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Exploring van der Waals materials with high anisotropy: geometrical and optical approaches

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Programmable Carbon Nanotube Networks: Controlling Optical Properties Through Orientation and Interaction

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Aleksey V. Arsenin, Valentyn S. Volkov, Dmitriy I. Yakubovsky, Dmitriy V. Grudinin, Georgy A. Ermolaev, Kirill Voronin, Dmitry A. Svintsov, Andrey A. Vyshnevyy, Mikhail S. Mironov

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Physisorption-Mediated Charge Transfer in TiS₂ Nanodiscs: A Room Temperature Sensor for Highly Sensitive and Reversible Carbon Dioxide Detection

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