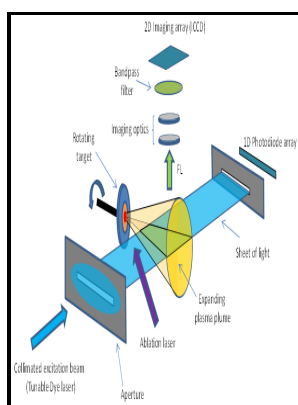


# Laser-Induced fluorescence studies of reaction dynamics

University of Birmingham - CiteSeerX — PICOSECOND LASER STUDIES OF THE EFFECTS OF REACTANTS ON INTRAMOLECULAR ENERGY RELAXATION OF DIPHENYLKARBENE: REACTION OF DIPHENYLCARBENE WITH ALCOHOLS



Description: -

-Laser-Induced fluorescence studies of reaction dynamics

-Laser-Induced fluorescence studies of reaction dynamics

Notes: Thesis (Ph.D)-University of Birmingham, School of Chemistry, 1990.

This edition was published in 1989



Filesize: 67.28 MB

Tags: #Laser #Induced #Fluorescence #Spectroscopy

## Characterisation Of Excited Atom Reaction Dynamics By Laser Induced Fluorescence

H Abstraction Channels in the Crossed-Beam Reaction of F + 1-Propanol, 1-Butene and 1-Hexene by DC Slice Imaging.

## Infrared chemiluminescence and laser

The Journal of Chemical Physics 2005, 123 22 , 224307. Doxorubicinone is an aglycone metabolite of doxorubicin that results from oxidative cleavage of the daunosamine sugar, but also form as a result of acid catalyzed cleavage of the daunosamine sugar during the sample preparation.

## Laser

The relative quantum yield of doxorubicinol to doxorubicin was 1. Different products, such as crotonaldehyde and methyl vinyl ketone, were detected by gas chromatography as stable products of photodissociation.

## Characterisation Of Excited Atom Reaction Dynamics By Laser Induced Fluorescence

Rate constants, branching fractions, and energy disposal for the H+ClO and H+SF reactions. Previously, the result of spectroscopic analysis on a prototypical Jahn-Teller molecule, the methoxy radical CH<sub>3</sub>O, has enabled the determination of geometric change as small as ~1 mÅ in bond lengths and ~1 degree in bond angles.

## CiteSeerX — PICOSECOND LASER STUDIES OF THE EFFECTS OF REACTANTS ON INTRAMOLECULAR ENERGY RELAXATION OF DIPHENYLKARBENE: REACTION OF DIPHENYLCARBENE WITH ALCOHOLS

This has been the case in the analysis of metabolic products of doxorubicin, a widely-used fluorescent anthracycline for the treatment of tumors and

leukemia.

## Related Books

- [Produzione libraria e attività miniaturistica a Montecassino nella prima metà del secolo XI - i co](#)
- [Six plays of Plautus.](#)
- [Making connections - annual report.](#)
- [Unsere Pilze.](#)
- [Last oasis - facing water scarcity](#)