

## Curriculum Vitae Prof. Dr. Giovanni Maestri

### PERSONAL INFORMATION

Family name, First name: Maestri, Giovanni

Researcher unique identifier(s) (Research ID): B-2234-2014; ORCID: 0000-0002-0244-8605

Date of birth: 14/06/1984

Nationality: Italian

Civil status: Married, father of two

Main interests: organometallic catalysis, synthesis, radical and computational chemistry

### • EDUCATION

2011            PhD Chemical Sciences, research advisor: Prof. Marta Catellani  
Università degli Studi di Parma, Dip. di Chimica Organica ed Industriale, Parma, Italy

2007            Master Industrial Chemistry, research advisors: Prof. Marta Catellani and Prof. C. Elsevier  
Università degli Studi di Parma, Dip. di Chimica Organica ed Industriale, Parma, Italy

### • CURRENT POSITION(S)

2018 –            Associate Professor (*Tenured*)  
Università di Parma, Dipartimento SCVSA, Parma, Italy  
From Dec. 31<sup>st</sup> 2018.

### • PREVIOUS POSITIONS

2013 – 2018    Assistant Professor/Ricercatore RTD-a  
Università di Parma, Dipartimento SCVSA, Parma, Italy  
From Dec. 31<sup>st</sup> 2013 to Dec. 30<sup>th</sup> 2018.

2012 – 2013    Researcher/Chercheur CDD  
Creation of a new research group with Prof. Max Malacria, newly appointed Director.  
Institut de Chimie des Substances Naturelles, CNRS UPR 2301, Univ Paris Saclay,  
Gif/Yvette, France  
From Jul. 20<sup>th</sup> 2012 to Dec. 30<sup>th</sup> 2013.

2011 – 2012    Post-doc, research advisors: Prof. Louis Fensterbank and Dr. Emmanuel Lacôte  
Sorbonne Universités, Univ Paris 06-Pierre et Marie Curie, UMR CNRS 8232, Paris, France  
From Jan. 15<sup>th</sup> 2011 to Jul. 14<sup>th</sup> 2012.

### • FELLOWSHIPS

2010            Eight months research visit at Univ Paris 06, Paris, France. DFT studies with Dr. Etienne Derat

2007            Four months research visit at UVA, Amsterdam, NL. Catalysis with Prof. C. Elsevier

• **SUPERVISION OF STUDENTS AND POSTDOCTORAL FELLOWS**

- 2025- 1 joint PhD with Sorbonne Univ., FR, starting fall 2025, 1 Master Student (6 months), 2 Bachelor Students (2 months)
- 2024- 1 Postdoc (18 months, till 2025), 2 PhD Student (starting fall 2024), 1 Master Student (6 months)
- 2023- 2 PhD Student (1 joint PhD with Sorbonne Univ., FR, starting fall 2023), 3 Master Student (6 months each), 2 Bachelor Students (2 months each)
- 2022- 2 Postdocs (24 months each, till 2024), 3 PhD Student (starting fall 2022), 3 Master Student (6 months each), 3 Bachelor Students (2 months each)
- 2021- 1 PhD Student (ongoing, till fall 2024), 2 Master Student (6 months, ongoing), 4 Bachelor Students (2 months each)
- 2020 1 PhD Student (36 months), 2 Bachelor Students (2 months each)
- 2019 1 PhD Student (36 months), 2 Bachelor Students (2 months each)
- 2018 1 Postdoc (12 months), 1 PhD Student (39 months), 1 Master Student (6 months), 1 Bachelor Students (2 months each)
- 2017 2 Postdoc (12 months each), 2 Bachelor Students (2 months each)
- 2016 1 Postdoc (24 months), 1 PhD Student (36 months), 3 Bachelor Students (2 months each)
- 2015 2 PhD Students (36 months each), 1 Graduate Student (12 months), 2 Master Students (6 months each)
- 2014 2 Master (6 months each) and 2 Bachelor Students (2 months each)  
Università di Parma, Dipartimento SCVSA, Parma, Italy
- 2012-15 2 Postdocs (24 months each) and 3 PhD students (36 months each), codirected with Prof. Max Malacria; 2 Master (6 months each) and 2 Bachelor Students (2 months each)  
Institut de Chimie des Substances Naturelles, CNRS UPR 2301, Gif/Yvette, France
- 2008-09 2 Bachelor Students (2 months each), with Prof. Marta Catellani  
Università degli Studi di Parma, Dip. di Chimica Organica ed Industriale, Parma, Italy

• **TEACHING ACTIVITIES**

- 2025 – Professor – Advanced Synthetic Methodologies (55 hours, 6 CFU/year, 20 students/year ca.), 1<sup>st</sup> year MS in Chemistry, Università di Parma, Parma, Italy
- 2022 – Professor – Organic Chemistry (60 hours, 6 CFU/year, 180 students/year ca.), 1<sup>st</sup> year BS in Biology, Università di Parma, Parma, Italy
- 2020 – Professor – Reactions promoted by visible light (8 hours, 1 CFU/year, 20 students/year ca.), PhD School in Chemical Sciences, Università di Parma, Parma, Italy
- 2018 – Professor – Green Chemistry (48 hours, 6 CFU/year, 20 students/year ca.; 24 hours, 3 CFU/year since 2026), 1<sup>st</sup> year MS in Industrial Chemistry, Università di Parma, Parma, Italy
- 2014 – 25 Professor – Laboratory of Organic Chemistry I (92 hours, 8 CFU/year for 2014-2022; 62 hours, 6 CFU/year since 2023, 100 students/year ca.), 1<sup>st</sup> year BS in Chemistry, Università di Parma, Parma, Italy

• **INSTITUTIONAL RESPONSIBILITIES**

- 2024 – Coordinator of the Doctorate School in Chemical Sciences
- 2022 – 25 Elected member of the UniPR Scientific Committee for the Chemistry area
- 2022 – Member of the Department Internationalization Commission
- 2021 –24 Deputy coordinator of the Doctorate School in Chemical Sciences
- 2021 – Dean delegate as representative of the University in the national SPRING cluster
- 2017 – Doctorate School member, Università di Parma, Dipartimento SCVSA, Parma Italy

- 2014 – Faculty member, Università di Parma, Dipartimento SCVSA, Parma Italy  
2009 Undergraduate Chemistry Student Advisor (90 hours), Faculty of Sciences, Università di Parma, Parma, Italy

• **COMMISSIONS OF TRUST**

- 2025 – Reviewer for the Poland National Science Center  
2024 – Reviewer for the European Research Council – ERC  
2022 – Reviewer for the Hungarian Agency of Research – OTKA  
2021 – Reviewer for the French Agence Nationale de la Recherche – ANR  
2015 – Reviewer for the Chilean National Science and Technology Commission – FONDECYT  
2012 – Reviewer for Wiley (ACIE, CEJ, EurJOC), ACS (JACS, ACS Catalysis, OL, Organometallics, JOC), RSC (ChemSci, Green Chem, OBC, RSC Advances), Nature publishing (NatChem, NatSynth, NatCommun, SciRep) and Science (>110 total)

• **PRIZES & HABILITATIONS**

- 2019-20 Habilitation to Full Professorship in Organic Chemistry (SSD CHEM-05), ASN2018  
2017 Junior prize from the Division of Organic Chemistry of the Italian Chemical Society  
“Organic Chemistry in its methodological aspects”  
2016-17 Habilitation to Associate Professorship in Organic Chemistry (SSD CHEM-05), ASN2016

• **INVITED SPEAKERSHIP IN INTERNATIONAL CONFERENCES**

- 2025 “A journey into molecular complexity accompanied by strong metal-metal bonds and weak dispersion interactions” at the International Conference on Chemical Bonding 2025, August 22nd-27th 2025, Kauai (US), program at <https://www.chem.ucla.edu/~ana/ICCB2025.html>  
2023 “Molecular complexity via atom-economical cascades promoted by visible light” at the XLI Convegno Nazionale della Divisione di Chimica Organica della SCI, September 11th-14th 2023, Roma (IT), program at <https://www.cdco2023.it/>  
2021 “Catalysis with all-metal aromatics” at the 2021 International Chemical Congress of Pacific Basin Societies (PACIFICHEM), section N. 229 on New Horizon of Main Group and Transition-metal Aromatics, December 16th-21st 2021, Honolulu (US), program at <https://pacificchem.org>  
2018 “Expanding the chemistry of stable trinuclear all-metal aromatics” at the 6th International Conference on Chemical Bonding 2018, July 13th-17th 2018, Kauai (US), program at <http://www.chem.ucla.edu/~ana/ICCB2018.html>  
2017 “Connecting Homogeneous and Heterogeneous Catalysis with All-Metal Aromatics” at the XXVI Congresso Nazionale della SCI, 10-14 Settembre 2017, Paestum, SA (IT), program at <http://sci2017.org>  
2017 “The chemistry of stable trinuclear all-metal aromatics” at the 5th International Conference on Chemical Bonding 2017, June 22nd-26th 2017, Kauai (US), program at <http://www.chem.ucla.edu/~ana/ICCB2017.html>  
2016 “All-Metal Aromatics links Homogeneous and Heterogeneous Catalysis” at the 6th Asia-Oceania Conference on Sustainable and Green Chemistry, November 27th-30th 2016, City University of Hong Kong (PRC), program at <http://www.cityu.edu.hk/chem/aoc-sgc6/>

• **ORGANIZATION OF CONFERENCES**

- 2025 Session chair at the 12th ASIAN-EUROPEAN SYMPOSIUM on METAL MEDIATED ORGANIC SYNTHESIS, May 21st-23rd 2025, Bologna, program at <https://www.smos->

[12.org/Home.html](http://12.org/Home.html)

- 2024 Organizing committee of 3<sup>rd</sup> SCI/SCF-VISYOCEM, co-hosted with the French Chemical Society, June 4<sup>th</sup>-7<sup>th</sup>, 2024 program at [scivisyochem2024.weebly.com](http://scivisyochem2024.weebly.com)
- 2022 Organizing committee of 2<sup>nd</sup> SCI-VISYOCEM, October 24<sup>th</sup>-27<sup>th</sup>, 2022 program at [scivisyochem2022.weebly.com](http://scivisyochem2022.weebly.com)
- 2021 Session chair at the 2021 International Chemical Congress of Pacific Basin Societies (PACIFICHEM), section N. 229 on New Horizon of Main Group and Transition-metal Aromatics, December 16th-21st 2021, Honolulu (US), program at <https://pacificchem.org>
- 2020 Organizing committee of SCI-VISYOCEM, November 3<sup>rd</sup>-6<sup>th</sup>, 2020 program at [scivisyochem2020.weebly.com](http://scivisyochem2020.weebly.com)
- 2018 Session chair at the 6th International Conference on Chemical Bonding 2018, July 13th-17th 2018, Kauai (US), program at <http://www.chem.ucla.edu/~ana/ICCB2018.html>

• **INVITED LECTURES, SHORT TALKS, SEMINARS AND COWORKERS**

- 2024 “Enlightening an atom-economical route to molecular complexity”, Innovation and Sustainability in Process Chemistry, Parma, IT, November 5<sup>th</sup>, 2024.
- 2024 “A visible-light-promoted route to molecular complexity”, Université Paris-Cite, France, October, 8<sup>th</sup>, 2024.
- 2024 “Crafting complex molecular architectures through visible light”, ICSN-CNRS, France, October, 7<sup>th</sup>, 2024.
- 2023 “La Chimica Verde: da curiosità scientifica a grande opportunità di sviluppo”, Aperitivi delle Scienze, Parma, IT, November 22nd 2023.
- 2022 “Green Chemistry and Sustainability: from scientific curiosities to great development opportunities”, XXI Emilia-Romagna Chemistry Day, Bologna, IT, December 19<sup>th</sup> 2022.
- 2022 “From strained rings to medium-sized ones via atom-economical cascades”, Organic Chemistry Frontiers (RSC) webinar on New Catalytic Transformations for Organic Synthesis, July 1<sup>st</sup> 2022
- 2022 “Atom-economical cascades: cyclizations from strained to medium-sized rings”, Seminars CulturChem, Sorbonne Université, Paris, FR, June 27<sup>th</sup> 2022
- 2021 “From cyclopropanes to cyclooctanes through atom-economical cascades”, Seminars of the Chemistry Department of the University of Bologna, Bologna, IT, October 28<sup>th</sup> 2021
- 2021 “Strategies for catalytic cyclizations: from cyclopropanes to cyclooctanes”, Seminars of the Master in Chemistry of the Université Lyon I Claude Bernard, Villeurbanne, FR, May 27<sup>th</sup> 2021
- 2019 "A tribute to IPCM from the University of Parma", 10<sup>ème</sup> Anniversaire de l'IPCM, Sorbonne Université, Paris, FR, June 18th 2019
- 2012 "Organometallic cascades involving Pd(IV) complexes: novel synthetic applications and mechanistic studies", invited by Prof. Stefan Matile, University of Genève, Genève, CH, September 21st 2012
- 2011 "Mechanistic studies on organometallic cascades involving Pd(IV) species" invited by Prof. Michele Parrinello, ETH-Lugano, Lugano, CH, November 14th, 2011
- 2012- Students lead by GM presented more than 40 posters and 17 short oral talks in national and international venues

- FUNDING**

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role</i>
AROMA-Trip	MIUR	660 Keu	3 years, 23/9/2015-23/9/2018	Principal Investigator (PI)
Caratterizzazione materiali abrasivi	P. Corazzi SPA, Italy	34 Keu	1 year, 1/6/2015-30/6/2016	PI
RADICAT	UniPR	6 Keu	1 year, 1/9/2016-31/8/2017	PI
Eliminazione di specie chimiche presenti in acqua	GEA Procomac	15 Keu	1 year, 18/02/2018 al 30/09/2018	Co-PI
Synthesis of DME	ENEA	50 Keu (tot)	3 yearly contracts since 2017	Member
Characterization, analyses and reports	Third parties	65 Keu (tot)	Ongoing, since 2015	PI
PHOTO-CO-PY	UniPR	78 Keu	2 years, 1/10/2021-30/9/2023	PI
ART-2-HYDROGEN	MITE	2142 KEu	Ongoing, 3 years	WP Leader (4 teams)
TWIN-SPARK	UniPR	25 KEu	1 year, 1/10/2022-30/9/2023	PI
POR-H2	ENEA	90 KEu	Ongoing, 3 years	PI
Xylonite PRIN PNRR 2022	MUR	220 KEu	Ongoing, 2 years	PI
POR-H2-24	ENEA	65 Keu	Ongoing, 3 years	PI

- MAJOR INTERNATIONAL COLLABORATIONS**

- Theoretical study on the role of Non-Covalent Interactions, with Dr. E. Derat, Sorbonne Universités, Univ Paris 06, UMR CNRS 8232, Paris, France
- Novel Photoredox Cascades, with Dr. Geraldine Masson, ICSN, CNRS UPR 2301, Gif/Yvette, France
- Novel metal-aromatic bonding, with Prof. Alexander Boldyrev, Utah State University, Logan, UT, US

**Summary of scientific output (since 2008):**

93 articles (including 2 Nature Chemistry, 7 Angewandte Chemie), 6 book chapters, 1 patent. GM fulfils all of the thresholds to participate as commissar into national Habilitation commissions for the CHEM-05A Organic Chemistry panel. Supervised students presented more than 40 posters in national and international meetings and 17 oral communications on projects led and co-led by GM.

Sum of times cited (since 2009, as of Scopus): 2347 (2088)

H-index: 28 (26 without self-citations)

## Articles as corresponding author

45. Scarica, Chiminelli, Corrieri, Cerveri, Maggi, Maestri\*, Lanzi\* *Chem. Eur. J.* **2025** 31 e202502449.
44. Sparascio, Scarica, Cerveri, Russo, Spataro, Marchiò, Lanzi, Maestri\* *ACS Catalysis* **2025** 15 13799.
43. Chiminelli, Galbardi, Maggi, Bigi, Capaldo, Della Ca', Viscardi, Marchiò, Maestri\*, Lanzi\* *Org. Lett.* **2025** 27 8909.
42. Ruggeri, Hoch, Spataro, Marchiò, Cauzzi, Protti, Tegoni, Lanzi\*, Maestri\* *Chem. Eur. J.* **2025** 31 e202403309.
41. Cerveri, Russo, Sparascio, Merli, Maggi, Della Ca', Lanzi, Maestri\* *Chem. Eur. J.* **2025** 31 e202403597.
40. Hoch, Sparascio, Cerveri, Bigi, Maggi, Viscardi, Maestri\* *Photochem. Photobio. Sci.* **2024** 23 1543.
39. Cerveri, Scarica, Sparascio, Hoch, Chiminelli, Tegoni, Protti, Maestri\* *Chem. Eur. J.* **2024** 30 e202304010.
38. Chiminelli, Scarica, Serafino, Marchiò, Viscardi, Maestri\* *Molecules* **2024** 29 595.
37. Chiminelli, Scarica, Balestri, Marchiò, Della Ca', Maestri\* *Tetrahedron Chem* **2023** 8 100053.
36. Maestri\*, Serafino *Synlett* **2023** 34 doi: 10.1055/a-2136-3947 (*Synpact* invited contribution).
35. Cerveri, Vettori, Serafino, Maestri\* *Org. Biomol. Chem.* **2023** 21 7311.
34. Chiminelli, Serafino, Ruggeri, Marchiò, Bigi, Maggi, Malacria, Maestri\* *Angew. Chem. Int. Ed.* **2023** 62 e202216817 (*highlighted on Douglass F. Taber's Organic chemistry portal*).
33. Camedda, Bigi, Maggi, Maestri\* *Org. Lett.* **2023** 25 2233.
32. Ruggeri, Motti, Della Ca', Maestri\* *Org. Biomol. Chem.* **2022** 20 9287.
31. Bigi, Cauzzi, Della Ca', Malacria, Maggi, Motti, Wang, Maestri\* *ACS Org. Inorg. Au* **2022** 2 373.
30. Serafino, Chiminelli, Balestri, Marchiò, Bigi, Maggi, Malacria, Maestri\* *Chem. Sci.* **2022** 13 2632.
29. Wang, Sun, Wang, Maestri\*, Malacria, Liu, Wang\*, Wu\* *Eur. J. Org. Chem.* **2022** e202200009.
28. Bigi, Cera, Maggi, Wang, Malacria, Maestri\* *J. Phys. Chem. A* **2021** 125 10035.
27. Serafino, Camedda, Lanzi, Della Ca', Cera, Maestri\* *J. Org. Chem.* **2021** 86 15433.
26. Pancrazzi, Maestri\*, Maggi, Viscardi *Eur. J. Org. Chem.* **2021** VIP 5407.
25. Camedda, Lanzi, Bigi, Maggi, Maestri\* *Org. Lett.* **2021** 23 6536.
24. Li, Li, Wang, Wu, Wang,\* Maestri\* Malacria, Liu *Dalton Trans.* **2021** 50 11834.
23. Serafino, Balestri, Marchiò, Malacria, Derat, Maestri\* *Org. Lett.* **2020** 22 6354.
22. Camedda, Serafino, Maggi, Bigi, Cera, Maestri\* *Synthesis* **2020** 52 1762. *Feature Article*.
21. Cera, Della Ca', Maestri\* *Chem. Sci.* **2019** 10 10297.
20. Lanzi, Santacroce, Balestri, Marchiò, Bigi, Maggi, Malacria, Maestri\* *Angew. Chem. Int. Ed.* **2019** 58 6703, *Hot Paper*.
19. Cecchini, Cera, Lanzi, Marchiò, Malacria, Maestri\* *Org. Chem. Front.* **2019** 6 3584.
18. Cecchini, Lanzi, Cera, Malacria, Maestri\* *Synthesis* Golden Issue **2019** 51 1216.
17. Cera, Lanzi, Bigi, Maggi, Malacria, Maestri\* *Chem. Commun.* **2018** 54 14021.
16. Cera, Lanzi, Balestri, Della Ca', Maggi, Bigi, Malacria, Maestri\* *Org. Lett.* **2018** 20 3220.
15. Lanzi, Caneque, Marchiò, Maggi, Bigi, Malacria, Maestri\* *ACS Catalysis* **2018** 8 144.
14. Paris, Bigi, Cauzzi, Maggi, Maestri\* *Green Chem.* **2018** 20 382.

13. Wang, Monfredini, Deyris, Blanchard, Derat, Maestri,\* *Malacria Chem. Sci.* **2017** 8 7394.
12. Monfredini, Santacroce, Marchiò, Maggi, Bigi, Maestri,\* *Malacria\* ACS Sust. Chem. Eng.* **2017** 5 8205, *part of special virtual issue Festschrift to Istvan Horvath.*
11. Santacroce, Bigi, Casnati, Maggi, Storaro, Moretti,\* Vaccaro, Maestri\* *Green Chem.* **2016** 18 5764.
10. Monfredini, Santacroce, Deyris, Maggi, Bigi, Maestri,\* *Malacria\* Dalton Trans.* **2016** 45 15786, *highlighted with back cover*
9. Santacroce, Paris, Cauzzi, Maggi, Maestri\* *Eur. J. Org. Chem.* **2016** 436.
8. Wang, Deyris, Caneque, Blanchard, Li, Bigi, Maggi, Blanchard, Maestri,\* *Malacria Chem. Eur. J.* **2015** 21 12271, *Hot Paper, highlighted with back cover.*
7. Deyris, Caneque, Wang, Retailleau, Bigi, Maggi, Maestri\* *Malacria\* Chem. Cat. Chem.* **2015** 7 3266.
6. Gomes, Narbonne, Blanchard, Maestri,\* *Malacria\* Org. Chem. Front.* **2015** 2 464.
5. Santacroce, Paris, Sartori, Maggi, Maestri\* *J. Org. Chem.* **2014** 79 8477.
4. Blanchard, Fensterbank, Lacôte, Gontard, Maestri,\* *Malacria Angew. Chem. Int. Ed.* **2014** 53 1987.
3. Narbonne, Retailleau, Maestri,\* *Malacria\* Org. Lett.* **2014** 16 628, *highlighted in SYNFACTS*
2. Deyris, Caneque, Gomes, Narbonne, Maestri,\* *Malacria\* Heterocycles* **2014** 88 807.
1. Maestri,\* *Malacria, Derat\* Chem. Commun.* **2013** 49 10424.

## Articles

48. Constantin, Mele, Botla, Della Ca', Maggi, Maestri, Cerveri, Sundermann, Cauzzi, Pancrazzi, Mazzeo *CrystEngComm* **2025** 10.1039/D5CE00677E.
47. Raineri, Morlacci, Constantin, Voronov, Maestri, Della Ca', Capaldo *Green Chem.* **2025** 10.1039/d5gc03981a.
46. Gentili, Miglioli, Borghesani, Spagnoli, Bellotti, Cavazzini, Guerrini, Remelli, Maestri, Ottonello, Bolchi, Tegoni, *ChemBioChem* **2025** e202500208.
45. Francesco Mele, Andrea Aquilini, Ana Maria Constantin, Francesco Pancrazzi, Lara Righi, Andrea Porcheddu, Raimondo Maggi, Daniele Alessandro Cauzzi, Giovanni Maestri, Elena Motti, Luca Capaldo, Nicola Della Ca, *ChemSusChem* **2025** e202500461.
44. Constantin, Mele, Lanzi, Maestri, Maggi, Della Ca', Capaldo, *ChemSusChem* **2025** e202500211.
43. Mele, Constantin, Porcheddu, Maggi, Maestri, Della Ca, Capaldo, *Beilstein J. Org. Chem.* **2025** 21 458.
42. Voronov, Casnati, Hoch, Pancrazzi, Mazzeo, Merli, Maestri, Feher, Stirling, Capaldo, Della Ca' *Adv. Synth. Catal.* **2024** 366 4187.
41. Mele, Constantin, Sacchelli, Schiroli, Mazzeo, Maestri, Motti, Maggi, Mancuso, Gabriele, Pancrazzi, Della Ca' *Green Chem.* **2024** 26 6429.
40. Botla, Fontana, Voronov, Maggi, Motti, Maestri, Della Ca' *Angew. Chem. Int. Ed.* **2023** 62 e202218928.
39. Voronov, Casnati, Mazzeo, Pelagatti, Bacchi, Mancuso, Gabriele, Motti, Maestri, Feher, Stirling, Della Ca' *Adv. Synth. Catal.* **2023** 365 e202218928.

38. Pancrazzi, Castronuovo, Maestri, Constantin, Voronov, Maggi, Mazzeo, Motti, Cauzzi, Viscardi, Della Ca' *Eur. J. Org. Chem.* **2022** e202201315.
37. Cera, Maestri *Chem. Cat. Chem.* **2022** 14 e202200295.
36. Voronov, Botla, Montanari, Carfagna, Mancuso, Gabriele, Maestri, Motti, Della Ca' *Chem. Commun.* **2022** 58 294.
35. Raviola, Carrera, Serra, Palmieri, Lupidi, Maestri, Protti *ChemPhotoChem* **2021** 5 871.
34. Kulichenko, Fedik, Monfredini, Muñoz-castro, Balestri, Boldyrev, Maestri *Chem. Sci.* **2021** 12 477.
33. Chiurchiù, Xhafa, Ballini, Maestri, Protti, Palmieri *Adv. Synth. Catal.* **2020** 362 4680.
32. Viscardi, Barbarossa, Mirabile Gattia, Maggi, Maestri, Pancrazzi, *New J. Chem.* **2020** 44 16810.
31. Maestri, Derat *Nature Chem.* **2019** 11 1082.
30. Casnati, Perrone, Mazzeo, Bacchi, Mancuso, Gabriele, Maggi, Maestri, Motti, Stirling, Della Ca' *J. Org. Chem.* **2019** 84 3477.
29. Paris, Oldani, Aricò, D'Urso, Bigi, Maestri, Pancrazzi, Maggi *ACS Sust. Chem. Eng.* **2019** 7 5886.
28. Barbarossa, Viscardi, Maestri, Maggi, Mirabile Gattia, Paris *Mat. Res. Bull.* **2019** 113 64.
27. Lanzi, Merad, Boyarskaya, Maestri, Allain, Masson *Org. Lett.* **2018** 20 5247.
26. Casnati, Fontana, Coruzzi, Aresta, Corriero, Maggi, Maestri, Motti, Della Ca' *Chem. Cat. Chem.* **2018** 10 4346.
25. Piscopo, Tochtermann, Schwarzer, Boskovic, Maggi, Maestri, Loebbecke *React. Chem. Eng.* **2018** 3 13.
24. Casnati, Maggi, Maestri, Della Ca', Motti *J. Org. Chem.* **2017** 82 8296.
23. Santacroce, Duboc, Malacria, Maestri, Masson *Eur. J. Org. Chem.* **2017** 2095, *highlighted with back cover and in SYNFACTS*
22. Della Ca', Maestri, Motti, Malacria *Heterocycles* **2017** 95 753.
21. Caneque, Gomes, Trang, Blanchard, Retailleau, Gallard, Maestri, Malacria, Rodriguez *Synthesis* **2017** 49 587.
20. Maestri, Caneque, Della Ca', Derat, Catellani, Malacria *Org. Lett.* **2016** 18 6108.
19. Maggi, Shiju, Santacroce, Maestri, Bigi, Rothenberg *Beilstein J. Org. Chem.* **2016** 12 2173.
18. Piscopo, Schwarzer, Herrmann, Affini, Pelagatti, Maestri, Maggi, Loebbecke *Chem. Cat. Chem.* **2016** 8 1293.
17. Caneque, Gomes, Trang, Maestri, Malacria, Rodriguez *Nature Chem.* **2015** 7 744.
16. Piscopo, Maestri, Paris, Santacroce, Maggi *Arkivok* **2015** 7 1.
15. Maggi, Piscopo, Maestri *Arkivok* **2015** 4 107.
14. Caneque, Truscott, Rodriguez, Maestri, Malacria *Chem. Soc. Rev.* **2014** 43 2916.
13. Simmoneau, Maestri, Fensterbank, Malacria *Arkivok* **2014** 3 287.
12. Derat, Maestri *WIREs Comput Mol Sci.* **2013** 3 529.
11. Malacria, Maestri *J. Org. Chem.* **2013** 78 1323.
10. Maestri, Larraufie, Ollivier, Malacria, Fensterbank, Lacôte *Org. Lett.* **2012** 14 5538.
9. Larraufie, Maestri, Malacria, Ollivier, Fensterbank, Lacôte *Synthesis* **2012** 44 1279.
8. Della Ca', Maestri, Malacria, Derat, Catellani *Angew. Chem. Int. Ed.* **2011** 50 12257.

7. Larraufie, Maestri, Baume, Derat, Ollivier, Fensterbank, Courillon, Lacôte, Catellani, Malacria, *Angew. Chem. Int. Ed.* **2011** 50 12253.
6. Maestri, Della Ca', Motti, Malacria, Derat, Catellani *J. Am. Chem. Soc.* **2011** 133 8574.
5. Maestri, Larraufie, Derat, Ollivier, Fensterbank, Lacôte, Malacria *Org. Lett.* **2010** 12 5692, *highlighted in SYNFACTS*
4. Chiusoli, Catellani, Costa, Motti, Della Ca', Maestri *Coord. Chem. Rev.* **2010** 254 456.
3. Maestri, Della Ca', Catellani *Chem. Commun.* **2009** 45 4892.
2. Della Ca', Maestri, Catellani *Chem. Eur. J.* **2009** 15 7850.
1. Hauwert, Maestri, Sprengers, Catellani, Elsevier *Angew. Chem. Int. Ed.* **2008** 47 3223.

### Book Chapters

6. Maestri, Serafino, Camedda, *Bicyclic 5-6 Systems With One Bridgehead (Ring Junction) Nitrogen Atom: Two Extra Heteroatoms 2:0 and 0:2 – Synthetic Aspects* in *Comprehensive Heterocyclic Chemistry IV*, Ed. David StC Black, Janine Cossy, Christian V. Stevens, Elsevier Inc., Oxford, **2022**.
5. Maestri, Serafino, *Palladium(I)-Mediated Reactions* in *Science of Synthesis: Free Radicals: Fundamentals and Applications in Organic Synthesis Volume 1*, Ed. A. Furstner, E. Carreira, M. Faul, S. Kobayashi, Volume Ed. L. Fensterbank and C. Ollivier, Thieme, Stuttgart, **2021**.
4. Motti, Della Ca', Maestri, Malacria, *Pd-Catalyzed Sequential Reactions Involving C–H Bond Activation: A Green and Sustainable Tool for Natural and Industrial Product Synthesis* in *Advanced Green Chemistry*, Ed. M. Malacria and I. Hortvath, World Scientific Publishing, Singapore, **2020**.
3. Truscott, Maestri, Rodriguez, Malacria, *Catalytic Cycloaddition Reactions* in *Modern Alkyne Chemistry*, Ed. B. M. Trost and C.-J. Li, Wiley-VCH, Weinheim, **2014**.
2. Baralle, Baroudi, Daniel, Fensterbank, Goddard, Lacôte, Larraufie, Maestri, Malacria, Ollivier, *Main Group Elements in Radical Chemistry* in *Encyclopedia of Radicals in Chemistry, Biology and Materials*, Ed. C. Chatgililoglu and A. Studer, John Wiley & Sons, Chichester, **2012**.
1. Baralle, Baroudi, Daniel, Fensterbank, Goddard, Lacôte, Larraufie, Maestri, Malacria, Ollivier, *Radical Cascade Reactions* in *Encyclopedia of Radicals in Chemistry, Biology and Materials*, Ed. C. Chatgililoglu and A. Studer, John Wiley & Sons, Chichester, **2012**.

### Patents

1. Rodriguez, Caneque, Gomes, Trang, Malacria, Maestri, *Method for preparing marmycin A and analogs thereof, and also uses thereof as antibiotics, anticancer, and antimalarials agents* FR 3025512 A1 20160311, PCT Int. Appl. (**2016**), WO 2016034559 A1 20160310.

Parma, 20/10/2025

F.to Prof. Giovanni Maestri

Maestri

A handwritten signature in black ink, appearing to read "G. F. Maestri". The signature is written in a cursive style with a horizontal line extending from the end.