

## Publications, Processes & Surfaces Pole (PSP)

2012 - 2017

### Scientific books

Darque-Ceretti E., Aucouturier M., *Dorure; Décor et sublimation de la matière*, Presses des Mines, 2012, ISBN : 978-2-911256-71-4

### Entries in encyclopediae

Darque-Ceretti E., Felder E., Monasse B., « Caractérisation physico-chimique de revêtements et films minces à applications tribologiques », Techniques de l'Ingénieur, article TI5110 (2012)

Darque-Ceretti E., Aucouturier M., Lehuédé P., « Spectrométrie de masse d'ions secondaires : SIMS et ToF-SIMS- Principes et appareillages », Les Techniques de l'Ingénieur, article P2618V4 (2014)

Darque-Ceretti E., Aucouturier M., Felder E., « Dorures : mise en forme et procédés », Les Techniques de l'Ingénieur, article N4900 (2015)

Darque-Ceretti E., Aucouturier M., Lehuédé P., « Spectrométrie de masse d'ions secondaires : SIMS et ToF-SIMS- Procédures d'analyse et performances », Les Techniques de l'Ingénieur, article P2619V2 (2015)

Felder E., Montmitonnet P., « Théorie de l'usure. Mesure, caractérisation des contacts et vitesse d'usure », Les Techniques de l'Ingénieur, article TRI 500 (2015)

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Montmitonnet P., Laminage. Analyse thermomécanique 2D et application aux produits plats. Les Techniques de l'Ingénieur (2016)

Montmitonnet P., « Laminage. Objectifs et enjeux de la modélisation ». Les Techniques de l'Ingénieur (2016)

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Gueit E., Darque-Ceretti E., Tintillier P., Horgnies M., “Surfactant-induced growth of a calcium hydroxide coating at the concrete surface”, *Journal of Coatings Technology and Research* 9, 3, 337-346 (2012).

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Payen G.R., Felder E., Repoux M., Mataigne J.M., “Influence of contact pressure and boundary films on the frictional behaviour and on the roughness changes of galvanized steel sheets”, *wear* 276, 48-52 (2012).

Queyroy S., Monasse B., “Effect of the molecular structure of semicrystalline polyethylene on mechanical properties studied by molecular dynamics”, *Journal of Applied Polymer Science* 125, 6 4358-4367 (2012).

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