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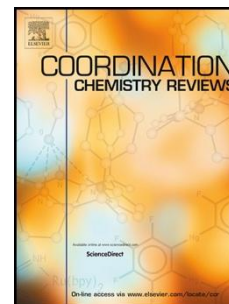
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**Metallacrown-based compounds: applications in catalysis, luminescence, molecular magnetism, and adsorption**

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