

Curriculum Vitae

Personal information

First name Matteo
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Nationality Italian and brasilian
Date of birth 21/8/1990
Gender Male



Researcher Identifiers and Statistics

ORCID iD: 0000-0001-8576-3792
ResearcherID: I-4759-2017 H-index: 11 Citations: 330
Scopus Author ID: 57113473900 H-Index: 12 Citations: 337

Research Interests

Computational and theoretical chemistry; molecular magnetism; quantum computing; materials science; molecular nanosciences; computational spectroscopy; molecular spectroscopy; surface science.

Work Experience

Actual Position since March 2021 Research Fellow, Post-Doc Position
Individual Grant project 'Giovani Ricercatori Protagonisti'
funded by the University of Florence after peer to peer evaluation
Institution: University of Florence

May 2019 - February 2021 Research Fellow, Post-Doc Position
Institution: Federal University of Paraná

February 2019 - April 2019 Research Scholarship
Institution: National Interuniversity Consortium
of Materials Science and Technology, R. U. Università degli Studi di Firenze

February 2018 - January 2019 Research Fellow, Post-Doc Position
Institution: University of Florence

Education and training

Experiences Abroad Phd thesis co-guardianship
Institution: Universidade Federal Fluminense, Niteroi, Rio de Janeiro, Brazil
Duration: 12 months, March 2016 - February 2017

Doctor of Philosophy Co-guardianship
November 2014 - October 2017, Thesis's discussion: 9/03/2018
1st Institution: Università degli Studi di Firenze,
2nd Institution: Universidade Federal Fluminense

Master's Degree Course of study: Chemical Sciences
Institution: Università degli Studi di Firenze, Final exam: 21/07/2014
Final degree mark: 110/110 cum laude

Bachelor's Degree Course of study: Chemistry
Institution: Università degli Studi di Firenze, Final Exam: 22/10/2012
Final degree mark: 110/110 cum laude

Pre-university studies Secondary school diploma (Scientific Certificate) with 100/100 cum laude
School-leaving examination taken in (year): 2009
Liceo Scientifico E. Balducci, Pontassieve (Fi)

Publications

- 1-Eva Lucaccini, Matteo Briganti et al. **Chemistry. A European Journal**. **2016**, 22, 5552-5562.
- 2-Samira G. Reis, Matteo Briganti, et al. **Dalton Transactions**. **2016**, 45, 2936-2944.
- 3-Samira. G. Reis, Matteo Briganti et al. **Inorganic Chemistry**. **2016**, 55, 11676-11684.
- 4-Andrei A. Patrascu, Sergiu Calancea, Matteo Briganti, et al. **Chemical Communications**, **2017**, 53, 6504-6507.
- 5-Luigi Malavolti, Matteo Briganti et al., **NanoLetters**, **2018**, 18, 7955-7961.
- 6-Mateus S. de Souza, Matteo Briganti et al. **Inorganic Chemistry**, **2019**, 58, 1976-1987.
- 7-Matteo Briganti, Guglielmo Fernandez-García et al. **Chemical Science**, **2019**, 10, 7233-7245.
- 8-Thaiane Gregório et al. **Inorganic Chemistry**, **2019**, 58, 12099-12111.
- 9-Andrei A. Patrascu, Matteo Briganti, et al. **Inorganic Chemistry**, **2019**, 58, 13090-13101.
- 10- Giulia Serrano, Lorenzo Poggini, Matteo Briganti, et al. **Nature Materials**, **2020**, 19, 546-551.
- 11- Francielli S. Santana, Matteo Briganti et al. **Molecules**, **2020**, 25, 1898.
- 12- Caio M. Fernandes et al. **Surfaces and Interfaces**, **2020**, 21, 100773.
- 13- Luana C. de Camargo, Matteo Briganti, et al. **Angewandte Chemie Int. Ed.**, **2021**, 60, 2588-2593.
- 14-Matteo Briganti, Eva Lucaccini et al. **Journal of the American Chemical Society**, **2021**, 143, 8108-8115.
- 15-Julia Mayans, Lorenzo Tesi, Matteo Briganti, et al. **Inorganic Chemistry**, **2021**, 60, 8692-8703.
- 16-Matteo Briganti, Federico Totti. **Dalton Transactions**, **2021**, 50, 10621-10628.
- 17-Matteo Briganti, Fabio Santanni, et al. **Journal of the American Chemical Society**, **2021**, 143, 13633-13645.
- 18-Matteo Briganti, Federico Totti, Marius Andruh. **Dalton Transactions**, **2021**, 50, 15961-15972.
- 19-Andrea Cornia, Adele Mucci, Matteo Briganti et al. **European Journal of Inorganic Chemistry** **2022**, e202100873.
- 20-Caio Machado Fernandes et al. **Colloids and Surfaces A: Physicochemical and Engineering Aspects** **2022**, <https://doi.org/10.1016/j.colsurfa.2022.128540>

Conferences And Schools

6 Oral contributions and 5 poster contributions at national and international conferences and schools

Teaching Activity

A.A. 2019

Invited Professor for the post-graduation programme in Chemistry
30 hours - Federal University of Paraná

A.A 2020

Invited Professor for the post-graduation programme in Chemistry
30 hours - Federal University of Paraná

Five seminars for Post-Graduation programs at Brazilian Universities

Other Relevant Activities

Referee for *Inorganic Chemistry (ACS)*, *Dalton Transactions (RSC)*, *Chemistry – An European Journal (Wiley)*, *New Journal of Chemistry (RSC)*, *Journal of Brazilian Chemical Society (BCS)*, *Quantum Material Research (Apres)*, *Inorganica Chimica Acta (Elsevier)*, *Molecules (MDPI)*, *International Journal of Molecular Sciences (MDPI)*.

Guest editor of *Magnetochemistry (MDPI)*