesota | California Institute of Technology | Annual Graduate Student Symposium, University of Buffalo | High Throughput Chemistry & Chemical Biology Gordon Research Conference | Heterocycles Gordon Research Conference | BASF Catalysis Award, BASF, Germany | Organic Reactions and Processes Gordon Research Conference | Natural Products Gordon Research Conference | Medicinal Chemistry Gordon Research Conference | University of California, Los Angeles, Crump Institute | ACS National Meeting, Denver | Dow Corning, Midland, Michigan | GlaxoSmithKline, Philadelphia | Princeton ACS Meeting, Princeton | Harvard University | Boston College | New Jersey Biotechnology Chemistry Consortium | Northeastern University, Boston | ETH Zürich, Switzerland

2010

University of California, Irvine | University of California, Los Angeles | Boston University, Novartis Lecture | Dartmouth University | Bristol Myers Squibb, Wallingford | Bayer AG, Berlin, Germany | Bayer AG, Wuppertal, Germany | Rheinisch-Westfaelische Technische Hochschule Aachen, Germany | ACS National Meeting, San Francisco | Johnson & Johnson, La Jolla | University of California, San Diego | The Scripps Research Institute | Amgen, San Francisco | University of Wisconsin – Madison, Eli Lilly Young Investigator Lecture | Merck, West Point | Merck, Rahway | Northeastern Regional Meeting, American Chemical Society | Weizmann Institute, Israel | Tel Aviv University | Technion – Israel Institute of Technology, Mordecai and Rivka Rubin Lecture | Pfizer, Groton | ICIQ Summer School, Tarragona | Gordon Research Conference, Stereochemistry | American Chemical Society, National Meeting, Boston | Bayer CropScience | ORGCHEM, Weimar | AstraZeneca, Waltham | University of California, Santa Barbara | Amgen, Thousand Oaks | McGill University, Canada | Pacifichem

2009

University of Puerto Rico | University of Massachusetts, Dartmouth | Sepracor | Bristol-Myers Squibb | NSF workshop on Organic Synthesis and Natural Products Chemistry | Rising Organic Chemists in Catalysis (ROCCAT) | Amgen, Cambridge | Eli Lilly and Company | Abbott Labs | University of Pennsylvania | Princeton University | ETH, Lausanne

2008

Gordon Research Conference: Heterocycles | Dana Farber/ Harvard Cancer Center

TEACHING EXPERIENCE

RWTH Aachen University | Aachen, Germany

2017–present CHEMISTRY – ORGANIC CHEMISTRY

Harvard University | Cambridge, MA, USA

2006–2010, 2013–2015 CHEMISTRY 30 – ORGANIC CHEMISTRY

Fundamental principles and advanced topics in organic chemistry. Carbonyl chemistry and pericyclic reactions are covered in detail. Students learn about strategies in multi-step organic synthesis and are given an introduction into organometallic chemistry. Laboratory: an introduction to organic chemistry laboratory techniques and experimental organic synthesis. Committee for Undergraduate Education instructor ratings by students (out of 5.0): 4.5 (06-07), 4.8 (07–08), 4.5 (08–09), 4.9 (09–10) 4.3 (13–14).

2010–2013 CHEMISTRY 153 – ORGANOMETALLIC CHEMISTRY

Fundamental principles and advanced topics in organometallic chemistry. Transition metal catalysis and principles thereof are covered in detail, with focus on the organometallic reactivity. Committee for Undergraduate Education instructor ratings by students (out of 5.0): 4.6 (10–11); 4.5 (11–12); 4.6 (12–13).

PATENTS (ONLY ISSUED PATENTS)

21. T. Ritter, A. Häring “A trifluoromethyl thianthrenium compound, process for preparing the same and the use thereof”
WO 2022/219003 A1, Oct. 20, **2022**

20. T. Ritter, J. Garber, K. Yamamoto “Direct palladium-catalyzed aromatic fluorination“
US 2019 / 0099748 A1, Apr. 4, **2019**

19. T. Ritter, C. N. Neumann, M. H. Beyzavi, M. G. Strebl-Bantillo, D. Mandal “Process for deoxyfluorination of phenols“
EP 3 438 077 A1, Feb. 6, **2019**

18. T. Ritter, F. Ye “Process for hydrocyanation of terminal alkynes“
WO 2018/210631 AI, Nov. 22, **2018**

17. T. Ritter, F. Serpier, G. B. Boursalian “Process for preparing a substituted aromatic or heteroaromatic hydrocarbon and its use“
EP 3 243 816 A1, Nov. 15, **2017**

16. T. Ritter, C. N. Neumann “Fluorination of organic compounds“
US 2016/0272593 A1, Sep. 22, **2016**

15. T. Ritter, J. B. Raynaud, J. Yung Wu “Iron complexes and methods for polymerization“
US 9,290,591 B2, Mar. 22, **2016**

14. T. Ritter, E. Lee “Nickel fluorinating complexes and uses thereof“
US 9.273,083 B2, Mar. 1, **2016**

13. S. E. Parker, T. Ritter “Platinum metallacycles comprising n, p, or as ringatoms and their use as catalysts in 1,2-hydrosilylation reactions of dienes“
US 2016/0009747 A1, Jan. 14, **2016**

12. T. Ritter, F. Sadojevich “Fluoroalkylation reagents and uses thereof“
WO 2015/168368 AI, Nov. 5, **2015**

11. T. Ritter, P. Tang “Fluorination of organic compounds“
US 9,150,516 B2, Oct. 6, **2015**

10. T. Ritter, T. Furuya, P. Tang “Fluorination of organic compounds“
US 9,024,093 B2, May 5, **2015**

09. M.-Y. Ngai, G. B. Boursalian, E. A. McNeill, T. Ritter “Transition metal-catalyzed imidation of arenes“
WO 2015/031725 AI, Mar. 5, **2015**

08. T. Furuya, D. Powers, T. Ritter “High-valent palladium fluoride complexes and uses thereof“
US 8,686,158 B2, Apr. 1, **2014**

07. T. Ritter, T. Furuya, H. M. Kaiser “System for fluorinating organic compounds“
US 2014/0058106 A1, Feb. 27, **2014**

06. T. Ritter “Fluorine containing compounds and methods of use thereof“
US 2012/0316120 A1, Dec. 13, **2012**

05. T. Ritter, D. C. Powers, M. G. Cambell, J. B. Raynaud “Palladium nanowires and methods of preparation“
WO 2012/109389 A2, Aug. 16, **2012**

04. T. Ritter, L. Brass, C. Keith, A. Watson, D. J. Greenblatt “Fluorine containing compounds and methods of use thereof“
US 2012/0149900 A1, Jun. 14, **2012**

03. T. Ritter, C. Huang, T. Liang “Fluoroalkoxylation of organic compounds“
WO 2012/054782 A2, Apr. 26, **2012**

02. T. Ritter, L. Brass, C. Keith, A. Watson, D. J. Greenblatt “Fluorine containing compounds and methods of use thereof“
US 2012/00952.17 A1, Apr. 19, **2012**

01. E. Carreira, H. Hauser, L. Kvaerno, T. Ritter, M. Werder “Hypocholesterolemic compounds“
US 7,544,667 B2, Jun. 9, **2009**

EDITORIAL WORK

Executive Editor “Organic Letters”, ACS since 2023

Associate Editor “Organic Letters”, ACS since 2018

EDITORIAL ADVISORY BOARD

Tetrahedron Chem Advisory Board since 2022

ACS Organic & Inorganic Au Editorial Advisory Board since 2021

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