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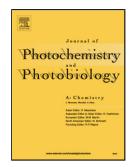
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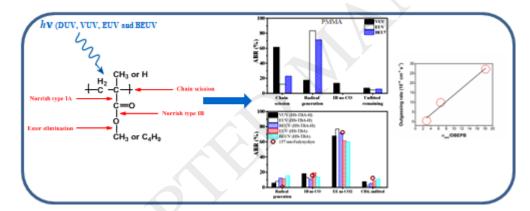
Photo-electron chemistry of photoresist outgassing upon DUV, VUV, EUV, and BEUV irradiation

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Graphical abstract



Highlights

To our knowledge, this is the first direct, qualitative and quantitative study on photoelectron chemistry of resist outgassing upon DUV, VUV, EUV, and BEUV irradiation.

• The distribution of outgassed species is not thickness-dependent and the escape depth is 60–80 nm, while it is energy dependent into DUV/VUV and EUV/BEUV categories for the PMMA and EUV model resists that we measured.

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