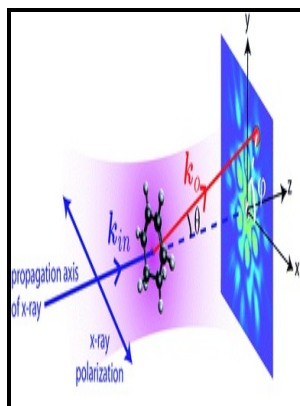


# Electron correlations in electron and photon impact ionisation of atoms and molecules.

University of Manchester - ShieldSquare



Description: -

-Electron correlations in electron and photon impact ionisation of atoms and molecules.

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Notes: Manchester thesis (Ph.D.), Department of Physics.

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## Dynamics of multiple ionization of atoms and molecules by electron, photon, and ion impact—investigated by the COLTRIMS imaging method

Since then this technique has been used with further modifications and developments. EI is the most useful for organic compounds which have a below 600.

### Electron Ionization

However, this method detected the residues of different pyrethroids down to the level 0. The APS Physics logo and Physics logo are trademarks of the American Physical Society. Close passage of highly energetic electrons in low pressure ca.

### Electron ionization

They have shown that the total ionization rate predicted by the PPT model fit very well the experimental ion yields for all rare gases in the intermediate regime of Keldysh parameter.

### Electron ionization

Coincidence studies of electron and photon impact ionization editors whelan et walters hrj eds multiple scattering effects in high energy electron molecule ionization of h2 pages 169 178 hansen j et al preview buy chapter 2595 eur parametrisation of tdes in a plane pages 179 183 zitnik matjaz preview buy chapter 2595 eur an explanation of the structure observed in. One-photon double photoionization of oriented H<sub>2</sub> is found to be particularly sensitive to left-right correlation along the bond.

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