



第57回 未来化学創造センター セミナー

共催： 技術研究組合BEANS研究所 (第11回BEANSセミナー)



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Highly Efficient Cu(I) Complexes as Phosphorescent Materials for Electroluminescent Devices

Employing Cu(I) complexes with diimine and triphenylphosphine mixed-ligand as electrophosphorescent materials have attracted much attention, especially while considering that current phosphorescent compounds are mainly third-row noble metal complexes. However, the last investigation indicates that the small counterions of ionic Cu(I) complexes will drift in the device upon application of a bias and decrease the device performance. To prevent the redistribution of counterions in device, mixed-ligand Cu(I) complexes with larger counterions or neutral Cu(I) complexes without counterions have been applied to OLEDs (organic light-emitting diodes) fabrication.

皆様のご参加をお待ちしております。

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