

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

2022

- W Mao, D Fehn, FW Heinemann, A Scheurer, M van Gastel, **SAV Jannuzzi**, S DeBeer, D Munz and K Meyer. "Umpolung in a Pair of Cobalt(III) Terminal Imido/Imidyl Complexes". *Angewandte Chemie International Edition* (2022) 61, e202206848. <https://doi.org/10.1002/anie.202206848>
- C Souilah, **SAV Jannuzzi**, D Demirbas, S Ivlev, M Swart, S DeBeer and A Casitas. "Synthesis of Fe(III) and Fe(IV) Cyanide Complexes Using Hypervalent Iodine Reagents as Cyano-Transfer One-Electron Oxidants". *Angewandte Chemie International Edition* (2022), 61.22, e202201699. <https://doi.org/10.1002/anie.202201699>

2021

- I Gerz, **SAV Jannuzzi**, KT Hylland, C Negri, DS Wragg, S Øien-Ødegaard, M Tilst, U Olsbye, S DeBeer and M Amedjkouh. "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>
- S Chatterjee, S Banerjee, RD Jana, S Bhattacharya, B Chakraborty and **SAV Jannuzzi**. "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* (2021), 50.5, 1901–1912. <https://doi.org/10.1039/D0DT03316B>

2017

- EGR de Arruda, MA de Farias, **SAV Jannuzzi**, SA Gonsales, RA Timm, S Sharma, G Zoppellaro, LT Kubota, M Knobel, and ALB Formiga. "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* (2017) 466, 456–463. <https://doi.org/10.1016/j.ica.2017.06.073>
- **SAV Jannuzzi**, B Martins, L Huamani, and ALB Formiga. "Supramolecular approach to decorate multi-walled carbon nanotubes with negatively charged iron(II) complexes". *Journal of the Brazilian Chemical Society* (2017) 28.1, 2–10. <http://dx.doi.org/10.5935/0103-5053.20160137>

2016

- **SAV Jannuzzi**, EGR Arruda, FA Lima, MA Ribeiro, C Brinatti, and ALB Formiga. "Enzyme-like selectivity on metalloporphyrin-catalyzed oxidation by a linear homopolymer". *Chemistry Select* (2016) 1.10, 2235–2243. <http://dx.doi.org/10.1002/slct.201600597>
- **SA Venturinelli Jannuzzi**, QM Phung, A Domingo, ALB Formiga, and K Pierloot. "Spin-state energetics and oxyl character of Mn-oxo porphyrins by multiconfigurational ab initio calculations: implications on reactivity". *Inorganic Chemistry* (2016) 55.11, 5168–517. <http://pubs.acs.org/doi/abs/10.1021/acs.inorgchem.5b02920>

2014

- MC Gallo, BM Pires, KCF Toledo, **SAV Jannuzzi**, EGR Arruda, ALB Formiga, and JA Bonacin. "The use of modified electrodes by hybrid systems gold nanoparticles/Mn-porphyrin in electro-chemical detection of cysteine". *Synthetic Metals* (2014) 198, 335–339. <https://doi.org/10.1016/j.synthmet.2014.10.024>

- BM Pires, **SAV Jannuzzi**, ALB Formiga, and JA Bonacin. “Prussian Blue Films Produced by Pentacyanidoferrate(II) and Their Application as Active Electrochemical Layers”. *European Journal of Inorganic Chemistry* (2014), 34, 5812–5819.
<http://onlinelibrary.wiley.com/doi/10.1002/ejic.201402760/full>

2013

- CC Corrêa, **SAV Jannuzzi**, M Santhiago, RA Timm, ALB Formiga, and LT Kubota. “Modified electrode using multi-walled carbon nanotubes and a metallopolymer for amperometric detection of L-cysteine”. *Electrochimica Acta* (2013), 113, 332–339.
<https://doi.org/10.1016/j.electacta.2013.09.050>

2012

- **SAV Jannuzzi**, B Martins, MI Felisberti, and ALB Formiga. “Supramolecular interactions between inorganic and organic blocks of pentacyanoferrate/poly (4-vinylpyridine) hybrid metallopolymer”. *The Journal of Physical Chemistry B* (2012) 116, 51, 14933–14942.
<http://pubs.acs.org/doi/abs/10.1021/jp308583a>

2011

- EM Linares, **SAV Jannuzzi**, and F Galembeck. “Electrostatic contributions in the increased compatibility of polymer blends”. *Langmuir* (2011) 27, 24, 15199–15205.
<http://pubs.acs.org/doi/abs/10.1021/la2029998>

2010

- RS Santos, **SAV Jannuzzi**, and ALB Formiga. “Homo and heterotrinnuclear iron acetates: an experiment for the coordination chemistry laboratory”. *Química Nova* (2010) 33, 8, 1815–1820. <https://doi.org/10.1590/S0100-40422010000800034>

2009

- MJ Allen, M Wang, **SAV Jannuzzi**, Y Yang, KL Wang, and RB Kaner. “Chemically induced folding of single and bilayer graphene”. *Chemical Communications* (2009) 41, 6285–6287.
<https://doi.org/10.1039/B911972H>

2008

- F Galemeck, FC Bragança, **SAV Jannuzzi**, “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.