

Dr. Florian Michael Wisser

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<https://www.uni-regensburg.de/chemie-pharmazie/anorganische-chemie-wisser/startseite/index.html>

Education

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|-------------------|---|
| 06/2011 – 09/2015 | PhD thesis , Inorganic Chemistry, Dresden University of Technology, Germany
Supervisor: Prof. Dr. Stefan Kaskel |
| 10/2005 – 03/2011 | German-French Double Diploma in Chemistry
European High School for Chemistry, Polymers and Material Sciences, ECPM
Strasbourg, France and Saarland University, Germany |

Current position

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| since 03/2020 | University of Regensburg , Institute of Inorganic Chemistry
Independent group leader |
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Previous positions

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| 01/2019 – 02/2020 | French National Center for Scientific Research (CNRS) , Research Institute for
Catalysis and Environment of Lyon (IRCELYON), France
Independent group leader (Laureate CNRS-Momentum 2018) |
| 04/2016 – 12/2018 | CNRS, IRCELYON , France
Post-doctoral fellow with Prof. David Farrusseng |
| 06/2011 – 12/2015 | Dresden University of Technology , Department of Inorganic Chemistry
Scientific assistant during PhD (06/2011 – 09/2015)
Post-doctoral fellow (09/2015 – 12/2015) |

Grants & Projects

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| 03/2020 – 11/2020 | DFG Return Grant |
| 01/2019 – 12/2021 | Laureate CNRS-Momentum 2018 , „ <i>Light-harvesting microporous single-site catalysts for a sustainable CO₂ valorization</i> ” |
| since 07/2018 | TGIR-RMN (Research Infrastructure NMR), grant for measurement time at the
European Center for High Field NMR spectroscopy in Lyon |
| 04/2016 – 03/2018 | DFG Research Fellowship , “ <i>Luminescent Hybrid Materials for Photocatalysis and Sensing</i> ” |

Memberships & Organizations

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| since 2019 | Member of the French Chemical Society |
| since 2006 | Member of the Gesellschaft Deutscher Chemiker |

Scientific production

- 32 Peer-reviewed journal articles (h_{index} 16 with 869 citations from 2012)
An up-to-date publication list with the latest accepted publications can be found online: <http://orcid.org/0000-0002-5925-895X>
- 3 Patents (1 patent issued, 2 patent applications)
- 24 Oral communications in international conferences and invited lectures

Selected recent publications

- [1] Y. Mohr, G. Hisler, L. Grousset, Y. Roux, E. A. Quadrelli, **F. M. Wisser**, J. Canivet
„Nickel-catalyzed and Li-mediated regiospecific C–H arylation of benzothiophenes”
Green Chem., **2020**, 22, 3155-3161
<https://doi.org/10.1039/D0GC00917B>
- [2] Y. Mohr, M. Renom-Carrasco, C. Demarcy, E. A. Quadrelli, C. Camp, **F. M. Wisser**, E. Clot, C. Thieuleux, J. Canivet
„Regiospecificity in Ligand-Free Pd-Catalyzed C-H Arylation of Indoles: LiHMDS as Base and Transient Directing Group”
ACS Catal. **2020**, 10, 2713-2719
<https://doi.org/10.1021/acscatal.9b04864>
- [3] **F. M. Wisser***, M. Duguet, Q. Perrinet, A. C. Ghosh, M. Alves-Favaro, Y. Mohr, C. Lorentz, E. A. Quadrelli, R. Palkovits, D. Farrusseng, C. Mellot-Draznieks, V. de Waele, J. Canivet
„Molecular Porous Photosystems Tailored for Long-Term Photocatalytic CO₂”
Angew. Chem. Int. Ed. **2020**, 59, 5116-5122.
<https://doi.org/10.1002/anie.201912883>
- [4] **F. M. Wisser***, Y. Mohr, E. A. Quadrelli, J. Canivet*
„Porous Macroligands: Materials for Heterogeneous Molecular Catalysis”
ChemCatChem **2020**, 12, 1270-1275
<https://doi.org/10.1002/cctc.201902064>
- [5] X. Wang, **F. M. Wisser**, J. Canivet, M. Fontecave, C. Mellot-Draznieks
„Immobilization of a full photosystem in the large pore MIL-101 Metal-Organic Framework for CO₂ reduction”
ChemSusChem **2018**, 11, 3315-3322
<https://doi.org/10.1002/cssc.201801066>
- [6] **F. M. Wisser***, Y. Mohr, E. A. Quadrelli, D. Farrusseng, J. Canivet*
„Microporous polymers as macroligands for Cp*Rh transfer hydrogenation catalysts”
ChemCatChem **2018**, 10, 1778-1782
<https://doi.org/10.1002/cctc.201701836>
- [7] **F. M. Wisser***, P. Berruyer, L. Cardenas, Y. Mohr, E. A. Quadrelli, A. Lesage, D. Farrusseng, J. Canivet*
„Hammett parameter in microporous solids as macroligands for heterogenized photocatalysts”
ACS Catal. **2018**, 8, 1653-1661
<https://doi.org/10.1021/acscatal.7b03998>