

Publications list

- Armetta F, Defilippi C., Giordano C., Caponetti, E. Marciak L., Hreniak D., Saladino M.L., Ce:YAG supported on glass wool: effect of cerium content and heat treatment, ***submitted***
- 62** Armetta F, Saladino M.L., Giordano C.*, Defilippi C., Marciak L., Hreniak D., Caponetti E., Non-conventional Ce:YAG nanostructures via urea complexes, *Sci. Rep.*, ***in press***
- 61** Defilippi C., Mukadam M., Nicolae S., Lees M., Giordano C.*, Iron Carbide@Carbon Nanocomposites: a Tool Box of Functional Materials, *Materials*, ***invited paper, in press***
- 60** García-Márquez A., Glatze S., Kraupner A., Kiefer K., Siemensmeyer K., Giordano C.*, "Blossom-Like Iron Nitride and Carbide Magnetic Fibres via Electrospinning Technique", *Chem. Eur. J.*, **2018**, 24, 4895-4901
- 59** Maurice V., Clavel G., Antonietti M., Giordano C.*, "Aerosol-Assisted Synthesis of Porous TiNxOy@C Nanocomposites", *Chem. Eur. J.*, **2017**, 22, 11624 – 11630
- 58** Joshi U., Lee J., Giordano C., Malkhandi S., Yeo B.S., "Enhanced Catalysis of the Electrochemical Hydrogen Evolution Reaction by Molybdenum-Based Compounds, Gold Nanoparticles and Carbon Composites: Role of Mo, Au, N and C", *Physical Chemistry Chemical Physics*, **2016**, 18, 21548 – 21553
- 57** Lei W.W., Willinger M.G., Antonietti M., Giordano C.*, "GaN and Ga_xIn_{1-x}N nanoparticles with tuneable indium content: synthesis and characterization", *Chemistry: Chem. Eur. J.* ***Hot Paper, Commended with journal frontispiece***, *Chem. Eur.J.*, **2015**, 21,18976 –18982
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- 54** Milke B., Wall C., Metzke S., Clavel G., Fichtner M., Giordano C.* "A simple synthesis of MnN_{0.43}@C core-shell nanoparticles for battery applications", *Journal of Nanoparticle Research*, 16(**2014**) pp.2895/1-8.
- 53** Molinari V., Esposito D., Giordano C., Antonietti M., "Titanium Nitride-Nickel Nanocomposites as Heterogeneous Catalysts for the Hydrogenolysis of Aryl Ethers: toward depolymerization of Lignin", *JACS*, 136(5):1758-61, **2014**
- 52** Cristina Giordano. "A Neglected World: Transition Metal Nitride and Metal Carbide Based Nanostructures Novel Synthesis and Future Perspectives" (**2014**): Habilitationsschrift (Universität Potsdam)
- 51** Liu X., Giordano C., Antonietti M., "A Facile Molten-Salt Route to Graphene Synthesis", *Small*, **2014**, 10, 193–20
- 50** Skorupska A. K., Giordano C.*, Gao Q.S., Lewerenz H.J., Ramirez-Caro A., Kulesza P.; ŻołĄdek S., Fiechter S. Semiconducting Ta₃N₅-polymer Nanohybrid that Photoelectrolyze Water, *ECS Transactions*, 58, 30, 1-7, **2014**
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- 47** Chieffi G., Giordano C., Antonietti M., Esposito D., "FeNi nanoparticles with carbon armor as sustainable hydrogenation catalyst: towards biorefineries", *J. Mater. Chem. A*, 2, 11591-11596, **2014**
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- 18** Yuan J., Giordano C., Antonietti M., "Ionic Liquids Monomers and Polymers as Precursors of highly Conductive, Mesoporous, Graphitic Carbon Nanostructures", *Chemistry of Materials*, 22, 5003, **2010**
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