

Linha de Pesquisa: QUÍMICA DE SUPERFÍCIES E DE COLOIDES

1. PORSANI, N.K; SANTOS, M.K; ROCHA, A.M; TROMBINI, V; ANA, P.A; TERCINI, M.B; SETZ, L.F.G. *Beta-phosphate tricalcium colloidal processing*. **Ceramics International**, v. 46, p. 2648-2653, 2019.

<https://doi.org/10.1016/j.ceramint.2019.09.249>

3. PORSANI, N.K; TROMBINI, V; ANA, P.A; SETZ, L.F.G. *Avaliação reológica da hidroxiapatita*. **Cerâmica**, v. 64, p. 325-330, 2018.

<https://doi.org/10.1590/0366-69132018643712334>

4. SANTOS, S.C; YAMAGATA, C; SILVA, A.C.; SETZ, L.F.G; MELLO-CASTANHO, S.R.H. *Yttrium Disilicate Micro-Cellular Architecture from Biotemplating of Luffa Cylindrica*. **Journal of Ceramic Science and Technology**, v. 5, p. 203-208, 2014.

<https://doi.org/10.4416/JCST2014-00008>

5. SETZ, L.F.G; SILVA, A.C; SANTOS, S.C; MELLO-CASTANHO, S.R.H; MORELLI, M.R. *A viscoelastic approach from α -Al₂O₃ suspensions with high solids content*. **Journal of the European Ceramic Society**, v. 33, p. 3211-3219, 2013.

<https://doi.org/10.1016/j.jeurceramsoc.2013.06.002>

6. SETZ, L.F.G; MELLO-CASTANHO, S.R.H. *Conformação de Fitas a Partir de Suspensões Coloidais de Cromito de Lantânio*. **Revista Mackenzie de Engenharia e Computação**, v. 12, p. 44-58, 2012.

<http://editorarevistas.mackenzie.br/index.php/rmec/article/view/3840>

7. SETZ, L.F.G; KOSHIMIZU, L; MELLO-CASTANHO, S.R.H; MORELLI, M.R. *Rheological Analysis of Ceramics Suspensions with High Solids Loading*. **Materials Science Forum**, v. 727-28, p. 646-651, 2012.

<https://doi.org/10.4028/www.scientific.net/MSF.727-728.646>

8. SETZ, L.F.G; SANTACRUZ, I; COLOMER, M.T; MORENO, R; MELLO-CASTANHO, S.R.H. *Comportamento reológico de suspensões aquosas de cromito de lantânio*. **Cerâmica**, v. 57, p. 237-243, 2011.

<https://doi.org/10.1590/S0366-69132011000200017>

9. SETZ, L.F.G; SANTACRUZ, I; COLOMER, M.T; MELLO-CASTANHO, S.R.H; MORENO, R. *Fabrication of Sr- and Co-doped Lanthanum Chromite Interconnectors for SOFC*. **Materials Research Bulletin**, v. 46, p. 983-986, 2011.

<https://doi.org/10.1016/j.materresbull.2011.03.019>

10. SETZ, L.F.G; SANTACRUZ, I; COLOMER, M.T; MELLO-CASTANHO, S.R.H; MORENO, R. *Tape casting of strontium and cobalt doped lanthanum chromite suspensions*. **Journal of the European Ceramic Society**, v. 30, p. 2897-2903, 2010.

<https://doi.org/10.1016/j.jeurceramsoc.2010.02.019>

11. SETZ, L.F.G.; MELLO-CASTANHO, S.R.H. *Determining the Lanthanum Chromite Zeta Potential in Aqueous Media*. **Materials Science Forum**, v. 660-661, p. 1145-1150, 2010.

<https://doi.org/10.4028/www.scientific.net/MSF.660-661.1145>

12. SANTOS, S.C; SETZ, L.F.G; YAMAGATA, C; MELLO-CASTANHO, S.R.H. *Rheological Study of Yttrium Oxide Aqueous Suspensions*. **Materials Science Forum**, v. 660-661, p. 712-717, 2010.

<https://doi.org/10.4028/www.scientific.net/MSF.660-661.712>

13. SETZ, L.F.G; MELLO-CASTANHO, S.R.H; COLOMER, M.T; MORENO, R. *Surface behaviour and stability of strontium and cobalt doped-lanthanum chromite powders in water*. **Solid State Ionics**, v. 180, p. 71-75, 2009.

<https://doi.org/10.1016/j.ssi.2008.11.003>