

New elaboration route of oxycarbide SiC/B₄C composite layers for ballistic applications

C. Aharonian, P.-M. Geffroy, N. Tessier-Doyen, **C. Pagnoux**

Journal of Sol-Gel Science and Technology, December 2016, 80, 3, 626–634

Environmental release of engineered nanomaterials from commercial tiles under standardized abrasion conditions

C. Bressot, N. Manier, C. Pagnoux, O. Aguerre-Chariol, M. Morgeneyer

Journal of Hazardous Materials, 322, Part A, 15 January 2017, 276-283

Processing alumina spheres by a colloidal route using silica-polystyrene hybrid nanoparticles

A. Aimable, Q. Monégier du Sorbier, **C. Pagnoux**, N. Tessier-Doyen

J. Eur. Ceram. Soc, 37, 2017, 5149-5156

Assessment of functional nanomaterials in medical applications: can time mend public and occupational health risks related to the products' fate?

Bressot C, Aubry A, **Pagnoux C**, Aguerre-Chariol O, Morgeneyer M.

Journal of Toxicology and Environmental Health, Part A. 2018:1-17.

Cylindrical Couette flow of Laponite dispersions

M. Bienia, C. Danglade, A. Lecomte, J. Brevier, **C. Pagnoux**

Applied Clay Science, 162, 2018, 83-89

Taylor–Couette vortex flow of ceramic dispersions

M. Bienia, C. Danglade, A. Lecomte, J. Brevier, **C. Pagnoux**

European Journal of Mechanics - B/Fluids, 75, May–June 2019, 279-285

Preparation and co-dispersion of TiO₂-Y₂O₃ suspensions through the study of their rheological and electrokinetic properties

F. La Lumia, L. Ramond, **C. Pagnoux**, G. Bernard-Granger

Ceramics International, 45, 3, 2019, 3023-3032

Fabrication of homogenous pellets by freeze granulation of optimized TiO₂-Y₂O₃ suspensions

F. La Lumia, L. Ramond, **C. Pagnoux**, G. Bernard-Granger

Journal of the European Ceramic Society, 39, 6, 2019, 2168-2178

La_{0.6}Sr_{0.4}Fe_{0.8}Co_{0.2}O_{3-δ} electrophoretic coating for oxygen transport membranes

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