Stabilizer-Free Metal Nanoparticles and Metal–Metal Oxide Nanocomposites with Long-Term Stability Prepared by Physical Vapor Deposition into Ionic Liquids

K. Richter, A. Birkner, A.-V. Mudring

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Easy peasy: Physical vapor deposition by substrate evaporation into ionic liquids is a simple, clean, and facile way to prepare metal and metal–metal oxide colloids that are stable for long periods of time. The use of ionic liquids means that the liquid does not need to be frozen, as is otherwise the case, nor are additional stabilizers necessary.