General information

Name and surname	**Zoran Kokan**
Current employment address	Division of Materials Chemistry, Ruđer Bošković Institute Bijenička c. 54, HR-10000 Zagreb, Croatia
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Education

2014	**Doctor of Science**, University of Zagreb, Croatia
2008	**Diploma in Chemical Sciences**, University of Zagreb, Croatia

Working experience

8/**2021** – **today**	**Research Associate**, Ruđer Bošković Institute, Zagreb
09/**2018** – 6/**2021**	**Postdoctoral researcher**, Masaryk University, Brno
08/**2017** – 07/**2018**	**Postdoctoral researcher**, University of Warsaw, Warsaw
09/**2014** – 09/**2018**	**Postdoctoral researcher**, Ruđer Bošković Institute, Zagreb
01/**2011** – 08/**2014**	**Doctoral student**, Ruđer Bošković Institute, Zagreb
02/**2009** – 12/**2010**	**Project associate**, Ruđer Bošković Institute, Zagreb

Research projects, as PI

- **IP-2026-5533**. Dimensionally Extended Supramolecular Photoswitchable Assemblies for Ion-pair Recognition, domestic research grant funded by HRZZ, **2026**–**2029**, 200 000 EUR.
- **KP1-26**, as PI. An in-house-reviewed project, at Ruđer Bošković Institute, for supporting HRZZ application, **2026**, 5500 EUR.
- **KP2-25**, as PI. An in-house-reviewed project, at Ruđer Bošković Institute, for supporting ERC Consolidator application, **2025**–**2027**, 15000 EUR.
- **COGITO**, as PI. Supramolecular polymerization of coordination cages for tunable asymmetric catalysis. Croatian-French bilateral collaboration (travel grant) **2025**–**2026** (with dr. Matthieu Raynal, Sorbonne University, Paris, France), domestic funding by MZOM, 4000 EUR.
- **Postdoctoral research project**. Metalated Bioconjugates in the Function of Metalogelators, Croatian Academy of Science and Arts, **2015**, 2000 EUR.

Research experience abroad

- Supramolecular Chemistry Group, Department of Chemistry, Faculty of Science, Masaryk University, Brno, Czech Republic, September **2018**–**2021**, three years with Vladimír Šindelář.
- Supramolecular Chemistry Laboratory, Biological and Chemical Research Centre, University of Warsaw, Warsaw, Poland, **2017**–**2018**, one year with Michał J. Chmielewski.
- Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia, **2015**, one month with Iztok Turel.
- Central South University, Changsha, China, **2014**, 8 days with You-Nian Liu.
- Chair of Inorganic Chemistry I (Bioinorganic Chemistry), Ruhr University Bochum, Germany, **2011**, two months with Nils Metzler-Nolte.

Student mentoring, supervision, and teaching

• **PhD mentoring**: Dario Šušnić, doctoral research, Ruđer Bošković Institute, since 12/**2024**.

• **Supervision of students**: Filip Grdović, doctoral research, Ruđer Bošković Institute, since 10/**2024**; Emilie Maréchal, erasmus student, Ruđer Bošković Institute, **2022**; Arico Del Mauro, doctoral research, Masaryk University, **2020**.; Saša Opačak, doctoral research, Faculty of Science, University of Zagreb. **2016**–**2017**; Tamara Miljuš, undergraduate research in inorganic chemistry, Faculty of Science, University of Zagreb. **2014**; Kristina Kučanda, undergraduate research in inorganic and organic chemistry, Faculty of Science, University of Zagreb. **2014**;

• **Teaching**: Inorganic Chemistry Lab (Graduate Assistant), Faculty of Science, University of Zagreb.

2011, chemistry majors (2nd year); Inorganic Chemistry Lab (Undergraduate Assistant), Faculty of Science, University of Zagreb. **2006**–**2009**, chemistry/biology majors (2nd and 3rd year).

Awards and recognition

• **2018** – Ruđer Bošković Institute yearly award for the published work

• **2019** – Ruđer Bošković Institute yearly award for the published work

• **2019** –Division of Materials Chemistry award for the best publication

• **2008** – Rector's Award (University of Zagreb) for student research

Publications

19. **Z. Kokan**, T. Miljuš, J. Makarević, G. Štefanić, T. Pospišil, L. Frkanec, B. Perić,* and S. I. Kirin,**Croat. Chem. Acta* **2026** (accepted for publication).

18. M. Bakija, B. Perić, T. Rinkovec, E. Sanders, **Z. Kokan**, Z. Štefanić, R. Vianello, S. I. Kirin,* *Dalton Trans.* **2025**, 54, 17083.

17. C. Rando, J. Vázquez, J. Sokolov, **Z. Kokan**, M. Nečas, V. Sindelár,* *Angew. Chem.Int. Ed.* **2022**, 61, e202210184.

16. A. Del Mauro, **Z. Kokan**,* V. Šindelář,* *Chem. Commun*. **2022**, 58, 3815.

15. **Z. Kokan**,* M. Dušková-Smrčková, V. Šindelář,* *Chem* **2021**, 7 (9), 2473.

14. B. Perić,* **Z. Kokan**, S. I. Kirin, *Acta Cryst.* **2021**, C77, 449–457.

13. M. Kandrnálová, **Z. Kokan**, V. Havel, M. Nečas, V. Šindelář,* *Angew. Chem. Int. Ed.* **2019**, 58, 18182.

12. M. Pernar,‡ **Z. Kokan**,‡ J. Kralj, Z. Glasovac, L.-M. Tumir, I. Piantanida, D. Eljuga, I. Turel, A. Brozović,* S. I. Kirin,* *Bioorg. Chem.* **2019**, 87, 432.

11. S. Opačak, **Z. Kokan**, Z. Glasovac, B. Perić, S. I. Kirin, *Eur. J. Org. Chem.* **2019**, 2115.

10. **Z. Kokan**,* M. Chmielewski,* *J. Am. Chem. Soc.* **2018**, 140, 47, 16010.

9. **Z. Kokan**,* B. Kovačević, Z. Štefanić, P. Tzvetkova. S. I. Kirin,* *Chem. Commun.* **2018**, 54, 2094.

8. **Z. Kokan**,* B. Perić, M. Vazdar, Ž. Marinić, D. Vikić-Topić, E. Meštrović, S. I. Kirin,* *Chem. Commun.* **2017**, 53, 1945.

7. **Z. Kokan**, B. Perić, G. Kovačević, A. Brozovic, N. Metzler-Nolte, S. I. Kirin,* *Eur. J. Inorg. Chem.* **2017**, 3928.

6. **Z. Kokan**, Z. Glasovac, M. Majerić Elenkov, M. Gredičak, I. Jerić, S. I. Kirin,* *Organometallics* **2014**, 33, 15, 4005.

5. **Z. Kokan**, S. I. Kirin,* *Eur. J. Org. Chem.* **2013**, 8156.

4. K. Užarević, **Z. Kokan**, B. Perić, N. Bregović, S. I. Kirin,* *J. Mol. Struct.* **2013**, 1031, 160.

3. **Z. Kokan**, S. I. Kirin,* *RSC Adv.* **2012**, 2, 5729.

2. M. Rubčić,* K. Užarević,* I. Halasz, N. Bregović, M. Mališ, I. Đilović, **Z. Kokan**, R. S. Stein, R. E. Dinnebier, V. Tomišić, *Chem. Eur. J.* **2012**, 18 (8), 5620.

1. K. Užarević,* M. Rubčić, I. Đilović, **Z. Kokan**, D. Matković-Čalogović, M. Cindrić, *Cryst. Growth Des.* **2009**, 9 (12): 5327.

Professional activities

• **Member of the organizing committee** for the domestic conference with international attendance, *29th Croatian meeting of chemists and chemical* engineers (HSKIKI), Split, **2025** https://29hskiki.hkd.hr/

• **Journal paper reviews** (verified at WoS): Journal of the American Chemical Society, Chemistry – A European Journal, Chemistry – An Asian Journal, ChemistrySelect, Journal of Molecular Graphics and Modelling, Catalysts, Molecules, Symmetry, Croatica Chemica Acta

• **Reviewed postdoctoral scholarship application**, BS4S project (Basic Sciences for Society needs: postdoctoral training) funded under the Horizon Europe MSCA-COFUND programme, Institute of Physical Chemistry Polish Academy of Sciences (IChF), 50400 EUR.

• **Topical editor** for the peer reviewed journal *Symmetry* since **2021**

• **Technical editor** for the peer reviewed journal *Croatica Chemica Acta* (**2009**–**2014**)

Science popularization activities (selected)

• Croatian radio, radio programme “Science and Society”, 24/5/2017, Third programme of Croatian Radio, http://radio.hrt.hr/treci-program/ep/znanost-i-drustvo/210432

• Croatian educational TV programme, “Chiral Molecules” in popular scientific show “Third Element” S3E22, HRT3, 24/3/2016, https://www.youtube.com/watch?v=Me63o-aZIqg

• Seminar: "Discover your ideal material" for foreign students. Organiser: Board of European Students of Technology (BEST), 2014. Lecturer.

• Lecture to elementary and highschool students, Students Accomodation Maksimir, Zagreb, Organiser: Boris Ivetić, Association "Heureka", 2013.

• Ruđer Bošković Institute Open Days, Zagreb, 2010 and 2013.

• Chemistry Department Open Days, Faculty of Science, University of Zagreb, 2010.