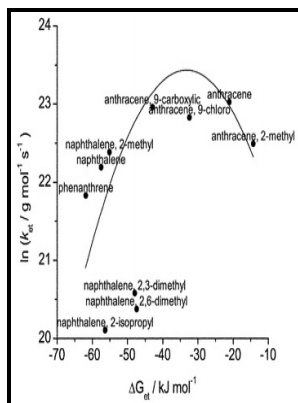


# Photochemistry and photophysics of anthracenes on silica gel

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Description: -

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### Photophysics of polycyclic aromatic hydrocarbons adsorbed on silica gel surfaces. 1. Fluorescence lifetime distribution analysis: an ill

Williams, in Encyclopedia of Modern Optics, vol. MCM-41 and Na—magadiite silicates internal voids probed by pyrene fluorescence spectroscopy.

### Photoionization on insulator surfaces: diffuse reflectance laser flash photolysis of distyrylbenzenes adsorbed on silica and alumina

On the basis of our results, dimerization might account at least in part for the photo decay of the alkyl derivatives, but the activity of BHT suggests that the bis triphenylsilyl anthracene decays via a different mechanism, possibly involving free radicals. Chemical Reviews 2008, 108 3 , 1052-1103. Direct and oxygen-mediated triplet—triplet annihilation of tetraphenylporphyrin in multilayers of decanol on the external surface of NaA zeolite.

### The photochemistry and photophysics of a series of alpha octa(alkyl

Measurements in condensed phases are based on the 1269 nm luminescence emitted in the radiative decay of O 2 1 D g + and the 634 nm dimol emission. It is possible to determine ε T using this technique as the singlet and triplet states have no absorption at the triplet and singlet wavelengths, respectively. This was then stirred in the dark for 6 hours.

### Photochemistry on Solid Surfaces, Volume 47

The intimate mixture of electrons and ions in the glowing region of the discharge constitutes a plasma. Briefly, the data were recorded on a laser flash photolysis system.

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