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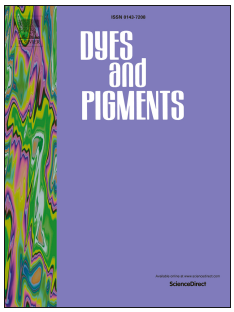

Polychromogenic molecular systems based on photo- and ionochromic spiropyrans

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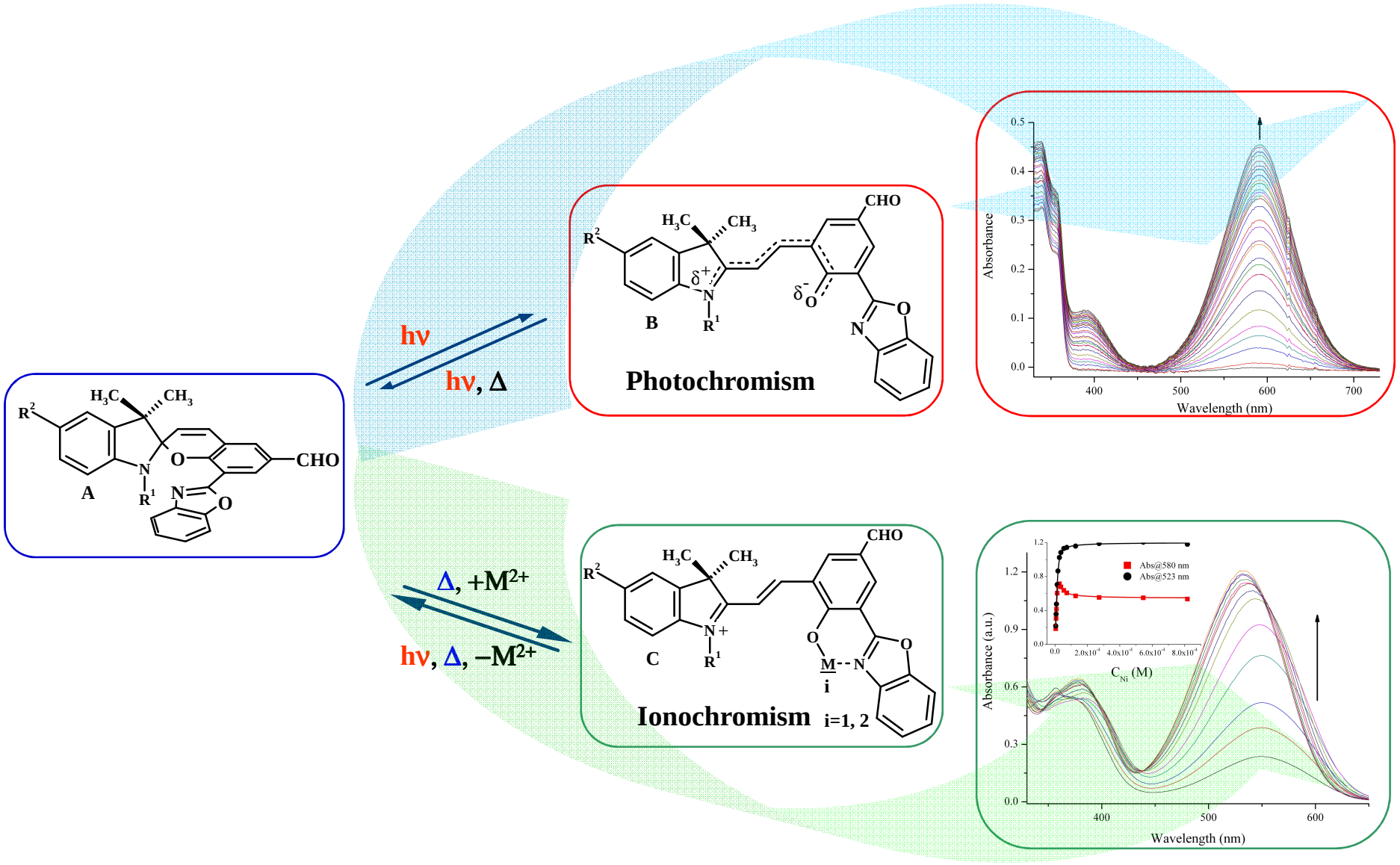
A
hν
hν, Δ
B
Photochromism
Absorbance
Wavelength (nm)
Δ, +M2+
hν, Δ, –M2+
C
Ionochromism i=1, 2
Abs@580 nm
Abs@523 nm
C_Ni (M)
Absorbance (a.u.)
Wavelength (nm)