

## A1 Publications Veronique Van Speybroeck

2026

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[Totally conjugated and coplanar covalent organic frameworks as photocatalysts for water purification: Reduction of Cr \(VI\) while oxidizing water borne organic pollutants](#) , L. Wang, J. Chakraborty, K. S. Rawat, M. Deng, J. Sun, Y. Wang, V. Van Speybroeck, P. Van der Voort , *Separation and Purification Technology* , 359, 1, 130368 , **2025**

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[Increasing the Phase Stability of CsPbI<sub>3</sub> Nanocrystals by Zn<sup>2+</sup> and Cd<sup>2+</sup> Addition: Synergy of Transmission Electron Microscopy and Molecular Dynamics](#) , I. Skvortsova, T. Braeckevelt, A. De Backer, N. Schrenker, B. Pradhan, J. Hofkens, S. Van Aert, V. Van Speybroeck, S. Bals , *ACS Nano* , 19, 18, 17698-17708 , **2025**

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