

Structure and Photoelectrical Properties of Natural Photoactive Dyes for Solar Cells

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Table S1. Transition energies and oscillator strengths of dye/TiO₂.

Excited	E/eV	λ /nm	CI	f
S1	1.4568	851.08	0.69529/H-L	0.0017
S2	1.5861	781.69	0.69658/H-1-L	0.0002
S3	1.5897	779.94	0.66412/H-L+2	0.0012
S4	1.6816	737.30	0.70696/H-L+3	0.0001
S5	1.7190	721.28	0.65876/H-1-L+2	0.0001
S6	1.7567	705.79	0.70127/H-L+4	0.0020
S7	1.8114	684.46	0.70680/H-1-L+3	0.0001
S8	1.8209	680.89	0.70665/H-L+5	0.0003
S9	1.8852	657.66	0.69371/H-1-L+4	0.0019
S10	1.8908	655.72	0.70622/H-L+6	0.0001