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(NIMS)

ACS Applied Materials & Interfaces

2020

JP18K19132,

JP19H04699, J P20H02439

Robust Structurally Colored Coatings Composed of Colloidal Arrays
Prepared by the Cathodic Electrophoretic Deposition Method with Metal
Cation Additives

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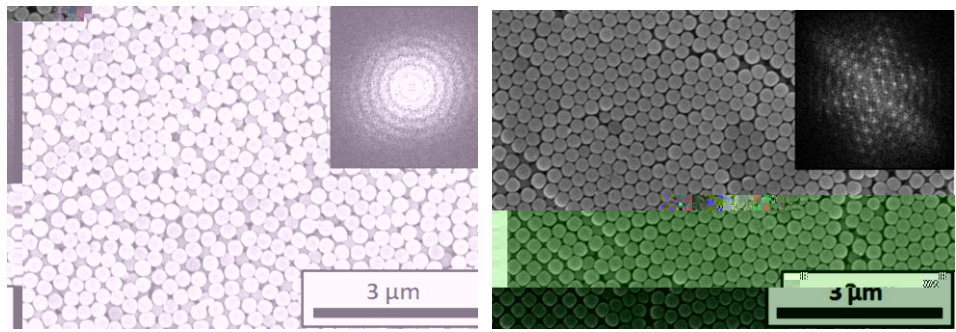
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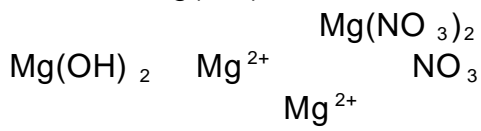
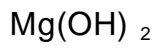
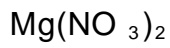
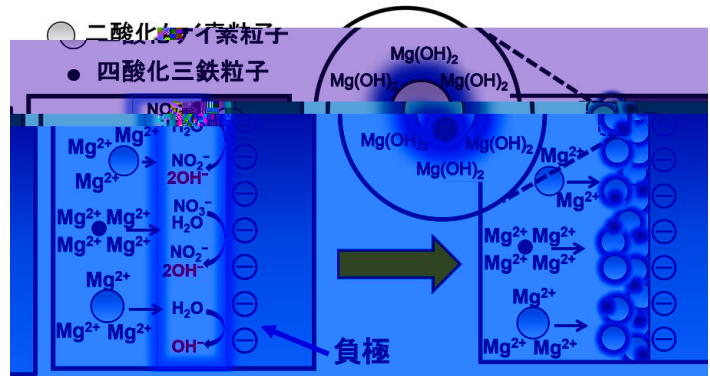


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(a)



突き刺し前



突き刺し中



突き刺し後

(b)



突き刺し前



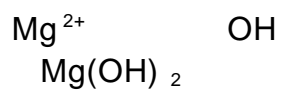
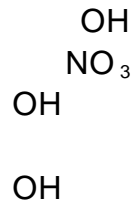
突き刺し中



突き刺し後

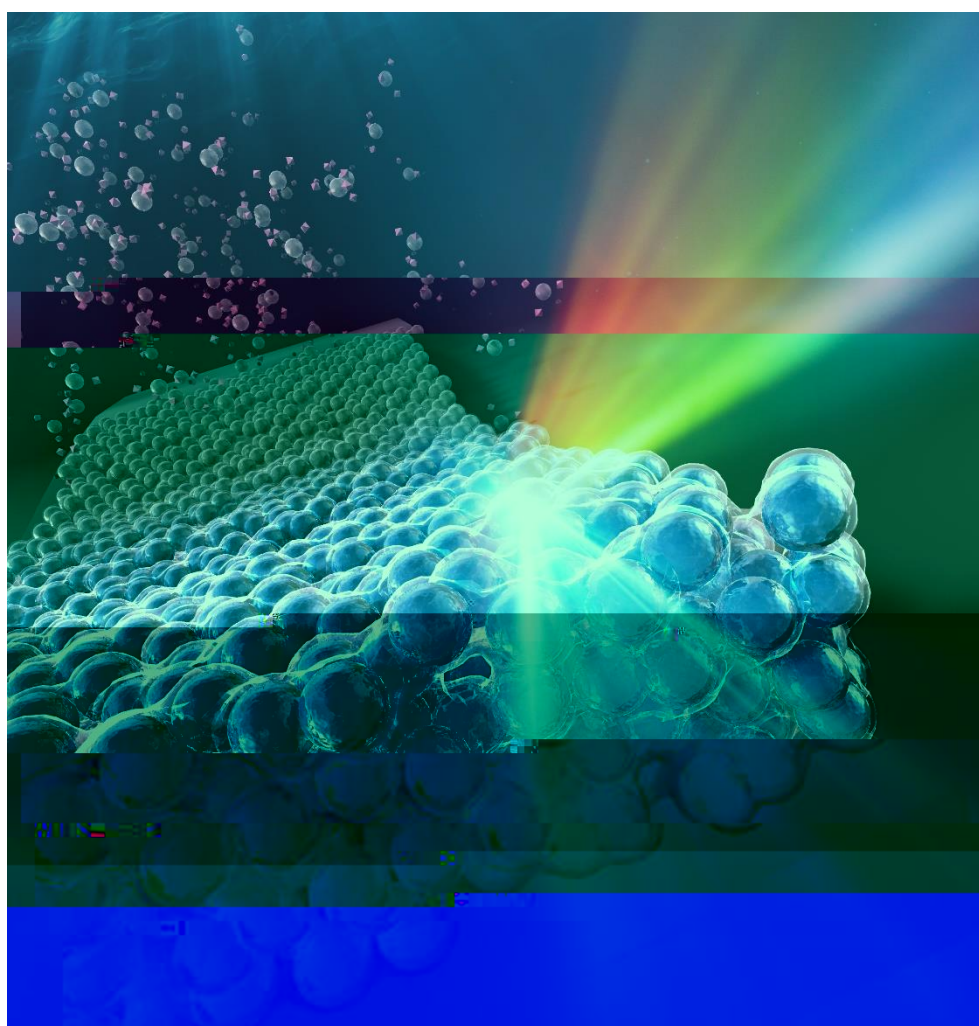
a

b



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SDGs



Katagiri, K.; Tanaka, Y.; Uemura, K.; Inumaru, K.; Seki, T.; Takeoka, Y. Structural Color Coating Films Composed of an Amorphous Array of Colloidal Particles via Electrophoretic Deposition. *NPG Asia Mater.* **2017** , *9*, e355.

Katagiri, K.; Uemura, K.; Uesugi, R.; Inumaru, K.; Seki, T.; Takeoka, Y. Structurally Colored Coating Films with Tunable Iridescence Fabricated via Cathodic Electrophoretic Deposition of Silica Particles. *RSC Adv.* **2018** , *8*, 10776–10784.

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E-mail _____

