

LIST OF PUBLICATIONS ([Publons](#), [Google Scholar](#))

- [39] *Benzo[cd]triangulene: A spin 1/2 graphene fragment*  
P. Ravat, O. Blacque, **M. Juriček**  
*J. Org. Chem.* **2019**, ASAP, DOI: 10.1021/acs.joc.9b02163.
- [38] *'Forbidden' electrocyclizations of diradicaloids*  
T. Šolomek, P. Ravat, **M. Juriček**  
*Trends Chem.* **2019**, 1, 705–706. Invited “Mechanism of the Month” Article.
- [37] *Gram-scale synthesis and supramolecular complex of precursors of Clar’s hydrocarbon triangulene*  
P. Ribar, T. Šolomek, **M. Juriček**  
*Org. Lett.* **2019**, 21, 7124–7128. Top 5 Most Read Article (15.09.2019).
- [36] *Molecular magnetic switches*  
D. Čavlović, **M. Juriček**, *Chimia* **2019**, 73, 313–316.
- [35] *Helicenes as chiroptical photoswitches*  
P. Ravat, T. Šolomek, **M. Juriček**  
*ChemPhotoChem* **2019**, 3, 180–186. Invited Concept Article.
- [34] *Dimethylcethrene: A chiroptical diradicaloid photoswitch*  
P. Ravat, T. Šolomek, D. Häussinger, O. Blacque, **M. Juriček**  
*J. Am. Chem. Soc.* **2018**, 140, 10839–10847. Highlighted in *Chimia* **2018**, 72, 725.
- [33] *The three C’s of cethrene*  
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- [32] *Cethrene: The chameleon of Woodward–Hoffmann rules*  
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*J. Org. Chem.* **2018**, 83, 4769–4774.
- [31] *Configurational stability of [5]helicenes*  
P. Ravat, R. Hinkelmann, D. Steinebrunner, A. Prescimone, I. Bodoky, **M. Juriček**  
*Org. Lett.* **2017**, 19, 3707–3710.
- [30] *Chirality in curved polyaromatic systems*  
M. Rickhaus, M. Mayor, **M. Juriček**  
*Chem. Soc. Rev.* **2017**, 46, 1643–1660. Cover Article.
- [29] *Donor–acceptor molecular triangles*  
P. Ribar, T. Šolomek, L. Le Pleux, D. Häussinger, A. Prescimone, M. Neuburger, **M. Juriček**  
*Synthesis* **2017**, 49, 899–909. Featured in *Synfacts* **2017**, 13, 0363.
- [28] *Spin-delocalization in a helical open-shell hydrocarbon*  
P. Ravat, P. Ribar, M. Rickhaus, D. Häussinger, M. Neuburger, **M. Juriček**  
*J. Org. Chem.* **2016**, 81, 12303–12317. ACS Editors’ Choice Article.
- [27] *Biradicaloid with a twist: Lowering the singlet–triplet gap*  
P. Ravat, T. Šolomek, P. Ribar, **M. Juriček**  
*Synlett* **2016**, 27, 1613–1617. Cover Article.
- [26] *Strain-induced helical chirality in polyaromatic systems*  
M. Rickhaus, M. Mayor, **M. Juriček**  
*Chem. Soc. Rev.* **2016**, 45, 1542–1556.
- [25] *Cethrene: A helically chiral biradicaloid isomer of heptazethrene*  
P. Ravat, T. Šolomek, M. Rickhaus, D. Häussinger, M. Neuburger, M. Baumgarten, **M. Juriček**  
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**Postdoctoral, Graduate, and Undergraduate Research (14/24 first (co-)authorships)**

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- [22] E. J. Dale, N. A. Vermeulen, **M. Juriček**, J. C. Barnes, R. M. Young, M. R. Wasielewski, J. F. Stoddart, “Supramolecular explorations: Exhibiting the extent of extended cationic cyclophanes”, *Acc. Chem. Res.* **2016**, *49*, 262–273.
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## Patents

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- [2] **M. Juriček**, “*The 51<sup>st</sup> EUCHEMS Conference on Stereochemistry: The Bürgenstock tradition continues*”, *Chimia* **2016**, 70, 563–566.
- [1] **M. Juriček**, L. Montero de Espinosa, L. Merz, “*The 9<sup>th</sup> Young Faculty Meeting – The crossroad for sharing ideas across the Alps*”, *Chimia* **2016**, 70, 571–574.

**Career Focus**

- [1] Young Career Focus, *Synform* **2017**, 12, A205–A207.

**PhD Thesis**

- [1] **M. Juriček**, “*Triazole materials: Towards extending aromaticity*”, Doctoral Dissertation, Radboud University Nijmegen, **2011**.