

PEER-REVIEWED PUBLICATIONS (corresponding author is underlined).

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Hydrogen Halides: New Applications for Laser-Ion Acceleration, Magnetometry, and Polarized Nuclear Fusion” [*Light: Science & Applications* **10**, 35 \(2021\)](#).

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92. C. S. Kannis, J. Suárez & T. P. Rakitzis, “Macroscopic production of spin-polarized hydrogen atoms from the IR-excitation and photodissociation of molecular beams” [*Mol. Phys.* **119**, e1975053 \(2021\)](#).

93. C. S. Kannis and **T. Peter Rakitzis**, “Macroscopic production of highly nuclear-spin-polarized molecules from IR-excitation and photodissociation of molecular beams” [*Chem. Phys. Lett.* **784**, 139092 \(2021\)](#).

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INVITED CHAPTER CONTRIBUTIONS

• “Imaging in Chemical Dynamics; Technology and Applications” Ben Whitaker (Ed.), Cambridge University Press, Cambridge, 2003.

(1) Chapter 4, “Orientation and Alignment,”

(2) Chapter 10, “Measurement of state resolved differential cross-sections of bimolecular reactions using single beam velocity imaging,” with T.N. Kitsopoulos,

(3) Chapter 11, “Slice imaging: a new approach to ion imaging and velocity mapping,” with T.N. Kitsopoulos

• “Chiral Analysis”, Prasad L. Polavarapu (Ed.), Elsevier, Amsterdam, 2018.

(4) Chapter 16, “Cavity-based Chiral Polarimetry”, by D. Sofikitis, G.E. Katsoprinakis, A.K. Spiliotis, T.P. Rakitzis.