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Personal Summary

Bachelor's in Chemistry (1997) and Ph.D. in Physical Chemistry (2005) by the University of Brasília (Brazil). He was a postdoctoral researcher at the Sorbonne University, Paris (France) from 2006 to 2007 in the nanomaterial area. Currently, he is Associate Professor at the University of Brasília, where he also served as coordinator of the Graduate Program in Materials Science from 2014-2018. He has been active in magnetic colloids and nanoparticles for over 20 years and his current research involves ferrofluids, magnetic nanoadsorbents for water pollution remediation and ferrite-based nanocatalysts for green fuel combustion.

Languages

Portuguese: ★★★★★

English: ★★★★★

French: ★★★★★

Spanish: ★★★★★

Academic Advisory

Master's Thesis: 14 (Graduate Programs in Materials Science and in Chemistry)

Ph.D Thesis: 3 (Graduate Programs in Chemistry and in Biological and Chemical Technologies)

Recent Projects (as coordinator)

2017 – 2021: FAP-DF (Call 04/2017) – *Research and Development of Advanced Nanomaterials for Technological Applications: Nanocatalysts for Green Fuels Combustion and Magnetic Nanoadsorbents for Wastewater Treatment*

2016 – 2020: CNPq (Call Universal 2016) – *Elaboration of Magnetic Nanoadsorbents for Dye Removal from Textiles Wastewater*

2014 – 2017: FAP-DF (Call 05/2014) – *Synthesis, Characterization and Applications of Magnetic Nanoadsorbents for Water Pollution Remediation*

Recent Publications (5 years)

1. Batalioto, F.; Barbero, G.; **Campos, A. F. C.**; Figueiredo Neto, A. M. *Physical Chemistry Chemical Physics*, V. 23, P. 2819-2824, 2021.
2. Da Silva, A. O.; Rodrigues, M. O.; Sousa, M. H.; **Campos, A. F. C.** *Colloids and Surfaces A-Physicochemical and Engineering Aspects*, V. 621, P. 126578, 2021.
3. Omelyanchik, A.; Da Silva, F. G.; Gomide, G.; Kozenkov, I.; Depeyrot, J.; Aquino, R.; **Campos, A. F. C.**; Fiorani, D.; Peddis, D.; Rodionova, V.; Jovanović, S. *Journal of Alloys and Compounds*, V. 883, P. 160779, 2021.
4. Rosa, E. V.; Fascineli, M. L.; Da Silva, I. C.R.; Rodrigues, M. O.; Chaker, J. A.; Grisolia, C. K.; Moya, Se. E.; **Campos, A. F. C.**; Sousa, M. H. *Environmental Nanotechnology, Monitoring & Management*, V. 16, P. 100549, 2021.
5. **Campos, A. F. C.**; Reis, P. F.; Neiva, J. V. C. M.; Guerra, Ana A. A.M.; Kern, Cynara; Silva, M. F. P.; Silva, F. G.; Gomide, G.; Depeyrot, J. *Materials Research-Ibero-American Journal Of Materials*, V. 24, P. E20210217, 2021.
6. Moreira, A.F.L.; Paula, F.L.O.; **Campos, A. F. C.**; Depeyrot, J. *Journal of Solid State Chemistry*, V. 286, P. 121269, 2020.
7. Guerra, A. A. M.; **Campos, A. F. C.** De Lima, R. M.; Kern, C.; Da Silva, F. Gomes; Gomide, G.; Depeyrot, J.; Amorim, A. K. B. *Journal of Environmental Chemical Engineering*, V. 8, P. 103888, 2020.
8. De Oliveira, H. A. L.; **Campos, A. F. C.**; Gomide, G.; Zhang, Y.; Ghoshal, S. *Colloids and Surfaces A-Physicochemical and Engineering Aspects*, V. 600, P. 125002, 2020.
9. Leão, T. P.; Neves, H. Vi.; **Campos, A. F. C.**; Pinheiro, T. D.; De Figueiredo, C. C. *Colloids and Surfaces A-Physicochemical and Engineering Aspects*, V. 603, P. 125214, 2020.
10. Da Silva, M. F. P.; Souza, E. J. P.; Junior, A. T. S.; Cavallari, M. R.; Paterno, L. G.; **Campos, A. F. C.**; Fonseca, F. J.; Bernardi, J. V. E.; Landers, R. *Journal of Materials Science-Materials In Electronics*, V. 31, P. 14443-14453, 2020.
11. Fiuza, T.; Gomide, G.; **Campos, A. F. C.**; Messina, F.; Depeyrot, Jerome. C *Journal of Carbon Research*, v. 5, p. 74-87, 2019.
12. Vieira, C. A. M.; Gomes, R. C.; Silva, F. G.; Dias, Argleydson Leão; Aquino, R.; **Campos, A. F. C.**; Depeyrot, J. *JOURNAL OF PHYSICS-CONDENSED MATTER*, v. 31, p. 175801, 2019.
13. Silva, F. G.; Depeyrot, J.; **Campos, A. F. C.**; Aquino, R.; Fiorani, D.; Peddis, D. *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, v. 19, p. 4888-4902, 2019.
14. **Campos, A. F. C.**; Silva, F. N.; Almeida, M. R. B.; Sales, L. C. A.; Brito, P. H. M.; Oliveira, H. A. L. *ORBITAL: THE ELECTRONIC JOURNAL OF CHEMISTRY*, v. 11, p. 64-70, 2019.
15. **Campos, A. F. C.**; BRITO, P. H. M ; SILVA, F. G.; Gomes, R. C.; Gomide, G.; Depeyrot, J. *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING*, v. 7, p. 103031, 2019.
16. Gouvea, H. R ; Paula, D. F.; Silva, T. A. P.; **Campos, A. F. C.**; Ito, M. K. *ORBITAL: THE ELECTRONIC JOURNAL OF CHEMISTRY*, v. 11, p. 168-177, 2019.

17. **CAMPOS, A. F. C.**; Oliveira, H. A. L.; Silva, F. N.; Silva, F. G.; Coppola, P.; Aquino, R.; Mezzi, A; Depeyrot, J. JOURNAL OF HAZARDOUS MATERIALS, v. 362, p. 82-91, 2018.
18. **Campos, A. F. C.**; Medeiros, W. C.; Aquino, R.; Depeyrot, J. Materials Research-Ibero-American Journal of Materials., V.20, P.1729 - 1734, 2017.
19. Filomeno, C. L.; Kouyate, M.; Peyre, V.; Demouchy, G.; **Campos, A. F. C.**; Perzynski, R.; Tourinho, F. A.; Dubois, E. Journal of Physical Chemistry. C, V. 121, P. 5539-5550, 2017.
20. Coppola, P.; Da Silva, F. G.; Gomide, G.; Paula, F. L. O.; **Campos, A. F. C.**; Perzynski, R.; Kern, C.; Depeyrot, J. Aquino, R. Journal of Nanoparticle Research, V. 18, P. 1-15, 2016.
21. Rodovalho, F. L.; Capistrano, G.; Gomes, J. A.; Sodré, F. F.; Chaker, J. A; **Campos, A. F. C.**; Bakuzis, A.F.; Sousa, M. H. Chemical Engineering Journal, V. 302, P. 725-732, 2016.
22. Filomeno, C. L.; Marinho, E. P.; Aquino, R.; Silva, F. G.; Dubois, E.; Depeyrot, J.; **Campos, A. F. C.** New Journal of Chemistry, V. 40, P. 6405-6413, 2016.