Title: Hypersurfaces with Codazzi-type shape operator for a Tanaka–Webster connection

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Perez and Suh have classified the hypersurfaces in complex projective space \( \mathbb{CP}^n \) which satisfy the condition given in the title, under the assumption that \( n \geq 3 \). In this paper, we complete the classification by proving the same result for the complex hyperbolic space \( \mathbb{CH}^n \) as well as for \( \mathbb{CP}^n \). Our proof holds for all \( n \geq 2 \).

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