

Editorial

# A Special Issue in Honor of Professor Josef Michl

Igor Alabugin<sup>1,\*</sup>  and Petr Klán<sup>2,3,\*</sup> <sup>1</sup> Department of Chemistry and Biochemistry, Florida State University, Tallahassee, FL 32306, USA<sup>2</sup> Department of Chemistry, Faculty of Science, Masaryk University, Kamenice 5, 62500 Brno, Czech Republic<sup>3</sup> RECETOX, Faculty of Science, Masaryk University, Kamenice 5, 62500 Brno, Czech Republic

\* Correspondence: alabugin@chem.fsu.edu (I.A.); klan@sci.muni.cz (P.K.)

This Special Issue of *Chemistry* is dedicated to Professor Josef Michl [1], a pioneer in several theoretical and experimental fields of chemistry. After obtaining a Ph.D. degree at Czechoslovak Academy of Sciences, Prague, Czechoslovakia, in 1965, and working as a postdoctoral fellow at the University of Houston and the University of Texas at Austin, he was associated with several institutions, including the Aarhus University, the University of Utah, and the University of Texas at Austin. Currently, he works at the University of Colorado Boulder, USA, and the Institute of Organic Chemistry and Biochemistry at the Czech Academy of Sciences, Prague, Czech Republic. He has made significant contributions to many fields of theoretical and experimental organic chemistry, such as organic photochemistry, chemistry of biradicals and biradicaloids, electronic and vibrational spectroscopy, silicon and boron chemistry, reactive intermediates, and magnetic circular dichroism.

The contributions in this Special Issue cover diverse fields of science, including molecular motors [2] and nanorotors [3], singlet fission [4], aromaticity [5], photochemistry [6–8], boron chemistry [9], and DFT calculations [10–12].

**Conflicts of Interest:** The authors declare no conflict of interest.

## References

1. Alabugin, I.; Klán, P. Tribute to Josef Michl. *Chemistry* **2021**, *3*, 440–443. [[CrossRef](#)]
2. Wen, J.; Zhu, M.; González, L. Solvation Effects on the Thermal Helix Inversion of Molecular Motors from QM/MM Calculations. *Chemistry* **2022**, *4*, 185–195. [[CrossRef](#)]
3. Li, Y.; Ghosh, A.; Biswas, P.; Saha, S.; Schmittel, M. Exchange Speed of Four-Component Nanorotors Correlates with Hammett Substituent Constants. *Chemistry* **2021**, *3*, 116–125. [[CrossRef](#)]
4. Costantini, R.; Cossaro, A.; Morgante, A.; Dell'Angela, M. Light-Induced Charge Accumulation in PTCDI/Pentacene/Ag(111) Heterojunctions. *Chemistry* **2021**, *3*, 744–752. [[CrossRef](#)]
5. Plasser, F. Exploitation of Baird Aromaticity and Clar's Rule for Tuning the Triplet Energies of Polycyclic Aromatic Hydrocarbons. *Chemistry* **2021**, *3*, 532–549. [[CrossRef](#)]
6. Schaberle, F.; Serpa, C.; Arnaut, L.; Ward, A.; Karlsson, J.; Atahan, A.; Harriman, A. The Photophysical Properties of Triisopropylsilyl-ethynylpentacene—A Molecule with an Unusually Large Singlet-Triplet Energy Gap—In Solution and Solid Phases. *Chemistry* **2020**, *2*, 545–564. [[CrossRef](#)]
7. Buczyńska, J.; Gajewska, A.; Gorski, A.; Golec, B.; Nawara, K.; Rybakiewicz, R.; Waluk, J. Synthesis and Photostability of Cyclooctatetraene-Substituted Free Base Porphyrins. *Chemistry* **2021**, *3*, 104–115. [[CrossRef](#)]
8. Sánchez-Carnerero, E.; Russo, M.; Jakob, A.; Muchová, L.; Vítek, L.; Klán, P. Effects of Substituents on Photophysical and CO-Photoreleasing Properties of 2,6-Substituted meso-Carboxy BODIPY Derivatives. *Chemistry* **2021**, *3*, 238–255. [[CrossRef](#)]
9. Oliva-Enrich, J.; Alkorta, I.; Elguero, J.; Ferrer, M.; Burgos, J. On the 3D → 2D Isomerization of Hexaborane(12). *Chemistry* **2021**, *3*, 28–38. [[CrossRef](#)]
10. Thirumorthy, K.; Chandrasekaran, V.; Cooksy, A.; Thimmakonda, V. Kinetic Stability of Si<sub>2</sub>C<sub>5</sub>H<sub>2</sub> Isomer with a Planar Tetracoordinate Carbon Atom. *Chemistry* **2021**, *3*, 13–27. [[CrossRef](#)]



**Citation:** Alabugin, I.; Klán, P. A Special Issue in Honor of Professor Josef Michl. *Chemistry* **2022**, *4*, 270–271. <https://doi.org/10.3390/chemistry4020021>

Received: 21 March 2022

Accepted: 23 March 2022

Published: 30 March 2022

**Publisher's Note:** MDPI stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.



**Copyright:** © 2022 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

11. Setaka, W.; Yamaguchi, K.; Kira, M. Solid-State  $^2\text{H}$  NMR Study for Deuterated Phenylene Dynamics in a Crystalline Gyroscope-Like Molecule. *Chemistry* **2021**, *3*, 39–44. [[CrossRef](#)]
12. Koterak, K.; Gawraczyński, J.; Derzsi, M.; Mazej, Z.; Grochala, W. Lattice Dynamics of  $\text{KAgF}_3$  Perovskite, Unique 1D Antiferromagnet. *Chemistry* **2021**, *3*, 94–103. [[CrossRef](#)]