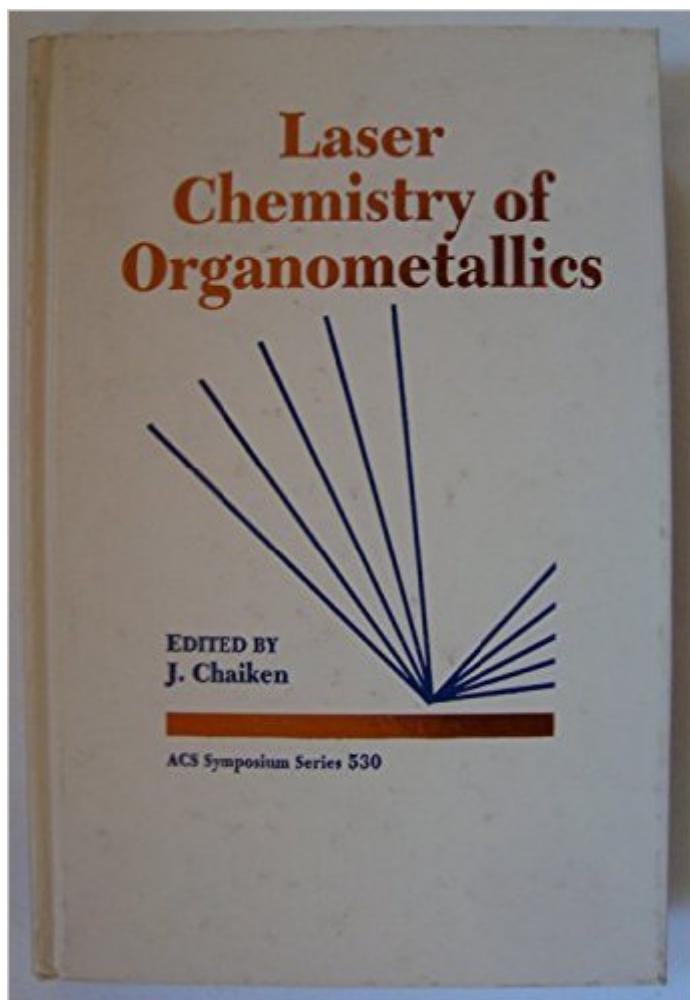


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# Laser Chemistry Of Organometallics (ACS Symposium Series)



## Synopsis

Examines single photon and multiphoton organometallic chemistry for a range of environments, including isolated molecules, molecules in the bulk gas, liquid, and solid phases, and molecules in clusters. Covers the dynamics of unimolecular dissociation and molecular collisions. Reviews such applications as the use of lasers for homogeneous photocatalysis, ultrafine particle production, III-V semiconductor growth, laser-driven chemical vapor deposition, and laser processing of metal-containing polymers. Describes state-of-the-art research strategies, ranging from the use of cryogenic liquid rare gases in synthetic and mechanistic studies to a variety of spectroscopic techniques.

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