## List of publications: Dr. Sergio A. V. Jannuzzi

**2023**

- Keilwerth, M., Mao, W., **Jannuzzi, S. A. V.**, Grunwald, L., Heinemann, F. W., Scheurer, A., Sutter, J., DeBeer, S., Munz, D., Meyer, K. (2023) From Divalent to Pentavalent Iron Imido Complexes and an Fe(V) Nitride via N–C Bond Cleavage. *Journal of the American Chemical Society* https://doi.org/10.1021/jacs.2c09072

**2022**

- Mao, W., Fehn, D., Heinemann, F. W., Scheurer, A., van Gastel, M., **Jannuzzi, S. A. V.**, DeBeer, S., Munz, D., Meyer, K. (2022) Umpolung in a Pair of Cobalt(III) Terminal Imido/Imidyl Complexes. *Angewandte Chemie International Edition* https://doi.org/10.1002/anie.202206848
- Souilah, C., **Jannuzzi, S. A. V.**, Demirbas, D., Ivlev, S., Swart, M., DeBeer, S., Casitas, A. (2022) Synthesis of Fe(III) and Fe(IV) Cyanide Complexes Using Hypervalent Iodine Reagents as Cyano-Transfer One-Electron Oxidants". *Angewandte Chemie International Edition* https://doi.org/10.1002/anie.202201699

**2021**

- Gerz, I., **Jannuzzi, S. A. V.**, Hylland, K. T., Negri, C., Wragg, D. S., Øien-Ødegaard, S., Tilset, M., Olsbye, U., DeBeer S., Amedjkouh, M. (2021) Structural Elucidation, Aggregation and Dynamic Behaviour of N,N,N,N-Copper(I) Schiff Base Complexes in Solid and in Solution: a Combined NMR, X-ray Spectroscopic and Crystallographic Investigation". *European Journal of Inorganic Chemistry* (2021), 46, 4762–4775. https://doi.org/10.1002/ejic.202100722
- Chatterjee, S., Banerjee, S., Jana, R. D., Bhattacharya, S., Chakraborty B., **Jannuzzi, S. A. V.** (2021) Tuning the stereoelectronic factors of iron(II)-2-aminophenolate complexes for the reaction with dioxygen: oxygenolytic C–C bond cleavage vs. oxidation of complex. *Dalton Transactions* https://doi.org/10.1039/D0DT03316B

**2017**

- de Arruda, E. G. R., de Farias, M. A., **Jannuzzi, S. A. V.**, Gonsales, S. A., Timm, R. A., Sharma, S., Zoppellaro, G., Kubota, L. T., Knobel, M., Formiga, A. L. B. (2017) Synthesis, structural and magnetic characterization of a copper(II) complex of 2,6-di-(1H-imidazol-2-yl)-pyridine and its application in copper-mediated polymerization catalysis. *Inorganica Chimica Acta* https://doi.org/10.1016/j.ica.2017.06.073
- **Jannuzzi, S. A. V.**, Martins, B., Huamaní, L., Formiga, A. L. B. (2017). Supramolecular approach to decorate multi-walled carbon nanotubes with negatively charged iron(II) complexes. *Journal of the Brazilian Chemical Society* http://dx.doi.org/10.5935/0103-5053.20160137

**2016**

- **Jannuzzi, S. A. V.**, de Arruda, E. G. R., Lima, F. A., Ribeiro, M. A., Brinatti, C., Formiga, A. L. B. (2016). Enzyme-like selectivity on metalloporphyrin-catalyzed oxidation by a linear homopolymer. *Chemistry Select* http://dx.doi.org/10.1002/slct.201600597
- **Venturinelli Jannuzzi, S. A.**, Phung, Q. M., Domingo A., Formiga, A. L. B., Pierloot, K. (2016). Spin-state energetics and oxyl character of Mn-oxo porphyrins by multiconfigurational ab initio calculations: implications on reactivity. *Inorganic Chemistry* https://doi.org/10.1021/acs.inorgchem.5b02920

**2014**

- Gallo, M. C., Pires, B. M., Toledo, K. C. F., **Jannuzzi, S. A. V.**, de Arruda, E. G. R., Formiga A. L. B., Bonacin, J. A. (2014). The use of modified electrodes by hybrid systems gold nanoparticles/Mn-porphyrin in electro-chemical detection of cysteine. *Synthetic Metals* https://doi.org/10.1016/j.synthmet.2014.10.024
- Pires, B. M., **Jannuzzi, S. A. V.**, Formiga, A. L. B., Bonacin, J. A. (2014) Prussian Blue Films Produced by Pentacyanidoferrate(II) and Their Application as Active Electrochemical Layers.

*European Journal of Inorganic Chemistry* http://onlinelibrary.wiley.com/doi/10.1002/ejic.201402760/full

**2013**

- Corrêa, C. C., **Jannuzzi, S. A. V.**, Santhiago, M., Timm, R. A., Formiga, A. L. B., Kubota, L. T. (2013) Modified electrode using multi-walled carbon nanotubes and a metallopolymer for amperometric detection of L-cysteine. *Electrochimica Acta* https://doi.org/10.1016/j.electacta.2013.09.050

**2012**

- **Jannuzzi, S. A. V.**, Martins, B., Felisberti, M. I., Formiga, A. L. B. (2012) Supramolecular interactions between inorganic and organic blocks of pentacyanoferrate/poly (4-vinylpyridine) hybrid metallopolymer. *The Journal of Physical Chemistry B* http://pubs.acs.org/doi/abs/10.1021/jp308583a

**2011**

- Linares, E. M., **Jannuzzi, S. A. V.**, Galembeck, F. (2011) Electrostatic contributions in the increased compatibility of polymer blends. *Langmuir* http://pubs.acs.org/doi/abs/10.1021/la2029998

**2010**

- Santos, R. S., **Jannuzzi, S. A. V.**, Formiga, A. L. B. (2010) Homo and heterotrinuclear iron acetates: an experiment for the coordination chemistry laboratory. *Química Nova* https://doi.org/10.1590/S0100-40422010000800034

**2009**

- Allen, M. J., Wang, M., **Jannuzzi, S. A. V.**, Yang, Y., Wang, K. L., Kaner, R. B. (2009) Chemically induced folding of single and bilayer graphene. *Chemical Communications* https://doi.org/10.1039/B911972H

**2008**

- Galemeck, F., Bragança, F. C., **Jannuzzi, S. A. V.**, Processo para obtenção de filmes laminados nanoestruturados espessos auto-adesivos e Filme laminado nanoestruturado espesso [Process to Obtain Thick Self-Adhesive Nanostructured Laminate Films And Thick Laminated Nanostructured Films], Brazilian National Institute of Industrial Property, Pat. No. PI0802770-6.